



# MOVING COMMUNICATION

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2023 CATALOG

# Awards and honors

**Midland**, an Italian company always focused on design, has received several awards throughout its history.

One of these is the **Red Dot Award**, one of the most important in the International Design field where a pool of experts analyses over 6,500 products focusing on the complementarity between design and quality.

**Midland** has won four awards in the last 3 years in the **Product Design** category of the **Red Dot Award**: the **XT70 Pro**, **777 Pro** and **G9 Pro** radios and the **BT Rush** intercom.



# Our tale of innovation for over 60 years.

**1959**

Founding year

**1977**

1<sup>st</sup> certified CB Radio on the European market

**1998**

1<sup>st</sup> LPD Walkie Talkie in the world

**2008**

1<sup>st</sup> Bike to Bike Intercom in the world

**2013**

1<sup>st</sup> Action Cam with Wi-Fi remote control

**2016**

1<sup>st</sup> App that exceeds the limits of communication between riders

**2018**

1<sup>st</sup> Digital CB Mike

**2019**

Cb Talk App, the largest community of drivers

**2021**

1<sup>st</sup> Hands-free Kit for CB

**2022**

The Best User Experience [midlandeuropa.com](https://www.midlandeuropa.com)

**Midland never stops.**



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## Midland Group



# CB RADIOS



**MIDLAND**<sup>®</sup>  
MOVING COMMUNICATION

# The best suited CB radio for your needs.

Are you a truck driver? Do you have a caravan or an off-road vehicle? Do you want to use the so-called "citizen band" to communicate with others?

Below you will find a small guide for your needs.

In the following pages, you will find every detail and technical information regarding each model.

## Your first CB radio



Are you looking for a CB radio that's easy to install and use?

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CB Go USB

---

M Zero Plus

---

Alan 100 Plus B

---

## The road is your craft



Are you a truck driver looking for perfect modulation?

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CB Hands-free Kit

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Alan Quarantotto

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Alan 48 Pro/Alan 78 Pro

---

Midland 88

---



Are you a farmer or a tractor driver?

---

CB Hands-free Kit

---

Alan Sessantotto

---

M-5

---

Midland 88

---

Discover the video



### CB: contribution of €12 and declaration of activity have been abolished

The decree issued on 17/7/2020 which sanctions the liberalization of the CB band (40 channels) has finally become law.

Thanks to Law No. 120 of 11 September 2020, it is now no longer necessary to fill in and submit the self-certification to the Italian Ispettorato Territoriale and pay an annual contribution of €12.

### Travelling is your passion



Travelling by caravan?  
Choose among the most reliable CBs.

---

Kit CB Camper

---

Alan 42 DS

---

M-Mini USB

---

Dual Mike Wireless

---

Ptt Dual

### I want the best!



If you're looking for the most advanced technology,  
this is the right CB radio for you.

---

Alan Quarantotto

---

Midland 88

---

M-30



Do you want to communicate on your  
Off-Road vehicle?

---

Kit CB 4x4

---

Alan 42 DS

---

M-5

---

Midland 88

---

Dual Mike Wireless

# CB models in comparison

## Key



**Alan42 DS**



Distance	Mechanical resistance	Functions	Autonomy	Water resistance	Price
2	3	3	1	1	1

Icons: Distance, Autonomy, Mechanical resistance, Water resistance, Functions, Price

**M Zero Plus**



Mechanical resistance	Functions	Price
1	1	1

Icons: Mechanical resistance, Functions, Price

**Midland 88**



Mechanical resistance	Functions	Price
3	3	3

Icons: Mechanical resistance, Functions, Price


**Alan 48 Pro**



Mechanical resistance	Functions	Price
2	2	2

Icons: Mechanical resistance, Functions, Price

**Alan 78 Pro**



Mechanical resistance	Functions	Price
2	2	2

Icons: Mechanical resistance, Functions, Price

**Alan Quarantotto**



Mechanical resistance	Functions	Price
3	2	3

Icons: Mechanical resistance, Functions, Price

**Alan Sessantotto**



Mechanical resistance	Functions	Price
3	2	3

Icons: Mechanical resistance, Functions, Price

**M-30**



Mechanical resistance	Functions	Price
2	3	2

Icons: Mechanical resistance, Functions, Price

**M-Mini USB**



Mechanical resistance	Functions	Price
2	2	2

Icons: Mechanical resistance, Functions, Price


**M-5**



Mechanical resistance	Functions	Price
2	3	2

Icons: Mechanical resistance, Functions, Price

**Alan 100 Plus B**



Mechanical resistance	Functions	Price
2	2	2

Icons: Mechanical resistance, Functions, Price





# Alan 42 DS

The best-selling portable CB

MULTI BAND	EMERGENCY	DIGITAL SQUELCH	ANL NOISE BLANKER	DUAL WATCH	SIGNAL
HI/LOW POWER	POWER 12V	AA BATTERY	2-PIN		

**Car CB kit code KIT258**  
A car kit made up of the world's best-selling portable CB and a magnetic antenna (details on page 33) which is able to increase the range and make it the perfect communication system for any type of travel.

The portable CB transceiver "par excellence", **Alan 42 DS**, with new electronic components to give a unique audio experience. It is fitted with **digital squelch, ANL filters and Noise Blanker** that remove all annoying noises caused by sources outside the vehicle. A multistandard transceiver that allows selecting any **European band and operate in all EU countries.**

### Features

- Band: Multi (see page 36)
- Power: 1W/4W depending on the country
- DS: Digital Squelch
- ANL filters/Noise Blanker
- Emergency channel (EMG)
- Keypad lock (LOCK)
- Battery status indicator
- High-lower power (H-L)
- Display back-lighting button
- AM-FM button selection
- SCAN function, Dualwatch
- Antenna socket: BNC
- Powered by 8 AA batteries or 12V
- 2-pin accessory socket

### Packaging and codes

1 radio, wall charger for 8 AA battery pack, empty battery pack for 6 AA Alkaline batteries, empty battery pack for 8 AA rechargeable batteries with charging socket, adapter for car use with external SO 239 antenna socket, antenna, belt clip, wrist strap.

**code C1267**

**Export version: 400CH**

### Optional accessories

	<b>PB E42 - C602</b> Empty battery pack to charge 8 AA batteries (not included)
	<b>R74593 (Alan 42 DS/Multi)</b> Car adapter with socket for external antenna SO2399
	<b>R17365</b> Power supply



# MIDLAND 88

THE THINNEST CB DIN EVER

MMER

5L TURBO DIESEL



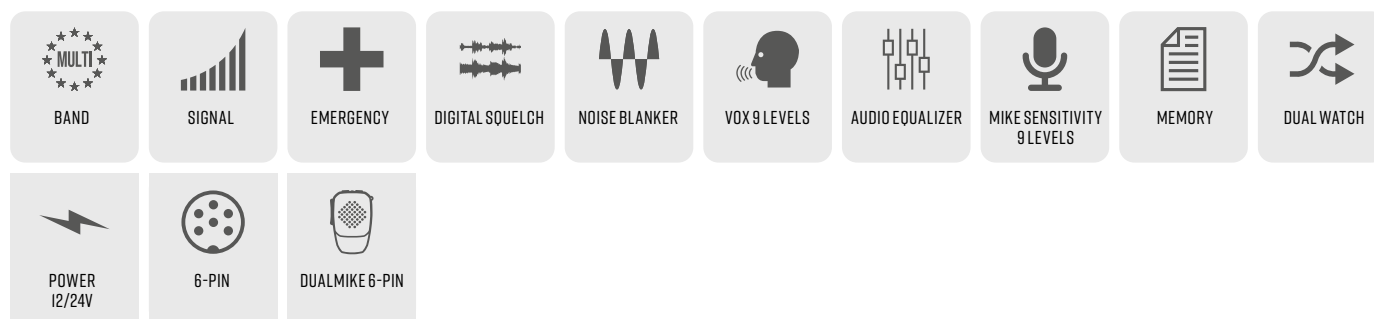
Thickness: only 77 millimeters



Front speaker

## Midland 88

The Din size CB radio



**Midland 88** is the most versatile CB radio: compatible with all DIN compartments. It is your inseparable travel companion: on trucks, off-road, in cars and caravans. What other options? You can put it on the dashboard and attach it to the windscreen with the suction cup attachment. Find the right solution for you! With a large multicolour TFT display, filters to eliminate unwanted noise and a universal power socket (12/24 V), what more do you want from the highly compatible M88?

### Features

- Band: Multi (see page 36)
- CB DIN SIZE
- Ultra thin, only 77mm!
- 12/24V power supply
- **3 different supports supplied:** fixing bracket, DIN bracket, suction cup mount
- Aluminium chassis

- Wide colour TFT display
- Automatic digital squelch adjustable on several levels
- Emergency channels 9/19
- Noise Blanker and HIC Filters
- Automatic switch-on
- 4 channel memories
- PA function (Public Address)
- Up/Down/Priority channel microphone
- S-Meter
- Dual Watch, Roger Beep
- External loudspeaker socket
- 6-pin microphone connector

### Packaging and codes

1 transceiver with power cable, microphone, microphone holder, mounting bracket, Din Size bracket, suction cup mount, fixing screws, protection fuse.

**code C1435**

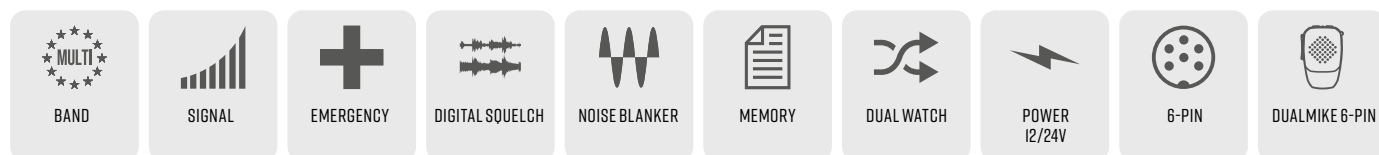
**Export version: 400CH 8W AM; 15W FM**  
**Amateur band: 28/29.695MHz**  
**VFO: 24.715/30.105Mhz**





## Alan 48 Pro

The multiband CB for European travel



The new **Alan 48 Pro** is the top of the range multiband, the CB line expressly conceived for trips and routes in different European countries. What does this mean? It means that **Alan 48 Pro** has an adjustable power – 1W/4W – to be adjusted to the frequencies and regulations of the country in which it is used. With a power supply voltage of 12/24 V, **Alan 48 Pro** does not need reducers and it is of easy installation in the dashboard compartment, thanks to the DIN bracket (optional).

**Alan 48 Pro** is high tech and complete in facing all sorts of noises: it is equipped with the Digital Squelch, that eliminates the background swish and the Noise Blanker, to cancel the environmental noises.

### Features

- Band: Multi (see page 36)
- Output power: 1W/4W depending on the country
- **DS: Automatic Digital Squelch**
- **Noise Blanker/ANL filters**
- **Power supply voltage: 12/24V**
- Blue back-lit multifunction display
- "Precision series" microphone with Up/Down/Lock buttons
- Squelch
- RF Gain: sensitivity control in RX
- MIC Gain: microphone amplification
- 4 memory positions
- Emergency channel
- Scan function

- Dual watch function
- External S-Meter socket
- PA: by enabling this switch, the device becomes a low frequency amplifier (with the help of an additional speaker)
- External speaker socket
- 6-pin microphone connector

### Packaging and codes

1 radio, microphone, mounting bracket, fixing screws.

**code C422.16**

**Export version: 400CH**



## Alan 78 Pro

The compact multiband CB radio



The new **Alan 78 Pro** is the compact and essential CB radio dedicated to multiband: that is, to the CB frequencies related to travelling and routes in multiple European countries. What does it mean? It means that **Alan 78 Pro** has adjustable power - 1W/4W – that can be adapted to specific frequencies following the laws of the country in which you are travelling. With a 12/24 V power supply, **Alan 78 Pro** does not need reducers and can be easily installed in the dashboard compartment thanks to the DIN bracket (optional). **Alan 78 Pro** is high tech and perfect even when dealing with noise: its Digital Squelch eliminates background noises, while its Noise Blanker eliminates continuous environmental noise.

### Features

- Band: Multi (see page 36)
- Output power: 1W/4W depending on the country
- **DS: Automatic Digital Squelch**
- **Noise Blanker/ANL filters**
- **Power supply voltage: 12/24V**
- Blue back-lit multifunction display
- "Precision series" microphone with Up/Down/Lock buttons
- Squelch, Scan
- LCR function (to recall the last channel that was used)
- External speaker socket
- External S-Meter socket
- 6-pin microphone connector

### Packaging and codes

1 radio, microphone, mounting bracket, fixing screws.

**code C423.16**

**Export version: 400CH**



**Since 1986**  
The best seller 40Ch CB

## Alan Quarantotto

The king of CB

<b>AM FM</b> BAND	<b>40</b> CHANNELS	<b>NOISE BLANKER SYSTEM</b>	<b>S-METER</b>	<b>POWER 12V</b>	<b>4-PIN "48/68"</b>	<b>DUALMIKE 4-PIN "48/68"</b>
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**Only for the Italian market**

The CB that made the communication history, returns completely renewed, but still faithful to the DNA of the historical product.

Thanks to its fame, very easy use and its **complete range of functions**, it has been the Italian best-seller for over 30 years. A travelling companion and an **irreplaceable work tool for those who are driving every day.**

### Features

- Band: AM-FM
- Noise blanker System
- MIC Gain: Mic gain control for an always perfect modulation
- RF Gain: set the gain of the antenna preamplifier
- FIL: set the intonation of the incoming signal
- ANL: automatic noise cut down
- Squelch
- PA: activating this switch the CB becomes a low frequency amplifier (with additional speaker)
- White LED backlight, for every light condition
- 4-pin microphone connector

### Packaging and codes

1 radio, microphone, mounting bracket, fixing screws.

**code C217.09**

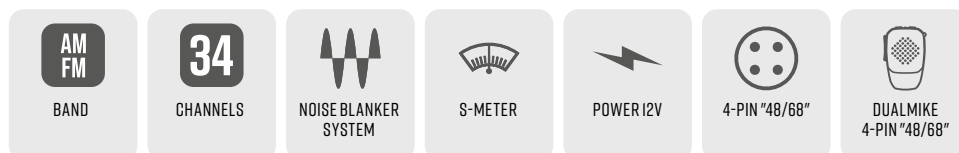
**Export version: 10W AM/FM - 120CH**



Since 1983 the best seller  
34Ch CB

## Alan Sessantotto

The mythical 34-channel CB



Only for the Italian market

The brother of the mythical Alan Quarantotto, that made communication history, returns completely renewed, but still faithful to the DNA of the historical product. Since 1983 the **sales champion** in its category.

A travelling companion and an **irreplaceable work tool for those who are driving every day**. Particularly appreciated on agricultural vehicles and for earth moving thanks to its reliability and sturdiness.

### Features

- Band: AM-FM
- Noise blanker System
- MIC Gain: Mic gain control for an always perfect modulation
- RF Gain: set the gain of the antenna preamplifier
- FIL: set the intonation of the incoming signal
- ANL: automatic noise cut down
- Squelch
- PA: activating this switch the CB becomes a low frequency amplifier (with additional speaker)
- White LED backlight, for every light condition
- 4-pin microphone connector

### Packaging and codes

1 radio, microphone, mounting bracket, fixing screws.

**code C025.09**

**Export version: 10W AM/FM - 120CH**

# M-30

FOR BUSINESS COMMUNICATION

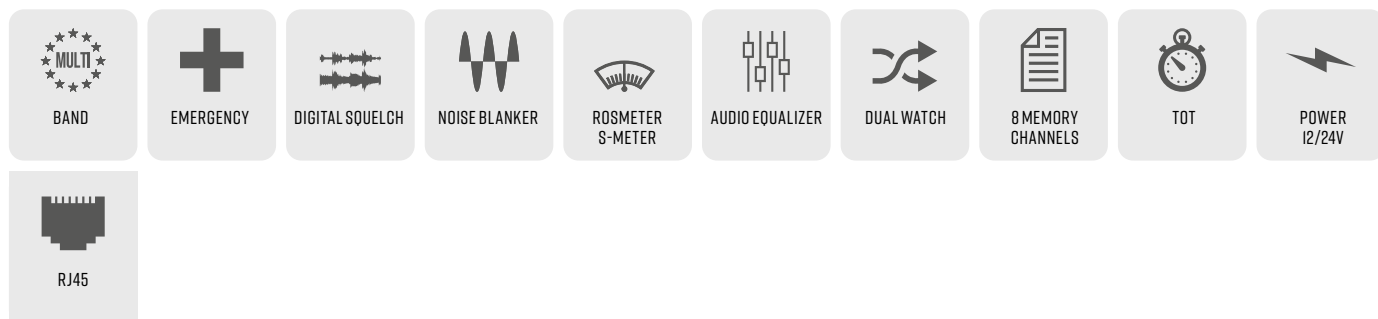
 **MIDLAND**<sup>®</sup>  
MOVING COMMUNICATION





# M-30

The top-of-the-line multimedia M-series CB



If you are looking for a multi-function CB, this is the model for you. Ready to give you the best of the M series, thanks to **6 programmable keys**, wide **multi-colour TFT display**, with **Dual Watch** function to monitor two channels at the same time. Automatic switch-on, display of the channel number or channel number plus frequency, make it **the perfect tool for communication professionals**.

### Features

- Band: AM/FM Multi (see page 36)
- 6 programmable keys
- Wide colour TFT display
- Supply 12V-24V
- Metal alloy radio body for better heat dissipation
- Display of the channel number or channel number + frequency.
- Automatic adjustable Digital Squelch on 9 levels
- S-Meter/SWR Meter
- RF attenuator
- Scan function
- Dual Watch
- Customizable Roger Beep
- 9/19 emergency channels and priority channel
- Noise Blanker
- Audio equalizer
- Protection against polarity inversion
- 8 customizable memory channels
- TOT (Time Out Timer)
- Adjustable backlight
- Automatic switch-on
- Keypad lock
- Microphone with RJ45 connector with keys Up/Down/Priority channel

### Packaging and codes

1 radio, microphone, mounting bracket, fixing screws.

**code C1313**

**Export version: Amateur band 26-28MHz  
400CH 8W (AM)/15W (FM)**

### R74574

2 m long microphone extension cord for M-5/M-30/CT3000

### Programming Software PRG-30 C1318

Complete with USB connection for PC



Extra small: 102x100x25mm

# M-5

The CB "in the mike"

 BAND	 EMERGENCY	 DIGITAL SQUELCH	 DUAL SPEAKER	 USB PORT	 2-PIN KENWOOD
---	--	--	---	---	--

The CB world finds a new style with the **Midland M-5**, the "CB in the mike" to have everything on hand all the time, thanks to the buttons placed directly on the microphone with an LCD display to see channels, bands and settings.

The compact size and its particular configuration allow the radio to be placed in the storage compartment or even in the boot (with accessory cable extension).

**A new way to enjoy the CB that allows you to drive with a minimal cabin.**

### Features

- Band: Multi (see page 36)
- 40 AM/FM channels
- Output power: 4W AM/FM
- Die-cast metal body
- "Handy" controls on the mike
- Selectable multicolour backlight (7 colours)
- Manual squelch 28 levels
- Digital squelch at 5 levels
- RF gain
- Scan
- Indication S-meter RX-TX
- Sliding mounting bracket
- Lighter power supply
- USB socket for charging electrical devices
- 2-pin Kenwood socket (microphone)

### Packaging and codes

1 radio, microphone with Up/Down buttons and LCD display, fixing screws, mounting bracket, power cord with cigarette lighter socket.  
**code C1277**

**Export version: 10W AM/FM - 400CH**

### R74574

2 m long microphone extension cord for M-5/M-30/CT3000

# Camper CB kit

M-5 and glass antenna make the perfect kit for RV communication.

The 2022 novelty has finally arrived, which allows quick and easy installation on your camper. Camper kit, which includes M-5, the CB in the microphone with all the controls at hand and the LCD display, combined with the RV65 antenna that does not require piercing the bodywork, with super resistant 3M adhesive. It does not require a ground plane and is installed directly on the glass (Specifications: see table on page 36).

## Packaging and codes

1 radio, microphone with Up/Down buttons and LCD display, fixing screws, mounting bracket, power cord with cigarette lighter socket and RV65 antenna.

code **KIT253**



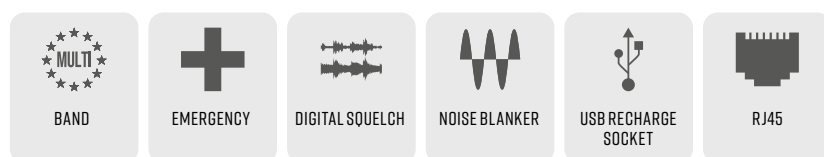


Removable microphone



## M-Mini USB

The small CB Radio with USB socket



Are you looking for a CB radio that's easy to install?

**M-Mini USB** is your answer: essential, 40 channels, can be powered by connecting it to the cigarette lighter outlet using the power cable included in the package.

On the front, there is a practical USB socket so that you can recharge all your devices: smartphones, tablets... and a RJ45 socket, which makes the microphone removable.

The aluminium chassis is the finishing touch of **M-Mini USB**, making it robust and resistant to any movement.

### Features

- 40 AM/FM channels
- Selectable frequency bands: I, I2, DE, EU, EC, PL, UK, IN (see page 36)
- Output power: 4W AM/FM
- Up/Down buttons on the microphone
- Channels scan
- LCD display with S/meter
- Double squelch mode (9 and 28 levels)
- Adjustable reception attenuator (RF gain)
- Emergency channel 9/19
- External loudspeaker socket
- Removable microphone with RG45 connector
- USB recharge socket
- Power cable with cigarette lighter plug

### Packaging and codes

#### Box M-Mini USB

1 radio, microphone with Up/Down buttons, power cord with cigarette lighter plug, fixing screws, mounting bracket.

**code C1262.04**

#### Blister CB Go USB

CB M-Mini USB, power cord with cigarette lighter plug, LC29 antenna, magnetic base.

**code C1262.05**

**Export version: 9W AM/FM - 400CH**



### The blister version

#### Ready to modulate in a few moments with "do it yourself" installation.

A complete pack, containing: M-Mini USB, the Midland multimedia mini-transceiver, power cord with cigarette lighter plug and Midland LC29 high-performance antenna, fitted with a magnetic base.

**Become a part of the CB community**



## 4x4 CB kit

The Full Optional Communication Kit dedicated to offroaders. Suitable for all types of installation, requires no other components.

This Kit includes the CB M-Mini USB, the LUX 1500 antenna with swivel connection, a fixing bracket for the antenna and a connector. Midland LUX guarantees top-level performance, and enhances its visibility to the maximum. The base of the antenna is equipped with a wave guide which emits light when it is crossed by radio frequency. It lights up automatically when the radio goes into transmission, thus also signalling the correct operation of the device. The antenna does not require any power supply and is totally waterproof. The joint has the particularity of being also anti-theft and anti-accident. Once locked, it is in fact possible to remove the special handle, thus making it impossible to unlock the antenna and its removal unwanted.

### Packaging and codes

CB M-Mini USB, microphone with Up/Down buttons, power cable with cigarette lighter socket, fixing screws, mounting bracket and LUX 1500 antenna.

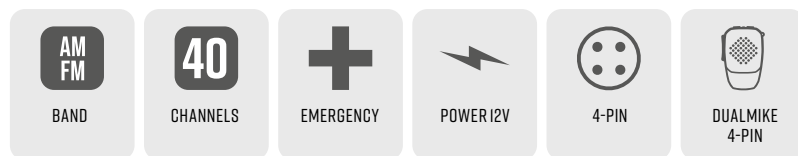
code **KIT254**





## M Zero Plus

The 40-AM-FM-channel CB



Evolution of the excellent **Midland M-Zero**, the new PLUS version adds the **FM band**.

**ABS body** for practical and light use and with **SMD technology** for the electronic structure.

With its **40 AM/FM channels**, this CB is extremely easy to use.

**M-Zero Plus** is definitely the best compromise between quality and price of the M line.

### Features

- Band: AM-FM (Poland-Italy)
- Channel display, black background with white texts
- Up/Down buttons
- Squelch control: eliminates annoying background noises in reception
- External loudspeaker socket
- Emergency memory channel: to immediately select the emergency channel (set by the user)
- RF Gain: sensitivity control in RX
- Quick Scan
- On/Off keypad beep
- 4-pin microphone connector

### Packaging and codes

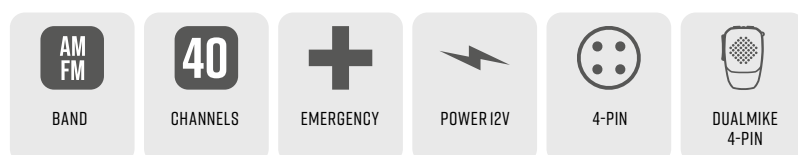
1 radio, microphone, mounting bracket, fixing screws  
code **C1169.01**

**Export version: 120CH**



## Alan 100 Plus B

The historical 40-channel CB



The CB that has accompanied car, caravan and truck drivers since 1998.

An excellent product to enter the CB world with everything that is required to communicate.

An easy communication tool for everyone.

### Features

- Band: AM-FM
- Emergency channel 9-19
- Display channels
- Up/Down buttons
- Squelch
- Transmission and reception led
- External speaker socket
- 4-pin microphone connector

### Packaging and codes

1 radio, microphone, mounting bracket, fixing screws  
code **C442.12**

Discover the video



■ Customisable Light Ring with light indications

**Lose the wire... but remain connected!**

The **Dual Mike Wireless** presents itself as a classical CB microphone, but is much more.

**Dual Mike Wireless** has **dual PTT** in one microphone to use with the CB Talk App and the CB in wireless mode, the **hands-free function** to answer calls and a **superb speaker** to listen to music via Bluetooth.

The new **AGC** (Automatic Gain Control) function allows the **Dual Mike Wireless** to better capture the voice, keeping it at a distance from the mouth from zero to one meter. The connection to the **PTT-Dual** in **BLE** (Bluetooth low energy - low consumption) allows getting the best out of the **Dual Mike Wireless** in hands-free mode.

**Discover its functions with the dedicated CB Talk app.**

**Features**

- 3W speaker with Labyrinth™ technology that emphasizes bass tones
- Dual PTT
- **8-band voice equalizer**
- **ECHO function**
- Roger beep
- Smartphone/ Dual Mike distance up to 30m
- Bluetooth V4.2 Wireless Microphone
- Dual USB Micro Recharge socket
- Compatible with wireless charger (via Optional DK-Dual)
- 10h battery life with volume at 50%,
- Weight 153 g
- Pre-amplified Microphone with DSP (Digital Signal Processor) for a perfect voice
- Multifunction key
- Customisable Light Ring with light indications
- Hands-free function

**Packaging and codes**

Microphone, recharging USB cable, microphone holder with adhesive support.

**code C1363**

**Discover the accessories for Dual Mike Wireless on page 24.**

**Bluetooth** 4.2

# Dual Mike Wireless

The Bluetooth microphone of the CBTalk App community

 ANALOGUE PTT DIGITAL PTT	 PRE-AMPLIFIED	 SUPER BASS LOUDSPEAKER	 HANDS-FREE PHONE	 FOR A PERFECT VOICE IN TX	 LISTEN TO MUSIC
 ECHO	 EQUALIZER	 LIGHT RING FOR NOTIFICATIONS	 LONG LASTING BATTERY	 DOUBLE USB RECHARGE SOCKET	 WIRELESS RECHARGE

Discover the video



 Bluetooth<sup>®</sup> 4.2

## CB Hands-free Kit

The 1st hands-free communication system for CB

**The new MIDLAND kit allows talking via CB while driving, without moving your hands from the steering wheel.**

It is precisely the new 2020 Highway Code that allows us to focus on the great potential of the new communication system: the ability to communicate HANDS-FREE by placing the microphone comfortably on the dashboard and pressing a button on the steering wheel.

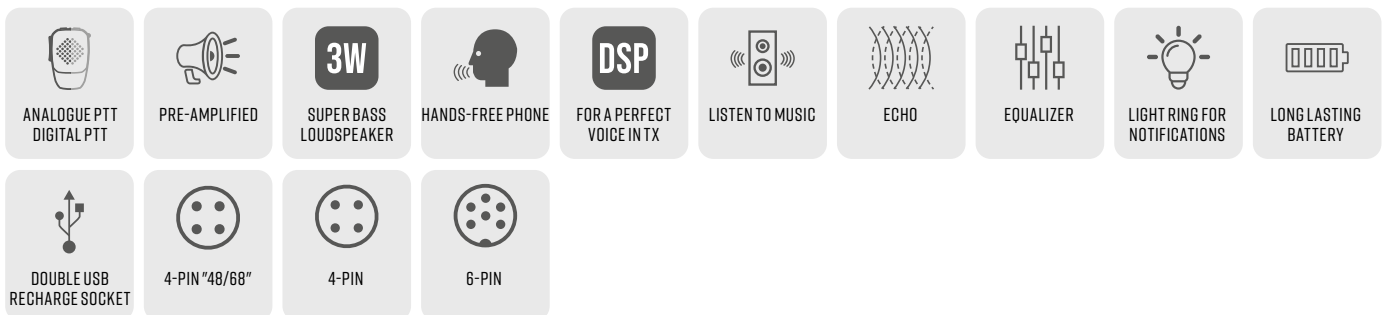
This system prevents incurring the now harsher penalties provided for those who are caught driving with a CB microphone in hand (even if so far "tolerated") or with a smartphone.

**No more distractions. No more fines.**

[MIDLANDEUROPE.COM](http://MIDLANDEUROPE.COM)







**The kit includes:** Dual Mike, PTT-Dual with 3 types of attachment, micro-USB recharge cable, microphone holder with adhesive support.

**Dual Mike** has **dual PTT** in one mike to use with the analogue CB via the CBTalk App, **hands-free** to answer calls, a **superb speaker** to listen to music via Bluetooth.

The new **AGC** (Automatic Gain Control) function allows the **Dual Mike** to better capture the voice, keeping it at a distance from the mouth from zero to one meter. The **Dual Mike** connection to the **PTT-Dual** in **BLE** (Bluetooth low energy - low consumption) allows getting the best out of the **Dual Mike** in hands-free mode. **Discover its functions with the dedicated CBTalk app.**

#### Features

- 3W speaker with Labyrinth™ technology that emphasizes bass tones
- Dual PTT
- **8-band voice equalizer**
- **ECHO function**
- Roger beep
- Smartphone/ Dual Mike distance up to 30m
- Bluetooth V4.2 Wireless Microphone
- Dual USB Micro Recharge socket

- 10h battery life with volume at 50%, 15h with CB only
- Weight 290g with cable
- Multifunction key
- Customisable Light Ring with light indications
- Preamplified Microphone with DSP (Digital Signal Processor) for a perfect voice
- Hands-free function
- Connecting cable to the traditional CB (with 4-Pin 48/68, 4-Pin and 6-Pin connectors)

#### Packaging and codes

**code C1283.03 - 4-Pin 48/68 Kit**

**code C1283.04 - 4-Pin Kit**

**code C1283.05 - 6-Pin Kit**

**Discover the accessories for Dual Mike on page 24.**



## PTT-Dual

Bluetooth button to communicate hands-free while driving ... with no penalties! For fans of the digital world.

Bluetooth Low Energy (B.L.E.) button to talk hands-free via CB radio, without taking your hands off the steering wheel.

### For Dual Mike and Dual Mike Wireless.

The built-in battery guarantees a duration of 1 year with an average use of 9h/day.

### How is the PTT-Dual used?

- 1) Pair with telephone via Bluetooth;
- 2) Place on the steering wheel or in a comfortable position while driving;
- 3) Press the button to answer the phone call or to transmit the voice via the CB Talk App, without ever taking your hands off the wheel.

### Packaging and codes

Main PTT, steering wheel mount for main PTT, optional PTT with wire, external PTT finger, 2 velcro stickers, CR2032 lithium battery included.

code **C1488**



### CB Talk

#### The app that connects roads around the world

**CB Talk** is the revolutionary application that lets you talk to other users in analogue or digital mode.

**CB Talk** is the free downloadable app used by over 1 million users around the world to talk to friends and colleagues freely.

The interface that appears on the App's screen closely resembles the controls found on the widespread **Midland**

**Alan 48** CB radio and the functions, although digital and advanced, are very user friendly.

**By combining the Dual Mike/Dual Mike Wireless with the CB Talk app**, the following features are added: 200km of Squelch, 80 channels, possibility to create public and private groups and the creator is also the administrator of the group.



Download CB Talk App





## Dual Headset

Bluetooth headset with built-in transmission button to communicate hands-free.



Good communication with the work group translates into good company management and is achieved thanks to an excellent quality of transmission in real time and a timely passage of information. Maximum comfort and versatility of the headset that can be worn in the right or left ear depending on preference. The MWE noise cancellation algorithm developed by Midland allows the transmission of a perfect voice.

Through the **Dual Headset** you can easily connect to the Midland apps: **CB Talk** and **BT Talk**.

### Specifications

- Battery life 8 hours
- Customisable button
- Dual microphone
- Noise cancellation
- Two-colour LED
- USB charge
- Versatility (right or left ear)

### Packaging and codes

Bluetooth headset, spare silicone headsets (S/M/L), USB cable  
code **C1521**

## Bluetooth microphones and their accessories

### DK-Dual C1364

Docking station: wireless recharge support. For **Dual Mike Wireless**.



### VM-Dual C1407

Air vent fixed support.  
For **Dual Mike Wireless**,  
**Dual Mike**.



### AM-Dual C1408

Dual Mike adhesive support kit.  
For **Dual Mike Wireless**,  
**Dual Mike**.



### AL-Dual 48 C1403

Voltage reducer 12V-5V and  
Micro USB for Alan Quarantotto,  
Alan Sessantotto.

For **Dual Mike**, **DK-Dual**.



### AL-Dual C1403.01

Voltage reducer 12V-5V and  
Micro USB for all other Midland  
CB radios.

For **Dual Mike**, **DK-Dual**.



# ACCESSORIES



# Microphones

4-pin



## Midland F100 C1021

Preamplified microphone with echo.  
For Alan 100 Plus B, Midland 200, Midland 203.



4-pin



## R51504

Microphone Alan 100 Plus B, Midland 203,  
Alan 199, Midland 210 DS, M-10 and M  
Zero Plus.



4-pin "48"



## MDL4190 C074

Omni directional dynamic microphone.  
Impedance 500 Ohm.  
For Alan 48, Alan 68S, Midland 8001-XT.



4-pin "48"



## Midland F48 C1022

Preamplified microphone with echo.  
For Alan 48/68 and Midland 8001-XT.



4-pin "48"



## Mike Midland T059.01

Omni directional dynamic microphone.  
Impedance 500 Ohm.  
For Alan 48, Alan 68S, Midland 8001-XT.



5 Pin



## R17332

Original microphone for Alan 100 Plus, Alan  
100 Plus Euro and Alan 199-A.



6-pin



## Mike Multi C714

"Precision series" microphone with Up/Down  
buttons, Lock button.  
For series Plus Multi, Excel, Midland 248,  
248 XL, 278, Alan 121.



6-pin



## Midland F Multi C1023

Preamplified microphone with echo for CB  
Multi Standard radios.



6-pin



## MR120 C404.01

Electret microphone with Up/Down buttons.  
For series Pro, Plus Multi, Excel, Midland  
248, 248 XL, 278, Alan 121.



# Brackets, microphone holders, cables, potentiometers & speakers

## Brackets

### SPM-48 Din C791

DIN bracket for Alan 48 Plus Multi B/Excel Multi, Midland248/248XL, Alan 48 Pro.



### SPM-78 Din C792

DIN bracket for Alan 78 Plus Multi B, Midland 278, Midland M20, Alan 78 Pro.

### SPM-100 Din C807

DIN bracket for Alan 100 Plus, 100 Plus Euro, Alan 100 Plus B, 199-A, Midland 203, Midland 210, Midland M10.

### SA 48 T769

Complete with 1 bracket, 2 slides, 2 handles, 2 screws. For Alan 48, 68S, Alan Quarantotto, Sessantotto.



## Holders

### PM3 T431

Microphone holder with screw fastening and bi-adhesive.



### PMF T570

Microphone holder with screw fastening and bi-adhesive, fluorescent.



## Cables

### R74574

2 m long mike extension cord for M-5/M-30/CT3000.



### T060

3-pole lead with fuse-holder. Length: 160 cm. For Alan 48, Alan 68S.



## Potentiometer

### Kit250

Potentiometer kit for Alan Quarantotto, Alan Sessantotto, consisting of 4 pieces.



## Speakers

### AU 20 T775

External speaker 5W max. Impedance: **8 Ohm**, Rated power **2 W** Maximum power **5 W**, Size **65x55x65mm**.



### AU 30 T682

External speaker 12W max. Impedance **8 Ohm**, Rated power **7 W** Maximum power **12 W**, Size **110x60x60mm**.



### AU25E T681.01

External speaker 5W max. Recommended for VHF professional mobile transceivers Alan HM35/70/06 Impedance **8 Ohm**, Rated power **3 W** Maximum power **5 W**, Size **100x60x60mm**.



# SWR meter wattmeter, power supplies

## SWR meter wattmeter



### KW 520 C530

Suitable for checking transmitter power and antenna adaptation, with two separate measuring lines, one from 1.8 to 200 MHz and the other from 140 to 525 MHz. This enables the simultaneous connection of 2 systems: one in HF/VHF and the other in VHF/UHF and select which to use to take the measurements with the specific switch. The measurement line selected is displayed by the specific LED. With the possibility of measuring peak or medium value, fine calibration of the index, base scale duplicator button of power from 200 to 400 W.

<b>RF power</b>	5W - 20W - 200W - 400W
<b>R.O.S.</b>	1:1 / ∞
<b>Impedance</b>	52 Ohm
<b>Frequency range</b>	1.8 - 200 MHz/140 - 525 MHz
<b>Size in mm</b>	155x100x60
<b>Weight</b>	730 g
<b>Connector</b>	SO239

## Power supplies

### SW35 47500

<b>Input voltage</b>	220-230Vac-50Hz
<b>Output voltage</b>	13,8Vdc
<b>Rated output current</b>	Max 3-5A



### SW57 47510

<b>Input voltage</b>	220-230Vac-50Hz
<b>Output voltage</b>	13,8Vdc
<b>Rated output current</b>	Max 5-7



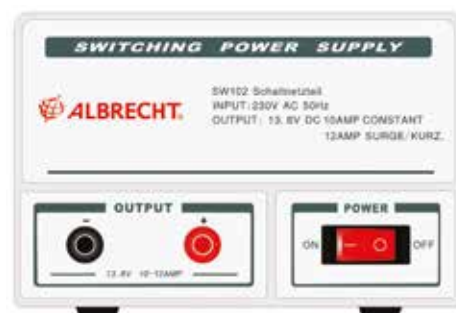
### SW79 47520

<b>Input voltage</b>	220-230Vac-50Hz
<b>Output voltage</b>	13,8Vdc
<b>Rated output current</b>	Max 7-9A



### SW102 47530

<b>Input voltage</b>	220-230Vac-50Hz
<b>Output voltage</b>	13,8Vdc
<b>Rated output current</b>	Max 10-12A



# Car and truck CB antennas



## Lux antennas: illuminate when transmitting

Midland Lux is the genesis of a new line of CB antennas, designed to make the installation of the best "CB radio" on vehicles unique. The antenna base is fitted with a wave guide that glows when it is crossed by radio frequency. It automatically illuminates when the radio is transmitting, thus signalling the correct operation of the device. It does not need any power and is totally waterproof. **LUX1500-S** and **LUX 1000-S**: Anti-theft and protection hinge. **LUX 1500-PL** and **LUX 700-PL** suitable for gutter, mirror, centre roof mount (accessories not included). With the **KIT** they become magnetic (see page 32).



Lux 1000-S  
C1258



Lux 1500-S  
C1259



Lux 700-PL  
C1330



Lux 1500-PL  
C1257



X-Turbo 60  
C871



X-Turbo 80  
C872



ML143  
C1164



ML 145  
T562.01



Alan PC 4  
T739



## Car and truck CB antennas



Alan PC 6  
T736

Alan PC 8  
T701

Alan S9 Plus  
T638

Funk 90  
T638.04

Funk 130  
T638.05

Funk 150  
T638.06

Mini  
C593

## Camper CB antenna

The 2022 novelty has finally arrived, which allows quick and easy installation on your camper.

### RV65 C1558

A good antenna allows the CB transceiver to work at its best.

RV65 in fact avoids piercing the bodywork and has a super resistant 3M adhesive, top of the range of its kind. It does not require a ground surface, so unlike the antennas normally on the market, RV 65 is installed directly on the glass.

Our antennas have a well-structured radial system, essential for obtaining optimal propagation and durability over time.

See also page 17.



# Magnetic CB antennas



**Kit 226**  
Lux 700-PL+120/PL



**Kit 224**  
Lux 1500-PL+120/PL

High power antenna with magnetic base  
Ø 120mm



**Kit 212**  
ML143+M base



**Kit 007**  
ML145 + 120/PL



**LC29**  
C1018



**LC65**  
C1020

# Magnetic bases, balcony/base and VHF/UHF antennas

## Vehicle magnetic antenna

### MC45 C1559

Vehicle antenna operating on the 26-28MHz band. MC45 is equipped with a magnetic base, therefore it must be installed on a metal surface of at least 1 m<sup>2</sup>. The stylus is made of stainless steel and is protected by a heat shrink sleeve. The connection cable to the RG-174 radio is 4.5 m long. The magnetic force of the antenna is guaranteed up to a speed of 140 km/h.



## CB base antennas

Equipped with a system to protect against water leak

### Energy New 1/2 T241.02

Energy New 1/2 is a telescopic base antenna, ground plane at 1/2 lambda, operating on 27MHz, built in anti-corrosion aluminium. All elements are telescopic and facilitate installation.



Equipped with a system to protect against water leak

### Energy New 5/8 T242.02

Energy New 5/8 is a telescopic base antenna, ground plane at 5/8 lambda, operating on 27MHz, built in anti-corrosion aluminium. All elements are telescopic and facilitate installation.



## Magnetic bases

### BM-MLC143 C1183

Developed for the ML 143 antenna, it is designed to withstand high speed. Equipped with scratch resistant magnet-covering cap. Supplied with PL mount (already installed).



### 120/PL T036

Designed to withstand high speeds. Equipped with scratch resistant magnet-covering cap. Supplied with attachment for PL (already installed).



## VHF/UHF antenna

### VH 1 F092



# Bracket/mounts, connectors and antennas cables

## Staffe/Attacchi

### GR-L C1047

Stainless steel mount.  
Size: 38x64x99mm



### GR-XL C1048

Stainless steel mount  
Size: 38x100x180mm



### Gronda 27 T054

Gutter mount. Enables the Gutter mount installation of any mobile antenna without piercing the bodywork. The special rubber suction pad guarantees perfect adherence to the vehicle roof.



### SP 21 T390

Mirror mount. Enables the installation of any mobile antenna on the rear view mirror, avoiding unsightly holes in the bodywork.



### DV 27 PL T599

Centre roof adapter  
DV/SO239.



### SC 27 T441

Special screw.



### LC 27/10-N T370.01

Connector.



### FC 27 T478

Antenna base with screw, connector for FC 27 and base for Midland antennas.



## Connectors

### PL259/R T292.02



### PL 259/RL T377



### PL 259 T205

Connector for RG8/RG213 cables.



### UG 255 F076

Connector for BNC/SO239.



### SA 95 T211

SO239 connector  
RCA plug.



## Cables

### RG58 T633 - R73895

3-piece lead for roof centre mount.  
Length: 4m  
**R73895 for PC antennas.**



### R 45/58-U T194

RG58 connection cable for CB transceivers. Length: 45 cm  
**2 connectors PL259.**



### Centre roof mount T301

RG58 cable with Centre-roof mount for US antennas.  
Length: 3.5 m.



### R 90/58-U T193

RG58 connection cable for CB transceivers.  
Length: 90 cm  
**2 connectors PL259.**



# Antennas specifications

Specifications	LUX 1000-S/LUX 1500-S	X-TURBO 60/80	ALAN PC 4/6/8	ALAN S9 PLUS
Operating frequency	26-30MHz	26-28 MHz	25-30 MHz	25-30 MHz
Number of channels	120	200	150/240/130	200
Maximum applicable power	600/800	800 W (max 1500) 1000 W (max 1700)	400/600/800 W	300 W
R.O.S. min. in centre band	<1.2	<1.2	<1.2	<1.2
Length (cm)	120/170	160/180	115/160/163	155
Impedance (Ohm)	50	50	50	50
Weight (g)	503/525	670/690	450	390
Whip material	Steel	Steel	Steel	Steel
Antenna connection type	3 pieces	3 pieces	3 pieces	DV
Hole diameter (mm)	12.5	10	10	12,5
Lead (m)	4	4	4	4

Specifications	FUNK 90/130/150	MINI	Kit226 (Lux700-PL)	Kit224 (Lux1500-PL)
Operating frequency	26-28 MHz	26÷28 MHz	26-28 MHz	26-28 MHz
Number of channels	-	40	40	120
Maximum applicable power	200/250/300 W	80 W	600 W pep	1000 W pep
R.O.S. min. in centre band	<1.2	1.2:1	<1.2	<1.2
Length (cm)	90/130/150	68	90	164.5
Impedance (Ohm)	50	50	50	50
Weight (g)	160/190/200	210	330	358
Whip material	Steel	Stainless steel	Stainless steel	Stainless steel
Antenna connection type	DV	3 pieces	Magn. base 120mm with PL (SO239 antenna only)	Magn. base 120mm with PL (SO239 antenna only)
Hole diameter (mm)	10	12.5	16 (without magn. base)	16 (without magn. base)
Lead (m)	4/4/4	4 with PL259	4	4

Specifications	Kit212 (ML143)	Kit007 (ML145)	LC29	LC65
Operating frequency	26-28 MHz	26-28 MHz	26-28 MHz	26.965-27.405 MHz
Number of channels	120	90	40	40
Maximum applicable power	300 W pep	400 W pep	10/30 W (picco)	60/300 W (picco)
R.O.S. min. in centre band	<1.2	<1.2	≤1.2:1	≤1.2:1
Length (cm)	170	146	29	115
Impedance (Ohm)	50	50	50	50
Weight (g)	1500	1600	400	1000
Whip material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Mount	Magn. base 120mm with PL (SO239 antenna only)	Magn. base 120mm with PL (SO239 antenna only)	Magn. base Ø 68 mm with PL	Magn. base Ø 120mm with PL
Hole diameter (mm)	16 (without magn. base)	16	-	-
Lead (m)	4		4	

Specifications	BM-MLC143	120/PL	BM-150PL	BM Mini
Frequency range	26-460 MHz	26-460 MHz	26-460 MHz	26-460 MHz
Max. speed	80/130 Km/h	80/130 Km/h	80/130 Km/h	80/130 Km/h
Base diameter	Ø 120 mm	Ø 120 mm	Ø 150 mm	Ø 35 mm
Weight	940 g	700 g	800 g	100 g
Lead	4 m	3 m	3.9 m	2.4 m

# Antennas specifications

Specifications	MC45	Specifications	MC45
Frequency	26-28 MHz	Whip material	Stainless steel inox
Max. speed	140 km/h	Weight	165 g
Maximum applicable power	180 W	Polarization	Vertical
Impedance	50 Ohm	Connector	PL259
R.O.S. min. in centre band	< 1.2	Lead	RG-174
Length (cm)	450 mm		

Specifications	RV65	Energy New 1/2	Energy New 5/8	VHF1
Operating frequency	26-28 MHz	25-29 MHz	25-29 MHz	108-550MHz
Maximum applicable power	10 W (picco)	500 W PEP	500 W	100 W
Type	-	-	-	-
Channels number	40	-	-	-
Impedance	50 Ohm	50 Ohm	50 Ohm	50 Ohm
Band R.O.S.	< 1.2	1.2:1	1.2:1	1:1.2
Length (cm)	65	575	650	51
Weight	300 g	2.1/2.5 Kg	2.5 Kg	300 g
Ø support pole	-	30-40 mm	30-40 mm	-
Connector	PL	SO 239	SO239	PL259 (not supplied)
Whip	Steel	Aluminium	Aluminium	Steel
Hole diameter	-	-	-	12 mm
Lead	5 m	-	-	4 m

## Table of channels/power/band for Multi CB

Code	Country	MHz
<b>I</b>	Italy 40 CH AM / FM 4 Watt	26.965-27.405
<b>I2</b>	Italy 34 CH AM / FM 4 Watt	26.875-27.265
<b>D4</b>	Germany 80 CH FM 4 Watt / 40 CH AM 4 Watt	26.565-27.405
<b>EU</b>	Europe 40 CH FM 4 Watt / 40 CH AM 1 Watt	26.965-27.405
<b>EC</b>	CEPT 40 CH FM 4 Watt	26.965-27.405
<b>E</b>	Spain 40 CH AM/FM 4 Watt	26.965-27.405
<b>F</b>	France 40 CH FM 4 Watt / 40 CH AM 4 Watt	26.965-27.405
<b>PL</b>	Poland 40 CH AM/FM 4 Watt	26.960-27.400
<b>UK</b>	England 40 CH FM 4 Watt + EC (40 CH FM 4Watt CEPT) or + I Italy 40CH AM/FM 4W (it depends on the radio model)	27.60125-27.99125 + 26.965-27.405
Code	Export Version	MHz
<b>RU</b>	Russia 400 CH AM/FM 4 Watt	25.615-30.105
<b>PX</b>	Poland 400 CH AM/FM 4 Watt Polish frequencies	25.610-30.100
<b>SW</b>	Sweden 24 CH FM 4 Watt 31 MHz	30.930-31.570
<b>AU</b>	Australia 40 CH AM 4 Watt	26.965-27.405
<b>AM</b>	Australia 10 CH AM 4 Watt	27.680-27.980
<b>NZ</b>	New Zealand 40 CH AM 4 Watt	26.330-26.770

**40-channel  
CB: free use  
in Italy and  
Europe**

**NB:** the multi CB radios can have different use bands, in any case included in the above table. For further information, please check the user manuals that can be downloaded on [midlandeurope.com](http://midlandeurope.com) in the **Product section**.

## CB overview tables

Model	Alan 42 DS	Midland 88
<b>Type</b>	Portable multiband CB	Vehicle multiband CB
<b>General</b>		
<b>Channels/Bands</b>	See multi equipment table page 36	See multi equipment table page 36
<b>Frequency range</b>	26.565 MHz - 27.99125 MHz	26.565 - 27.99125 MHz
<b>Power supply</b>	12.6 Vdc ± 10%	12/24Vdc
<b>Size (WxHxD)/weight</b>	70 x 140 x 30 mm/220 g (- batt)	188x57x77/677g
<b>Mic. connector</b>	2-pin Midland	6-pin
<b>Receiver</b>		
<b>Sensitivity for 20dB Sinad</b>	< 1 µV	< 1 µV
<b>Audio output power</b>	0.5W	> 3W
<b>Audio distortion</b>	3%@1kHz	<3% @ 1Hz
<b>Transmitter</b>		
<b>Output power</b>	1W/4W AM-FM	4W AM/FM
<b>Modulation</b>	AM 90% ±5%, FM 2KHz	AM: 90%; FM: 1.9KHz
<b>Max. current drain</b>	900mA	<2000mA

Modello	Alan 48 Pro	Alan 78 Pro	Alan Quarantotto
<b>Type</b>	Vehicle multiband CB	Vehicle multiband CB	Vehicle AM-FM CB
<b>General</b>			
<b>Channels/Bands</b>	See multi equipment table page 36	See multi equipment table page 36	40 AM -40 FM
<b>Frequency range</b>	26.565 - 27.99125 MHz	26.565 - 27.99125 MHz	26.965 - 27.405 MHz
<b>Power supply</b>	12/24 Vdc	12/24 Vdc	12.6 Vdc ± 10%
<b>Size (WxHxD)/weight</b>	180 x 50 x 150 mm/1 Kg	180 x 35 x 140 mm/0,850 Kg	165 x 55 x 205 mm/1,500Kg
<b>Mic. connector</b>	6-pin	6-pin	4-pin "48"
<b>Receiver</b>			
<b>Sensitivity for 20dB Sinad</b>	0.5±1 µV	< 1 µV	<1µV
<b>Audio output power</b>	> 3W	> 2W	4W max
<b>Audio distortion</b>	< 8% @ 1kHz	< 8% @ 1 KHz	< 5%@1kHz
<b>Transmitter</b>			
<b>Output power</b>	1W/4W AM-FM	1W/4W AM-FM	4W AM-FM
<b>Modulation</b>	AM: 90%, FM: 1.8 kHz +/- 0.2 kHz	AM: 90%, FM: 1.8 kHz +/- 0.2 kHz	AM 90% ±5%, FM 2kHz
<b>Max. current drain</b>	1100mA	1100mA	1500mA

# CB overview tables

Model	Alan Sessantotto	Midland M-30	Midland M-5
<b>Type</b>	Vehicle AM-FM CB	Vehicle multiband CB	Vehicle multiband CB
<b>General</b>			
<b>Channels/Bands</b>	34 AM-FM	See multi equipment table page 36	See multi equipment table page 36
<b>Frequency range</b>	26.875 MHz - 27.265 MHz	26.565 - 27.99125 MHz	26.565 - 27.99125 MHz
<b>Power supply</b>	12,6 Vdc ± 10%	12÷24V	12.6 Vdc ± 10%
<b>Size (WxHxD)/weight</b>	165 x 55 x 205 mm/1.500Kg	120x37x160 mm/820 g	110x120x25 mm/380 g
<b>Mic. connector</b>	4-pin "48"	RJ45	RJ45
<b>Receiver</b>			
<b>Sensitivity for 20dB Sinad</b>	<1µV	<1µV	<1µV
<b>Audio output power</b>	4W max	4W max	3W+2W
<b>Audio distortion</b>	<5%@1 kHz	<5%@1 kHz	<5%@1 kHz
<b>Transmitter</b>			
<b>Output power</b>	4W AM-FM	4W AM-FM	1W/4W AM-FM
<b>Modulation</b>	AM 90% ±5%, FM 2kHz	AM 90% ±5%, FM 2kHz	AM 90% ±5%, FM 2kHz
<b>Max. current drain</b>	1500mA	2000mA	<1600mA

Model	Midland M-Mini USB	M Zero Plus	Alan 100 Plus B
<b>Type</b>	Vehicle multiband CB	Vehicle AM-FM CB	Vehicle AM-FM CB
<b>General</b>			
<b>Channels/Bands</b>	See multi equipment table page 36	40 AM/40 AM -40 FM	40 AM-40 FM
<b>Frequency range</b>	26.565 - 27.99125 MHz	26.965 - 27.405 MHz	26.965 - 27.405 MHz
<b>Power supply</b>	12.6 Vdc ± 10%	12.6 Vdc ± 10%	12.6 Vdc ± 10%
<b>Size (WxHxD)/weight</b>	102x100x25 mm/450 g	110 x 45 x 140 mm/665 g	124x38x190 mm/1,200 Kg
<b>Mic. connector</b>	RJ45	4-pin	4-pin
<b>Receiver</b>			
<b>Sensitivity for 20dB Sinad</b>	<1µV	<1µV	<1µV
<b>Audio output power</b>	4W max	2W max	4,5 W max
<b>Audio distortion</b>	< 5%@1kHz	< 5% @ 1kHz	< 8% @ 1kHz
<b>Transmitter</b>			
<b>Output power</b>	1W/4W AM-FM	4W AM-FM	4W AM-FM
<b>Modulation</b>	AM 90% ±5%, FM 2kHz	AM: 90% - FM 2kHz	AM: 90%, FM: 2 kHz
<b>Max. current drain</b>	<1600mA	1500mA	1100mA





# RADIO

WALKIE TALKIE | AMATEUR VHF/UHF | MARINE VHF

 **MIDLAND**<sup>®</sup>  
MOVING COMMUNICATION

# Why buy a radio and which one to choose?

Usually, emergency and security situations are associated with radios: first aid, police, firefighters, civil protection. These are just some examples of professional figures that come to mind when we talk about radios.

What if we told you that they are not the only radio users? What if we told you there are others? Radios are widely used in places that have to manage the public and require rapid communication tools on wide surfaces, for example: department stores, shopping centres, restaurants, hotels and

seaside resorts.

## Advantages:

- Radios are not afraid of shocks, low or high temperatures. They are made to last over time.
- Signal coverage: radios always have signal, anywhere (there are no “grey areas” such as in basements, in the mountains, etc.).
- Speed in communications. It is not important to know the telephone numbers of all interlocutors.

**Just press a button: PTT.**

## Your first radio



Are you looking for an easy-to-use and affordable radio?

---

XT5

---

XT10 Pro/XT10

---

## Radios for business



Do you have a store, a club or a hotel?

---

777 Pro

---

G10 Pro

---



Indestructible models for the harshest environments:

---

G11 Pro

---

G15 Pro

---

G7 | G9 Pro Work Edition

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**PMR446: contribution of €12 and declaration of activity start abolished.**

The decree issued on 17/7/2020 which sanctions the liberalization of the PMR446 band has finally become law. Thanks to Law No. 120 of 11 September 2020, it is now no longer necessary to fill in and submit the self-certification to the Italian Ispettorato Territoriale and pay an annual contribution of €12. What are you waiting for? Buy your PMR446 radio and use it without wasting more time, as in the rest of Europe.

**Radios for your passions**



Do you like travelling or outdoor activities?

XT Pro Line

XT Line

GB1-R



Are you a hunter or do you like tactical games such as softair or paintball?

G7 Pro

G9 Pro

G13

**I want the best**



If you're looking for the most advanced technology, these are the right radios for you.

G15 Pro

G18 Pro

# Radio models in comparison

## Key



Distance



Mechanical resistance



Functions



Autonomy



Water resistance



Price

### G18 Pro



### G15 Pro



### G13



### G11 Pro



### G10 Pro



### 777 Pro



### G9 Pro



### G7 Pro



### XT70 Pro



### XT50 Pro



### XT30 Pro



### XT10 Pro



### XT5



### GB1-R





■ **Multi CA PB-G15 Pro - C1573**  
6 position multicharger (optional)

**G18 Pro**, the most advanced model of the PMR446 walkie talkie range becomes **professional**. It keeps the **rugged frame** built to military standards, a high visibility screen, **IP67 certification** as dust and water resistant, and is capable of withstanding the harshest environments. It adds the **RRM channel function** to the previous model, a fast recall to the Rete Radio Montana channel, programmable via software. **G18 Pro** meets all types of needs and uses.

**Version:** PMR446  
**Colour:** Black  
**Channels:** 16+83 pre-set  
**Tones:** 50 CTCSS + 105 DCS normal/inverted

**Features**

- **Extended frequency band:** from 446.00625 to 446.19375MHz
- Aluminium chassis
- IP67 certified
- Output power: ≤500mW ERP
- Channel spacing: 12.5kHz
- Military Standard MIL-STD 810G Compliance
- Rete Radio Montana (only for Italy)
- Channel scanning
- Voice announcement
- Roger Beep, Auto power save
- Monitor
- Squelch
- Vox
- FM Radio, Scrambler and Compander
- Power supply: Li-Ion 1600 mAh battery pack
- 2-pin Motorola accessory socket



# G18 Pro

The indestructible walkie talkie becomes professional and exceeds the military reliability standards.

<b>99</b> CHANNELS 16+83 PREPROG	<b>155</b> CTCSS+DCS TONES	 WATERPROOF IP67	 SCAN	 VOICE ANNOUNCEMENT	 FM RADIO
 SCRAMBLER	 COMPANDER	 VOX	 ROGER BEEP	 CH RRM RETE RADIO MONTANA	 BATTERY PACK
 PROGRAMMABLE	 2-PIN MOTOROLA				

**Packaging and codes**

Radio, desktop charger, wall adapter, rechargeable Li-Ion battery pack (1600 mAh), belt clip.  
**code C1145.02**

**Export version 5W**

**Programming software PRG-G15 - C1131**

Customisation of channels and frequencies, activation/deactivation/of specific functions.

# G15 PRO

THE RIGHT PARTNER WHEN RELIABILITY AND STURDINESS ARE VITAL.



Discover the video





# G15 Pro

The indestructible IP67

<b>32</b> CHANNELS 16+16 PREPROG	<b>155</b> CTCSS+DCS TONES	 WATERPROOF IP67	 SCAN	 VOICE ANNOUNCEMENT	 VOX
 ROGER BEEP	 BATTERY PACK	 PROGRAMMABLE	 2-PIN MOTOROLA		



## Multi CA PB-G15 Pro - C1573

6 position multicharger (optional)

The **G15 Pro** is the leading walkie talkie in the professional category. With a durable aluminium chassis and truly high-performance water protection, take it wherever you want and mistreat it too.

You will always find it there, next to you, ready to help you in your endeavours.

**8 new PMR446 channels guaranteeing a low level of congestion (radio spectrum free from traffic).**

- Version:** PMR446
- Colour:** Black
- Channels:** 16 + 16 pre-set
- Tones:** 50 CTCSS + 105 DCS

### Features

- **8 new PMR446 channels**
- **Extended frequency band:** from 446.00625 to 446.19375MHz
- Aluminium chassis
- IP67 certified
- 16/32 channel quick selection
- Output power: ≤500mW ERP
- Channel spacing: 12.5kHz
- Channel scanning
- Voice announcement
- Side tone: end of transmission tone silencer
- Roger Beep
- Auto power save
- Monitor, Squelch, Vox
- Power supply: Li-Ion 1600 mAh battery pack
- 2-pin Motorola accessory socket

### Packaging and codes

Radio, desktop charger, wall adapter, rechargeable Li-Ion battery pack (1600 mAh), belt clip.

code **C1127.03**

### Export version 5W

### Programming software PRG-G15 - C1131

Customisation of channels and frequencies, activation/deactivation/of specific functions.

Discover the video



## G13 | G13 Blaze

Up to 40 hours autonomy

<b>99</b> CHANNELS 16+83 PREPROG	<b>156</b> CTCSS+DCS TONES	 WEATHERPROOF IPX4	 SCAN	 SCRAMBLER	 VOX
 DUAL WATCH	 ROGER BEEP	 BATTERY PACK 40H	 CH RRM RETE RADIO MONTANA	 PROGRAMMABLE	 2-PIN KENWOOD



### Multi CA PB-G13 C1541.01

4 position multicharger  
(optional)

### Discover the High Performance accessories page 69

**G13** is the new model in the MIDLAND line dedicated to the world of hunting. Those who practice hunting activities must be able to count on a reliable, versatile and long-lasting radio. If you think you're a hunter and you're looking for a walkie talkie that will always allow you to signal your presence in the shooting area... add the new G13 portable transceiver to your equipment. **8 new PMR446 channels ensure a low level of congestion (traffic-free radio spectrum).**

**Version:** PMR446

**Colour:** Black  
Mimetic Mossy Oak orange

**Channels:** 16 + 83 pre-set

**Tones:** 50 CTCSS + 106 DCS normal/inverted

#### Features

- **8 new PMR446 channels**
- **Extended frequency band:** from 446.00625 to 446.19375MHz
- High efficiency, 2,600mAh Li-ion battery (**autonomy up to 40 hours**)
- High-performance loudspeaker
- LCD display with backlighting
- Aluminium chassis
- IPX4 watertightness
- LIGHT keyboard (3 keys only)
- VOX, Scan, Dual Watch, Monitor
- Scrambler (via optional programming software)
- 2-pin Kenwood accessory socket

#### Packaging and codes

Radio, desktop charger, wall adapter, 2600mAh Li-Ion rechargeable battery pack, belt clip.

**code C1462 (Black)**

**code C1462.03 (Blaze)**

**Export version: 5W**

#### Programming software PRG 10 - C974.01

Customisation of channels and subtones, activation/deactivation/of specific functions.



A person wearing a high-visibility orange and grey safety vest is shown in profile, holding a G13 radio. The background is a vast, open field under a clear sky. In the foreground, the head of a dog is visible, looking towards the person. The overall scene is bathed in warm, golden light, suggesting a sunrise or sunset.

# G13

RELIABLE AND VERSATILE RADIO,  
UP TO 40 HOURS' AUTONOMY.



■ Discover the High Performance accessories page 69

**G11** evolves and becomes **Pro**.

Radio with multiple functions, introduces 8 new channels of the PMR446 band to ensure more “private” and less congested communications.

**G11 Pro** is a device with attention to the smallest details to guarantee excellent performance, thanks also to its incomparable audio for high quality communications. Its sturdy mechanical structure and its metal chassis make it a very reliable transceiver and suitable in various situations.

**8 new PMR446 channels ensure a low level of congestion (traffic-free radio spectrum).**

- Version:** PMR446
- Colour:** Black
- Channels:** 16 + 16 pre-set
- Tones:** 50 CTCSS + 105 DCS normal/inverted

**Features**

- Aluminium chassis
- **8 new PMR446 channels**
- **Extended frequency band:** from 446.00625 to 446.19375MHz
- Output power: 500mW
- 16/32 channel quick selection
- Voice announcement
- Channel spacing: 12.5kHz
- VOX function (hands-free transmission)
- Channel scanning, function button beeps
- Roger beep
- Monitor
- TOT (Time Out Timer)
- Auto power save
- Power supply: 1600 mAh Li-Ion battery pack
- 2-pin Kenwood accessory socket

**Packaging and codes**

Radio, desktop charger, wall adapter, rechargeable Li-Ion battery pack (1600 mAh), belt clip.  
**code C966.06**

**Export version: 5W**

**Programming software PRG 10 - C974.01**

Customisation of channels and subtones, activation/deactivation of specific functions.

# G11 Pro

For noisy environments

<b>32</b> CHANNELS 16+16 PREPROG	<b>155</b> CTCSS+DCS TONES	 VOX	 SCAN	 VOICE ANNOUNCEMENT	 ROGER BEEP
 BUSY CHANNEL	 BATTERY PACK	 PROGRAMMABLE	 2-PIN KENWOOD		



■ **Multi CA PB-G13 - C1541.01**

4 position multicharger (optional)

■ **Discover the High Performance accessories page 69**

Clean and compact design, technical performance, perfect also for professional communications in low-complexity environments, this is the **Midland G10 Pro** walkie talkie.

Thanks to an immediate signalling of the selected channel and the programming software, the **G10 Pro** will be the perfect partner for all your needs.

An entry level with great performance with **8 new PMR446 channels guaranteeing a low level of congestion (radio spectrum free from traffic).**

**Version:** PMR446

**Colour:** Black

**Channels:** 16 + 16 pre-set

**Tones:** 50 CTCSS + 116 DCS normal/ inverted

**Features**

- **8 new PMR446 channels**
- **Extended frequency band:** from 446.00625 to 446.19375MHz
- Output power: 500mW
- Channel spacing: 12.5kHz
- 16/32 channel quick selection
- Channel scanning
- Voice announcement
- Function button beeps
- Monitor
- Auto power save
- Power supply: 1200 mAh Li-Ion battery pack
- 2-pin Kenwood accessory socket

**Packaging and codes**

Radio, desktop charger, wall adapter, Li-Ion rechargeable battery pack (1200 mAh), belt clip.  
**code C1107.04**

**Export version: 5W**

**Programming software PRG 10 - C974.01**

Customisation of channels and subtones, activation/ deactivation of specific functions.

# G10 Pro

Simple and strong radio

<b>32</b> CHANNELS 16+16 PREPROG	<b>166</b> CTCSS+DCS TONES	SCAN	VOICE ANNOUNCEMENT	BATTERY PACK	PROGRAMMABLE
 2-PIN KENWOOD					



Discover the video









reddot winner 2020

# 777 Pro

The coolest walkie talkie for small business



- 85**  
CHANNELS  
16 PMR446+69 LPD
- 142**  
CTCSS+DCS  
TONES
-   
VOX
-   
EXTRA LOUD  
SPEAKER
-   
VIBRACALL  
FOR NOTIFICATIONS
-   
BATTERY PACK  
BATTERY LIFE 14H
-   
USB RECHARGER
-   
I-PIN



#### ■ 777 Pro Limited Edition

Elegant and handy case complete with a rich range of accessories.



When the night comes on, rhythm dictates the laws of the evening and the fun doesn't stop, but the unexpected can always happen. What for some is an opportunity for entertainment, for others is a serious and responsible profession.

For this purpose you need a reliable radio but at the same time elegant and aesthetically refined radio, to fulfil its duty in the best possible way, like the 777 Pro, winner of the prestigious international **REDDOT DESIGN AWARDS**.

Wide black display, EDD™, with white lighting, **8 new PMR446 channels that ensure a low level of congestion (traffic-free radio spectrum).**

**Version:** Dual band PMR446/LPD  
**Colour:** Black  
**Channels:** 16 PMR446 + 69 LPD  
**Tones:** 38 CTCSS + 104 DCS

#### Features

- **8 new PMR446 channels**
- **Extended frequency band: from 446.00625 to 446.19375MHz**
- Black EDD™ display with white lighting, 50% wider than the previous model
- Super-powerful loudspeaker

- 1000mAh Li-Ion battery pack (up to 14 hours' autonomy)
- Recharge via micro USB side socket or use the desktop charger
- Vibracall function for notifications even in noisy environments
- VOX function with 9 selectable levels
- 38 CTCSS tones / 104 DCS codes
- Earpiece socket with 1.35mm pin in the upper part for greater wearability

#### Packaging and codes

##### Twin pack box:

2 radios with belt clip, 1 dual desktop charger, 2 Li-Ion 1000mAh rechargeable battery packs, micro USB cable.

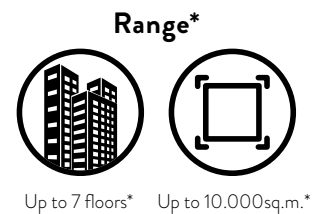
**code C1365**

##### Limited Edition case:

2 radios with belt clip, 1 dual desktop charger, 2 Li-Ion 1000mAh rechargeable battery packs, micro USB cable, 1 wall charger, 2 MA21-777 Pro microphones, 2 neck straps.

**code C1365.01**

##### Export version 2W



\* Depends on usage conditions



reddot winner 2021

Discover the video



**Midland G9 Pro** is the radio used in any outdoor context. With a 30% larger display, audio improved by 30%, a more powerful antenna and a dual PTT that allows you to instantly select high and low power, your communication becomes easier and more fun. **G9 Pro** is the first to introduce the **8 new frequencies of the PMR 446 band**, which are freely used all over Europe, for communications free of overlaps and congestion by other users. Among the optional accessories you can choose the lithium battery pack to make it even lighter and more durable.

**Version:** Dual band PMR446/LPD  
**Colour:** Black /Mimetic Mossy Oak®  
**Channels:** 16 + 16 pre-set PMR446 - 69 LPD  
**Tones:** 38 CTCSS + 104 DCS

#### Features

- **8 new PMR446 channels**
- **Extended frequency band:** from 446.00625 to 446.19375MHz
- Weatherproof IPX4
- High-performance loudspeaker
- Wide LCD display (**30% wider** than the previous version)
- Weatherproof IPX4
- Double PTT button for high/low power
- Emergency function
- Out of range function
- VOX with TalkBack™
- Side tone: end of transmission tone silencer
- Vibracall, Dual Watch
- Keypad lock, Scan, Monitor
- TOT (Time Out Timer)
- Low battery indicator and power save
- 12cm antenna to make the most of the full radio transmission power
- High-low power selection
- Call button with 5 available tones
- Roger Beep: end of call tone (can be deactivated)
- Power supply: batteries or battery pack Ni-MH/Li-Ion (optional)
- 2-pin accessory socket
- Compatible wall charger: MW904

#### Packaging and codes

Radio, desktop charger, wall adapter, 4 rechargeable AA batteries (1800 mAh), belt clip.

**code C1385 Dual band black version**  
**code C1385.01 Dual band mimetic version**

**Export version 5W**

## G9 Pro

The world's best-selling outdoor radio

 CHANNELS 36 PMR446-69 LPD	 CTCSS+DCS TONES	 WEATHERPROOF IPX4	 SIDE TONE	 EMERGENCY	 DUAL PTT
 CALL	 DUAL WATCH	 TOT	 OUT OF RANGE	 VOX TALK BACK	 VIBRACALL
 SCAN	 BATTERY LEVEL	 CH RRM RETE RADIO MONTANA	 AA BATTERY	 BATTERY PACK NI-MH OR LI-ION (OPT.)	 2-PIN



**Midland G7 Pro** is the radio for those who love outdoor activities. Hiking, airsoft, climbing, hunting are just a few examples of the perfect use of this walkie talkie. A compact and elegant design that always accompanies you in your passions. Among the optional accessories you can choose the lithium battery pack to make it even lighter and more durable.

**8 new PMR446 channels ensure a low level of congestion (traffic-free radio spectrum).**

**Version:** Dual band PMR446/LPD  
PMR446

**Colour:** Grey/Black - Mimetic Mossy Oak

**Channels:** 16 PMR446 - 69 LPD

**Tones:** 38 CTCSS + 104 DCS

**Features**

- **8 new PMR446 channels**
- **Extended frequency band:** from 446.00625 to 446.19375MHz
- Dual watch: to monitor 2 different channels at the same time
- Double PTT hi/low power
- Vibracall, Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator
- 3 types of VOX (Vox standard - Vox Baby-Sitting - Vox Bike) adjustable to 2 levels, for hands-free communication
- CALL with 5 different melodies, SCAN
- Power supply: battery pack Ni-MH 800 mAh or Li-Ion 1200 mAh (optional), 4 AA batteries
- Roger beep end call switchable
- 2-pin accessory socket
- Compatible wall charger: MW 904

**Packaging and codes**

**Single pack box:**

Radio, wall charger, 4 rechargeable Ni-MH AA 1.2V/800 mAh batteries, belt clip.

**code C1090.14 Dual band black version**

**code C1090.15 Dual band mimetic version**

**Twin pack box:**

2 radios, double desktop charger, wall adapter, 2 800 mAH battery packs, belt clip.

**code C1090.13 Dual band black version**

**Export version 3W**

# G7 Pro

Perfect combination of simplicity and efficiency

<b>85</b> CHANNELS 16 PMR446+69 LPD	<b>142</b> CTCSS+DCS TONES	 WATERPROOF IPX2	 CALL	 VOX	 SIDE TONE
 DUAL PTT	 HIGH/LOW POWER	 DUAL WATCH	 VIBRACALL	 TOT	 BATTERY LEVEL
 AA BATTERY	 BATTERY PACK NI-MH OR LI-ION (OPT.)	 2-PIN			

*An indestructible case designed for the harshest environments. Earphones, desktop chargers and rechargeable batteries are included in a kit that can be easily carried anywhere.*



## G9 Pro

2 or 4 radios Work Edition



## G7 Pro

2 or 4 radios Work Edition



### Packaging and codes

#### 2 transceivers Work Edition:

2 G9 Pro transceivers with belt clips, 8 1800 AA Ni-MH rechargeable batteries, 2 desktop chargers, 2 wall power supplies, 2 MA24-L microphones.

**code C1385.04 Black dual band**

#### 4 transceivers Work Edition:

4 G9 Pro transceivers with belt clips, 16 1800 AA Ni-MH rechargeable batteries, 4 desktop chargers, 4 wall power supplies, 4 MA24-L microphones.

**code C1385.05 Black dual band**



### Packaging and codes

#### 2 transceivers Work Edition:

2 G7 Pro transceivers with belt clips, 1 double desktop charger with wall adapter, 2 800mAh battery packs, 2 MA24-L microphones.

**code C1090.18 Black dual band**

#### 4 transceivers Work Edition:

4 G7 Pro transceivers with belt clips, 2 double desktop chargers with wall adapters, 4 800 mAh battery packs, 4 MA24-L microphones.

**code C1090.19 Black dual band**





# XT PRO SERIES

THE MOST USED LINE **FOR THE OUTDOOR** BECOMES COOLER AND **MORE PROFESSIONAL.**



reddot winner 2022



XT70 Pro

XT70 Pro Hobby&Work

## XT70 Pro Hobby & Work version

12 Km range\*, with earphones, volume knob and quick desktop charger



■ **XT70 Pro Hobby & Work**  
The full optional case

The **Pro** version of the **XT70** has an admirable technical upgrade. Compared to the previous one, we find the PMR446 extended band, rain protection (Waterproof IPX4), adjustable squelch and 9 VOX levels.

Winner of the Red Dot award in the Design category.

**Version:** PMR446/LPD  
**Colour:** Blister Black/Metallic Dark Grey  
Case Black/Orange  
**Channels:** 16+16 pre-programmed PMR446 - 69 LPD  
**Tones:** 38 CTCSS + 104 DCS

### Features

- Waterproof IPX4
- Emergency call function
- Side tone: end of transmission tone silencer
- Wide liquid crystal display with backlight
- Low battery indicator
- Auto power save
- CALL button with 10 selectable tones
- Rete Radio Montana (available only in Italy)
- **Typical autonomy up to 12 hours** with the 700mAh (Ni-MH) battery pack supplied
- 3 hours' quick charger
- Monitor function, Baby sitter function
- Volume adjusting knob
- Channel selection buttons
- Automatic or manual out of range
- SCAN, VibraCALL, Dual Watch function
- Squelch (9 levels), Keyboard lock
- High/low power selection (PMR band)
- Roger Beep that can be switched off
- VOX for hands-free communications with 9 selectable levels
- 2-pin accessory jack

### Packaging and codes

#### Blister:

2 radios, 2 belt clips, 1 double quick desktop charger, 2 700mAh rechargeable battery packs, 1 wall power supply  
**code C1465**

#### Case:

2 radios, 2 belt clips, 2 Ni-Mh 700mAh rechargeable battery packs, 1 wall power supply, 1 double desk charger, 2 MA21-Li microphones, 2 neck collars.  
**code C1465.01**

**Export 4W version**



XT50 Pro

XT50 Pro Hobby&amp;Work

## XT50 Pro Hobby & Work version

8 Km range\*, with earphones



\* In optimal environmental and atmospheric conditions



■ **XT50 Pro Hobby & Work**  
The full optional case

The features previously proposed by the XT50 and XT60 models converge in the **XT50 Pro**; to these are added further functions and a body always in strong colours!

The PMR446 band is extended and includes the special RRM channel (Rete Radio Montana); the chassis is not afraid of humidity (Waterproof IPX2).

**Version:** PMR446/LPD  
**Colour:** Black/Blue  
Case Black/Yellow  
**Channels:** 16 PMR446 - 69 LPD  
**Tones:** 38 CTCSS + 83 DCS

### Features

- Waterproof IPX2
- Side tone: end of transmission tone silencer
- Liquid crystal display with backlight
- Low battery indicator
- Auto power save: automatic battery saving circuit
- CALL button
- Rete Radio Montana (available only in Italy)
- **Typical autonomy up to 12 hours**
- SCAN function
- Monitor function
- Keypad lock
- High/low power selection
- Roger Beep that can be switched off
- VOX for hands-free communications with 6 selectable levels
- 2-pin accessory jack / micro USB for charging

### Packaging and codes

#### Blister:

2 radios, 2 belt clips,  
2 Ni-MH 700mAh rechargeable battery packs, 2-way  
USB cable  
**code C1464**

#### Case:

2 radios, 2 belt clips, 2 Ni-MH 700mAh rechargeable  
battery packs, 2-way USB cable, 2 MA21-Li  
microphones, 2 neck collars.

**code C1464.01**



## XT30 Pro

6 Km range\*



**XT30 Pro** keeps the green colour to give continuity, but definitely expands its performance with a wider frequency band and resistance to humidity and dew (splash proof).

**Version:** PMR446  
**Colour:** Black/Metallic green  
**Channels:** 16  
**Tones:** 38 CTCSS

### Features

- Rechargeable via USB
- High-performance loudspeaker
- Splash proof
- Side tone: end of transmission tone silencer
- Auto power save
- Low battery indicator
- VOX, CALL, SCAN, keypad lock
- Power supply: 3 rechargeable AAA batteries (**up to 5 hours' autonomy**)
- 2-pin accessory jack/USB for charging

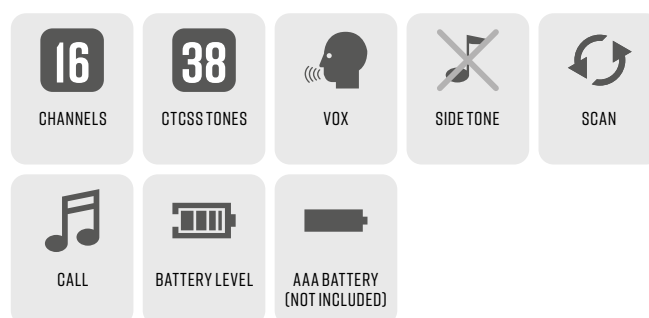
### Packaging and codes

Blister with 2 radios, 2 belt clips, 6 AAA rechargeable batteries, 2-way USB cable.  
**code C1463**



## XT10 Pro

4 Km range\*



The new version of this model introduces appreciable technical improvements, including the extended PMR446 band and resistance to humidity and dew (Splash proof).

**Version:** PMR446  
**Colour:** Black/Red  
**Channels:** 16  
**Tones:** 38 CTCSS

### Features

- High-performance loudspeaker
- Splash proof
- Side tone: end of transmission tone silencer
- Auto power save: automatic battery saving
- Low battery indicator
- VOX, CALL, SCAN, keypad lock
- Power supply: 3 AAA batteries (**up to 20 hours' autonomy**)

### Packaging and codes

Blister with 2 radios, 2 belt clips.  
**code C1459**



**XT5** is the new and colourful pocket 'miniature' radio for the whole family. Use real channels, scan all frequencies in a 4km range, use half-duplex transmission and make the adventure even more thrilling!

Designed to have fun with the whole family and of course with friends, the new XT5 walkie talkie is compact, available in bright colours and almost stylized in shape.

Easy to use and intuitive, the walkie talkie in question is equipped with a screen, which displays the channel you are using or the battery level, and a group of 5 buttons with the PTT button in the centre, which is easily recognizable and opens communication with other radios.

XT5 also allows customizing some functions, such as the activation of the Roger Beep as an alert at the end of the call or to silence the tone at the end of the transmissions. Fun to use, in the open air the XT5 walkie talkie becomes indispensable for every little explorer, attached to the belt via the practical clip.

**Version:** PMR446  
**Colour:** Blue/Yellow/Red/Green  
**Channels:** 8  
**Tones:** 38 CTCSS

**Features**

- Roger Beep
- Range: up to 4 km\*
- Belt clip
- VOX on 3 levels
- SCAN function
- 38 CTCSS tones
- Monitor
- Channels scan
- Battery level indicator
- Transmission end tone silencer
- Call function

**Packaging and codes**

Blister with 4 radios in different colours and belt clips.  
**C1425.01**

# XT5

The walkie talkie for families

\* In optimal environmental and atmospheric conditions

<b>8</b> CHANNELS	<b>38</b> CTCSS TONES	 VOX 3 LEVELS	 SCAN	 SIDE TONE	 CALL
 BATTERY LEVEL					



# Serie Talker XT

## XT70 | XT70 Adventure

12 Km range\*, with earphones, volume knob and quick desktop charger



XT70

XT70 Adventure

**Version:** PMR446/LPD  
**Colour:** Blister Black /Metallic dark grey  
 Case Black /Yellow  
**Channels:** 8 + 16 pre-set PMR446 - 69 LPD  
**Tones:** 38 CTCSS + 83 DCS

### Features

- Rechargeable via USB
- Side tone: end transmission tone muffler
- Out of range, Baby-Sitting function, Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator
- VOX with 9 levels of sensitivity
- CALL with 5 selectable tones
- SCAN
- High/low power selection
- Fast charger (4 hours)
- Power supply: Rechargeable battery pack (up to 18 hours battery life)
- 2-pin accessory jack/USB for charging

### Packaging and codes

**Blister:** 2 radios, 2 professional belt clips, 1 double desktop charger, 2 rechargeable battery packs, USB cable, 2 earpiece microphones MA21-Li.

**code C1180**

**Case:** 2 radios, 2 professional belt clips, 2 single desktop fast chargers, 2 rechargeable battery packs, 2 wall adapters, 2 USB cables, earpiece microphones MA21-Li.

**code C1180.01**



## XT60

10 Km range\*, with volume knob and quick desktop charger

**Version:** PMR446/LPD  
**Colour:** Black /Metallic light blue  
**Channels:** 8 + 16 pre-set PMR446 - 69 LPD  
**Tones:** 38 CTCSS + 83 DCS

### Features

- Rechargeable via USB
- Side tone: end transmission tone muffler
- Auto power save: automatic battery saving
- Low battery indicator
- VOX with 9 levels of sensitivity
- CALL with 5 selectable tones
- SCAN, Keypad lock
- High/low power selection, Fast charger (3 hours)
- Power supply: Rechargeable battery pack (up to 12 hours battery life)
- 2-pin accessory jack/USB for charging

### Packaging and codes

Blister with 2 radios, 2 belt clips, 1 double desktop charger, 2 rechargeable battery packs, USB cable.

**code C1179**



\* In optimal environmental and atmospheric conditions

## XT50 | XT50 Adventure

8 Km range\*, with desktop charger



XT50

XT50 Adventure



**Version:** PMR446  
**Colour:** Blister Black /Metallic grey  
 Case Black /White  
**Channels:** 8 + 16 pre-set  
**Tones:** 38 CTCSS

### Features

- Rechargeable via USB
- Side tone: end transmission tone muffler
- Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator
- VOX with 3 levels of sensitivity
- CALL, SCAN
- Power supply: Rechargeable battery pack (up to 12 hours battery life)
- 2-pin accessory jack/USB for charging

### Packaging and codes

**Blister:** 2 radios, 2 belt clips, 1 double desktop charger, 2 rechargeable battery packs, USB cable.

**code C1178**

**Case:** 2 radios, 2 belt clips, 1 double desktop charger, 2 rechargeable battery packs, USB cable, 1 wall adapter, 2 earphones MA21Li.

**code C1178.03**

## XT30

6 Km range\*



**Version:** PMR446  
**Colour:** Black /Metallic green  
**Channels:** 8 + 8 pre-set  
**Tones:** 38 CTCSS

### Features

- Rechargeable via USB
- Side tone: end transmission tone muffler
- Auto power save: automatic battery saving
- Low battery indicator
- Keypad lock, VOX, CALL, SCAN
- Power supply: 3 rechargeable AAA batteries (up to 5 hours battery life)
- 2-pin accessory jack/USB for charging

### Packaging and codes

Blister with 2 radios, 2 belt clips, 6 AAA rechargeable batteries, 2 way USB cable.

**code C1177**

## XT10

4 Km range\*



**Version:** PMR446  
**Colour:** Black /red  
**Channels:** 8 + 8 pre-set  
**Tones:** 38 CTCSS

### Features

- Side tone: end transmission tone muffler
- Auto power save: automatic battery saving
- Low battery indicator
- Keypad lock, VOX, CALL, SCAN
- Power supply: 3 AAA batteries

### Packaging and codes

Blister with 2 radios, 2 belt clips.

**code C1176**

Please check your country  
use restrictions



Very small: 100x85x22mm

## GB1-R

The PMR446 that looks like a CB



**GB1-R** guarantees wide-ranging communications and radio contact with other users equipped with PMR446 equipment. Superb solution for those who **travel by car or caravan**, above all due to the fact that, operating on PMR446 frequencies, it is not affected by disturbances generated by the engine of your vehicle. **GB1-R**, thanks to its very small size, integrated magnetic antenna and the supplied 12V cigarette lighter plug, can be installed and removed quickly without having to be fixed in the special compartment of the dashboard. The metal chassis makes it very robust to ensure excellent performance over the years.

**Version:** PMR446

**Colour:** Black

**Channels:** 8 + 91 pre-set

**Tones:** 50 CTCSS + 104 DCS

### Features

- Microprocessor-controlled frequency
- 'Flip' function: the transceiver can be fitted with the speaker aimed downwards or vice-versa, the display is inverted by pressing a button
- Adjustable squelch on 9 levels
- SCAN function and Monitor
- LCD display
- Integrated magnetic antenna
- TOT (Time out timer)\*
- Side tone: noise blanker at end of transmission
- Busy channel (BCLO-Busy Channel Lockout)\*
- Broad/narrow band selection 25kHz/12.5kHz (only export version)\*
- High/low power (only export version)\*

### Packaging and codes

Radio, microphone, microphone holder, integrated wired magnetic antenna, mounting bracket, fixing screws, supply cable with car charger.

**code C1198.02**

### Export version 5W

\* Software programmable only Extra UE countries

### Programming software PRG-GB1 C1227

Complete with USB cable to connect to a PC



# The real radio amateurs.

They are people who, both out of passion and out of curiosity, entered the wonderful world of radio and were able to appreciate the joy that you feel when communicating thousands of kilometres away.  
From a regulatory point of view, the radio amateur is a person authorized to transmit, that is, who has obtained the so-called license and general authorization.

## How to achieve this?

First of all, it is necessary to acquire a minimum of knowledge of radio technology and the use of all the frequencies assigned internationally to the Amateur Service.

The figure of the radio amateur still plays a very important role in the event of a disaster by making available its tools and ability to ensure links between the various bodies in order to disseminate news and coordinate relief efforts.

## VHF/UHF models in comparison

### Key



Distance



Mechanical resistance



Functions



Autonomy



Water resistance



Price

### CT990-EB VHF-UHF amateur



### CT590 S VHF-UHF amateur



### Arctic Marine VHF





■ **Supplied with 2 antennas**

**Long antenna:** enhances the radio performance in TX/RX

**Short antenna:** allows better handling

**CT990-EB, IP67 certified** for use even in extreme conditions, has two supplied antennas that allow you to choose based on the type of use and requirements. Thanks to its **10W**, this radio has a good potential to hook up a repeater bridge, and for example reach distances of a few tens of kilometres, even 50 Km. The CT990-EB is equipped with the **Dead Man** or Man Down function, very useful when you are alone or isolated. This function constantly monitors the status of the person wearing the radio and detects a fall to the ground due to illness or injury. CT990-EB is the reliable radio you can always take with you.

**Version:** Dual Band VHF/UHF

**Colour:** Black

**Frequency:** 144-146MHz  
(Export 136-174MHz)  
430-440MHz  
(Export 400-470MHz)

**Output power:** 10W VHF/UHF

**Features**

- 257 memory channels
- 83 + 83 DCS codes and 38 CTCSS tones
- Selectable channel spacing 25/12.5 kHz
- Dual band VHF/UHF displayed
- Frequency band (settable according to country/area of use): 144-146MHz & 430-440MHz (Rx/Tx).
- Operating mode: UHF/VHF, VHF/VHF or UHF/UHF
- Selectable channel step 25/12.5kHz
- IP67 certificate
- Dead Man function
- **DQT function (private conversation)**
- Wide colour LCD display
- Activation tones for repeater bridges
- Individual/group selective calls
- VOX, Side Tone, Roger Beep functions
- Voice indication of the selected "VOICE" function
- Optional display of the channel number, channel number and frequency, channel name
- Inverted frequency function
- Scan function/FM radio receiver
- Selectable transmission power: 10/5W
- Frequency offset, Shift repeater
- "Busy channel lock" function
- Output power level indicator on the display
- TOT (Time Out Timer), Keypad lock
- Reset of functions/channels
- Low battery voice announcement
- Li-Ion 3600mAh battery pack
- Accessory socket: 2-pin Kenwood

**Packaging and codes**

Radio, **long and short antennas**, Li-Ion 3600mAh battery pack, belt clip, desktop charger, wrist strap, wall adapter.

**code C1339.01**

**Programming software PRG10 - C974.01**

Complete with USB connection cable for PC

# CT990-EB (Extra Battery)

The most powerful VHF/UHF, autonomy up to 21h

VOX	BATTERY LEVEL	WATERPROOF IP67	DEAD MAN	SCAN	DTMF
TOT	DQT TONE	BUSY CHANNEL	ULTRA HIGH/LOW POWER	COLOR DISPLAY	BATTERY PACK
PROGRAMMABLE	2-PIN KENWOOD				



**Version:** VHF/UHF  
**Colour:** Black  
 Mimetic Mossy Oak orange  
**Frequency:** 144-146MHz  
 (Exp. 136-174MHz)  
 430-440MHz  
 (Exp. 400-480MHz)  
**Output power:** 5W VHF/UHF

**Features**

- 50 CTCSS tones and 208 DCS codes
- 128 channels can be stored
- 1750Hz tone for repeater bridges
- Emergency SOS function
- Channel and dual band VHF/UHF displayed
- Operation mode:  
 UHF/VHF, UHF/UHF, VHF/VHF
- Output power: 5W UHF/VHF
- 3-colour LCD display with selectable  
 backlight
- FM radio receiver (87.5-108MHz)
- Scan, Dual Watch
- Channel Spacing: 25 kHz/12.5 kHz
- VOX adjustable on 10 levels
- Channel or frequency mode selection
- TOT (Time Out Timer)
- DTMF Function
- Reverse function
- Emergency alarm function
- Setting up and storing channel names
- CTCSS and DCS code search function
- PTT-ID
- BCLO (Busy Channel Lockout function)
- High/low power selection
- Frequency step: 2.5/5/6.25/10/12.5/25kHz
- Adjustable Frequency Offsets: 0-69.990MHz
- Adjustable Offset Direction
- Squelch adjustable on 9 levels
- Voice announcement of the selected function
- Keypad lock
- Power Save (battery economy)
- Programmable from PC
- Li-Ion 1500 mAh battery pack
- 2-pin Kenwood accessory socket

# CT590 S | CT590 Blaze

The entry level dual bander

VOX	BATTERY LEVEL	EMERGENCY	SCAN	CTCSS/DCS SCAN	TOT
BUSY CHANNEL	HIGH/LOW POWER	DTMF	FM RADIO	VOICE ANNOUNCEMENT	DISPLAY 3 COLOURS
BATTERY PACK	PROGRAMMABLE	2-PIN KENWOOD			

**Packaging and codes**

Radio, 1500 mAh 7.4V Li-Ion battery pack, desktop fast charger, wall adapter, antenna, belt clip.

**code C1354 Black**  
**code C1354.02 Blaze**

**Programming software PRG10 - C974.01**

Complete with USB connection cable for PC



# ARCTIC

FOR SAFETY AT SEA



■ **Multi CA PB-G15 Pro - C1573**  
6 position multicharger (optional)

**Midland Arctic** is an **IP67 certified** VHF marine portable transceiver combining professional technical features with sturdiness and reliability. Its functions are all at hand, including the **button to access emergency channel 16 straight away**. The antenna can be removed and thanks to the standard **SMA connector**, it is possible to use other types of antenna. The management of the Charlie and Alpha channels and functions takes place via optional programming software.

#### Features

- IP67 waterproof certification
- Aluminium chassis
- Transmission power: 5W
- High/low power selection (5W/1W)
- 57 international channels
- Programmable channels (through software) - also Charlie and Alpha!
- Backlit wide LCD display
- Instant access to the emergency channel 16
- VOX, SCAN function
- Dual Watch/Triple Watch
- 10 different Squelch levels
- Priority channel
- Keypad lock
- Roger Beep (end of call tone) and keypad beep
- Flat battery indicator and automatic battery saver
- Power supply: Li-Ion battery pack
- 2-pin Motorola accessory socket

#### Packaging and codes

Radio, desktop charger, wall adapter, Li-Ion 1600 mAh rechargeable battery pack, belt clip.  
**code C1240**

**Export version: USA/Canada channels**

#### Programming software PRG-G15 - C1131

Complete with USB connection cable for PC

## Arctic

The ultimate marine portable VHF radio



# Earpiece microphones

## 2-Pin "L"-shaped socket

### Only PTT

#### MA21 Secure TX C1543

Microphone with adjustable earpiece and PTT, with curly cord.



#### MA 21-Li C709.07

Earpiece microphone.



#### MA 24 Secure TX C1544

Earpiece microphone with ergonomic and comfortable headset and PTT.



#### MA 26 - XL C515.05

Speaker microphone with volume control and earpiece socket.



#### MA 31 Secure TX C1545

Microphone with pneumatic earpiece and PTT.



## 2-Pin "L"-shaped socket

### VOX+PTT

#### MA 21-L Pro C1496

Microphone with adjustable earpiece and selectable PTT/VOX, with curly cord.



#### MA 30 - L Pro C1526

Microphone with adjustable arm and selectable PTT/VOX.



#### MA 24-L Pro C1525

Speak/listen microphone with selectable PTT/VOX.



#### MA31 L Pro C1497

Microphone with pneumatic earpiece and selectable PTT.



#### MA 28 - L C559.03

Speak/listen microphone with selectable PTT/VOX  
NB: MA28-G5 except Alan421-G5XT.



#### MA 35 - L C652.02

Headphone with microphone.



## 2-Pin Motorola socket

#### MA 25-M C1129

Waterproof speaker microphone, compatible with Midland G15/G18 line. 2-pin "L"-shaped socket.



#### MA 31-M C732.06

Microphone with pneumatic earpiece, compatible with Midland G15/G18 line.



#### MA 27-M C1130

Microphone with PTT, compatible with Midland G15/G18 line.



# Earpiece microphones

## 2-Pin "L"-shaped Kenwood socket



### BA21 C1298 HIGH PERFORMANCE

Adjustable earpiece microphone and PTT. Ergonomic and comfortable, extremely robust cable for professional use.



### BA24 C1296 HIGH PERFORMANCE

Headset microphone. Ergonomic and comfortable, extremely robust cable for professional use.



### BA31 C1299 HIGH PERFORMANCE

Microphone with pneumatic headset and PTT. Discreet and flexible, high quality transparent hose. Cable for professional use.



### MA21-LK Pro C1496.01

Microphone earphone



### MA 21-XK C709.06

Microphone with adjustable earpiece and PTT.



### MA 21-LKi C1306

Microphone with adjustable earpiece and PTT, curly cord, competitive price.



### MA21-KE C1495

Microphone with pneumatic headset. LISTENING ONLY



### MA22-LK Pro C1542

Speaker microphone. Only PTT.



### MA25 LK C1540

Speaker microphone waterproof.



## 1-Pin socket



### MA21-777 Pro C1437

Microphone earphone with PTT, 1-pin 3.5 mm (777 Pro).



### MA31-777 Pro C1438

Microphone with pneumatic earpiece and PTT, 1-pin 3.5 mm (777 Pro).



### MA 21-SX C709.02

Microphone with adjustable earpiece and selectable PTT/VOX, with 2.5-mm curly cord (Midland 777).



## 1-Pin socket listening only touristic use (single use)



### C1243

Iphone style earphone, mono, 3.5 mm  
Listening only (for Alan 507).



### C1282

Iphone style earphone, jack silver  
3.5 mm - cable length 115 cm.



The Action Line accessories stand out for their hard-wearing design, technical specifications, practicality and quality of materials. The Action Line is not compatible with Vox functions.

Compatible with Midland and Kenwood transceivers.

## Earpiece accessories for Softgunners

### Military headset



#### To listen without being heard

Military headset with detachable boom microphone (it can be worn on the right or on the left), tactical PTT and dual sound system (traditional speaker or air tube earpiece).



Speaker

Air tube earpiece

#### Bow-M Evo C1046.02

2-Pin Midland socket

#### Bow-M Evo K C1046.03

2-Pin Kenwood socket

### PTT+Clip



#### PTT+Midland Clip for Bow-M C1088

2-Pin Midland socket

#### PTT+Kenwood Clip for Bow-M C1088.01

2-Pin Kenwood socket



### Microphone with PTT

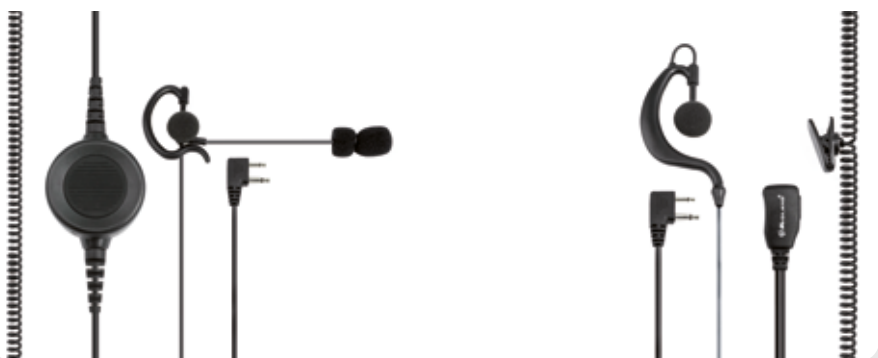


#### ABM Tactical C855.01

Earpiece microphone with adjustable arm and tactical PTT. 2-Pin Midland socket.

#### A21M C858

Earpiece microphone with standard PTT. 2-Pin Midland socket.



### Earpiece



#### EP21 C859

Earpiece 3.5mm jack socket (not compatible with Midland 777).  
**Listening only**





# Walkie talkie accessories

## Chargers



**R73713** G7 Pro

Double desktop charger  
**Attention: to be used only with R73168 wall charger.**

**R73579** Midland 777

Double desktop charger.

Onda

## Cigarette lighter



**AL777 C803** 777, G5 R1,

Cigarette lighter power lead.

G12, Pacific

## Wall chargers



**MW904 C689**

Wall charger.

G9 Pro, G9  
G9 Plus, G7 Pro  
G7XT, G6XT  
G5XT, G8, M24  
MA48, MA99

**MW905 C887**

Wall charger.

Midland 777  
Onda, G12  
G5 R1, Pacific

**R71968**

Wall charger  
with double jack.

Midland 777  
Onda

## Batteries



**C1433**

AA rechargeable battery  
1800mAh (4 AA).

G9 Pro  
G7 Pro

**PB-777Pro R01956**

1000mAh Lithium rechargeable battery  
pack.

777 Pro

**Battery Kit 4 Pcs R02246**

650mAh Lithium rechargeable battery.

Midland 777  
Onda

**PB-G10 Pro C1454**

2600mAh Lithium rechargeable battery.

G10 Pro  
G13

**PB-G10 C1126**

1200mAh Lithium rechargeable battery.

G10

**PB-G11 C967**

1600mAh Lithium rechargeable battery.

G11 line



**PB-G15/18 C1128**

1600mAh Li-Ion rechargeable battery.

G15, G18 lines

**PB-Pro C1148**

1200mAh Lithium rechargeable battery.

G7 Pro  
G9 Pro

**PB-ATL/G7 C784**

800mAh Ni-MH rechargeable battery.

G7/G9 Lines,  
Pacific

**PB-X7 C1301**

1000mAh rechargeable battery pack.

XT 70

**PB-X6 C1300**

700mAh rechargeable battery pack.

XT60  
XT50 Pro  
XT50

**PB-BR01 R74611**

2800mAh Lithium rechargeable battery  
pack.

BR01

**PB-BR03 R01916**

2300mAh Li-Ion rechargeable battery  
pack.

BR03

**PB200/400 C846**

1200mA Li-Ion rechargeable battery  
pack.

G14  
CT 200/400  
CT 210/410

**PB-70 Pro C1523**

700mAh Ni-Mh rechargeable battery  
pack.

XT70 Pro  
G7/G9 lines

## Multichargers



**Multi CA-G13 C1541.01**

4 position multicharger.

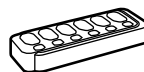
G13, G10 Pro



**Multi CA PB-G15 Pro C1573**

6 position multicharger.

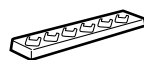
G15, G18 lines  
Arctic



**Multi CA PB-BR03 C1353**

6+6 position multicharger.

BR03



**Multi CA PB-BR02  
C1295**

6 position multicharger.

BR02

## VHF/UHF accessories

### Earpiece



**R73725**  
Earpiece microphone.

CT 510

See other earpieces/microphones with 2-pin Kenwood accessory socket, page 71.

### Batteries



**R02915**  
3600Mhz Li-Ion rechargeable battery.

CT 990

**R01937**  
2200Mhz Li-Ion rechargeable battery.

CT 990

**PB200/400 C846**  
1200mAh Li-Ion rechargeable battery.

CT 200/400  
CT 210  
CT410/710

### Chargers



**C1456**  
CT990 charger.

CT990

**R73642**  
Desktop battery charger  
(to be used with the R73644 USB  
cable).

CT 510

**R74116**  
Quick desktop charger with wall adapter.

CT890

### USB cable



**R73644**  
USB cable.

CT 510

## VHF/UHF antennas



**ANT710 R01940**  
For CT510 CT710 CT890



**R74455**  
For CT690 CT590 CT790  
CT200 CT400



**RH-771 C637**  
Flex



**SRH-536 C646**  
Super Flex-SMA

Features	ANT710	R74455	RH-771	SRH-536
Frequency	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz
Type	1/4λ(144MHz) 1/2λ(430MHz)	1/4λ- (144 MHz) 1/2λ- (430 MHz)	1/4λ(144MHz) 1/2λ(430MHz)	1/4λ- (144 MHz) 1/2λ- (430 MHz)
Band	136/174 MHz 400/470 MHz	136/174 MHz 400/470 MHz	120-150/300-450 MHz 800-900 MHz only in RX	300/800 MHz 900 MHz only in RX
Length (cm)	13	13	40	37
Connector type	SMA male	SMA female	BNC	SMA

## Walkie talkie antennas

### G7 Flex C646.01

Flex antenna with adapter. Length: 35cm.  
For Midland **G7 line, G8, G9, G14, G11, G15, G18.**



### R72770

Short antenna. Length: 9 cm. For Midland **G11, G14, G15, G18.**



### R73197

Long antenna. Length: 16 cm. For Midland **G11, G14, G15, G18.**



### Battery eliminator

#### C1406

Battery eliminator with power supply cable (cigarette lighter plug) for **G15/G18 line and Artic.**



## Various accessories

### Adapters and USB chargers

#### MP-DIN USB-C Car lighter C1565

12/24V double charger with DIN, USB and USB-C DIN socket.



#### MP-W Adapter C1197

12V cigarette lighter/Din adapter (BMW).



#### MP-H 2 USB Pro C1494

Dual USB socket motorcycle charger.



#### MP-DIN USB-C C1514

12/24V charger with USB+USB-C DIN socket.



# Business radio overview tables

Model	G18 Pro	G15 Pro	G13	G11 Pro
<b>Band</b>	PMR446	PMR446	PMR446	PMR446
<b>Channels</b>	16+83 pre-set	16+16 pre-set	16+83 pre-set	16+16 pre-set
<b>CTCSS and DCS</b>	50 CTCSS, 105 DCS	50 CTCSS, 105 DCS	50 CTCSS 106 "N+106 "I" DCS	50 CTCSS, 105 DCS
<b>Vox</b>	9 sensitivity levels	9 sensitivity levels	9 sensitivity levels	9 sensitivity levels
<b>Power supply</b>	1600mAh Li-Ion rechargeable battery pack	1600mAh Li-Ion rechargeable battery pack	2600mAh Li-Ion rechargeable battery pack	1600mAh Li-Ion rechargeable battery pack
<b>Autonomy 5/5/90</b>	22h	22h	40h	22h
<b>Display</b>	Multifunction back-lit LCD	-	Multifunction back-lit LCD	-
<b>Transmission power</b>	500mW ERP (high/low level)	500mW ERP	500mW ERP	500mW ERP
<b>Operating temperature</b>	-20° +55°C	-20° +55°C	-20° +55°C	-20° +55°C
<b>Weight (without batteries)</b>	146 g	138 g	129 g	123 g
<b>Size (WxHxD)</b>	113x56x38 mm	100x58x33 mm	117x60x42 mm	112x58x34 mm
<b>Connections</b>	Socket for audio accessories	Socket for audio accessories	Socket for audio accessories	Socket for audio accessories
<b>Accessory socket type</b>	2-pin Motorola	2-pin Motorola	2-pin Kenwood	2-pin Kenwood
<b>Compatible wall charger</b>	desktop charger only	desktop charger only	desktop charger only	desktop charger only

Model	G10 Pro	777 Pro	G9 Pro
<b>Band</b>	PMR446	PMR446-LPD (Dual-band)	PMR446-LPD (Dual-band)
<b>Channels</b>	16+16 pre-set	PMR446: 16 LPD: 69	PMR446: 16+16 progr. LPD: 69
<b>CTCSS and DCS</b>	50 CTCSS 116 "N+116 "I" DCS	38 CTCSS/104 DCS	38 CTCSS, 104 DCS
<b>Vox</b>	-	9 sensitivity levels	3 sensitivity levels + talk back
<b>Power supply</b>	1200mAh Li-Ion rechargeable battery pack	1000mAh Li-Ion rechargeable battery pack	4 AA 1800mAh rechargeable batteries or 4 AA alkaline batteries (opt)
<b>Autonomy 5/5/90</b>	16h	Up to 14 h	23h with 4 1800mAh batteries
<b>Display</b>	-	Liquid crystal EEDTM	Multifunction back-lit LCD
<b>Transmission power</b>	500mW ERP	500 mW ERP	PMR446 500/10mW ERP (high/low) LPD 10mW
<b>Operating temperature</b>	-20° +55°C	-20° +55°C	-20° +55°C
<b>Weight (without batteries)</b>	118 g	65 g	114 g
<b>Size (WxHxD)</b>	118x60x35 mm	44x85x27	68x120x35mm
<b>Connections</b>	Socket for audio accessories	Socket for audio accessories	Socket for audio accessories, charger
<b>Accessory socket type</b>	2-pin Kenwood	3.5mm (4 contacts)	2-pin
<b>Compatible wall charger</b>	Desktop charger only	Desktop charger only	MW904

# Walkie talkie overview tables

Model	G7 Pro	XT70 Pro	XT50 Pro
<b>Band</b>	PMR446-LPD (Dual-band)	PMR446-LPD (Dual-band)	PMR446-LPD (Dual-band)
<b>Channels</b>	PMR446: 16 LPD: 69	PMR446: 16 + 16 preprogr. LPD: 69 LPD	PMR446: 16 LPD: 69 LPD
<b>CTCSS and DCS</b>	38 CTCSS/104 DCS	38 CTCSS/104 DCS	38 CTCSS/83 DCS
<b>Vox</b>	6 sensitivity levels	9 sensitivity levels	3 sensitivity levels
<b>Power supply</b>	800mAh/1200mAh Li-Ion (opt) battery pack or 4 AA rechargeable batteries	700mAh battery pack (PB-70Pro)	3 AAA rechargeable batteries or 700mAh battery pack (PB-X6)
<b>Autonomy 5/5/90</b>	Up to 18h with 800mAh battery pack	Up to 17h	Up to 12h
<b>Display</b>	Multifunction back-lit LCD	Multifunction back-lit LCD	Multifunction back-lit LCD
<b>Transmission power</b>	PMR446 500/10mW ERP (high/low) LPD 10mW	500 mW ERP	500 mW ERP
<b>Operating temperature</b>	-20° +55°C	-20° +55°C	-20° +55°C
<b>Weight (without batteries)</b>	123 g	123 g	94 g
<b>Size (WxHxD)</b>	58x122x34 mm	58x120x33 mm	49x102x30 mm
<b>Connections</b>	Socket for audio accessories, charger	Socket for audio accessories	Socket for audio accessories, USB
<b>Accessory socket type</b>	2-pin	2-pin	2-pin
<b>Compatible wall charger</b>	MW904	C1254	R73487

Model	XT30 Pro - XT10 Pro	XT5	GB1-R
<b>Band</b>	PMR446	PMR446	PMR446
<b>Channels</b>	16	8	8+91 pre-set
<b>CTCSS and DCS</b>	38 CTCSS	38 CTCSS	50 CTCSS, 104 DCS
<b>Vox</b>	1 sensitivity level	3 sensitivity levels	-
<b>Power supply</b>	3 AAA rechargeable batteries	4 AAA batteries	12Vdc +/-10%
<b>Autonomy 5/5/90</b>	Up to 5h (XT30 Pro)	Up to 20h (with alkaline batteries)	-
<b>Display</b>	Multifunction back-lit LCD	-	Multifunction back-lit LCD
<b>Transmission power</b>	500 mW ERP	500 mW ERP	≤ 500mW ERP
<b>Operating temperature</b>	-20° +55°C	-20° +55°C	-20° +55°C
<b>Weight (without batteries)</b>	XT10 Pro: 75 g; XT30 Pro: 83 g	69 g (without battery)	220 g
<b>Size (WxHxD)</b>	48x90x29 mm	49x128x30 mm	100x85x22 mm
<b>Connections</b>	Socket for audio accessories, USB (XT30 Pro only)	-	Socket for external speaker
<b>Accessory socket type</b>	2-pin (XT30 Pro only)	-	3.5 mm mono
<b>Compatible wall charger</b>	R73487	-	-

## VHF/UHF radio overview tables

Model	CT990 EB	CT590S
Frequency	144-146MHz 430-440MHz	144-146MHz 430-440MHz
Operating temperature	-20°-+55°	-20°-+55°
Voltage supply	7.4V	7.4V
Operating mode	Simplex or Semi-duplex	Simplex or Semi-duplex
Size (without antenna)	140x60x35mm	115x58x35.5mm
Weight (battery included)	310 g	230 g
Antenna impedance	50Ω	50Ω
Use cycle	5/5/90	5/5/90
<b>Transmitter</b>		
Frequency stability	±2.5PPM	±2.5PPM
Output power	10W (UHF/VHF)	VHF: 5W UHF:5W
Max. frequency deviation	5kHz	5kHz
Audio distortion	≤ 3%	≤ 3%
<b>Receiver</b>		
RF sensitivity	< 0.2µV	< 0.2µV
Audio distortion	≤ 3%	≤ 3%
Audio response	300Hz ÷ 3kHz	300Hz ÷ 3kHz

## VHF marine radio overview table

Model	Arctic
Channels	57 international
TX frequency coverage	156,025 to 157,425 MHz
RX frequency coverage	from 156,300 to 162,000 MHz
Operating temperature	from -15°C to +55°C
Size (WxHxD)	115 x 55 x 37mm
Weight (transceiver only)	230 g
Accessory socket type	Motorola 2.5 mm/3.5 mm
Programmable	Via software (PRG-G15)
Water protection grade	IP67
<b>Transmitter</b>	
Output power	Selectable 1W or 5W
Frequency stability	±2.5PPM
Audio distortion	≤ 3%
<b>Receiver</b>	
Sensitivity 20dB Sinad	0.3 µV
Audio output power	300mW @ 10% THD
Audio distortion	< 10%



# VIDEO CAMERAS

DASH CAM | ACTION CAM | WEB CAM

**MIDLAND**<sup>®</sup>  
MOVING COMMUNICATION

# Camera models in comparison

## Key



Autonomy



Mechanical resistance



Water resistance



Functions



Supplied accessories



Price

### Bike Guardian Wifi



### Bike Guardian



### Street Guardian Easy



### Truck Guardian Pro



### Wireless RV Cam



### H9 Pro



### H5 Pro



### H3+



### W199



### Follow U





Discover the video



**1080P**  
FULL HD

## Bike Guardian Wi-Fi

Continuous recording motorcycle/car dash cam

 WI-FI	 CYCLE RECORDING	 DOUBLE USE: MOTORCYCLE/CAR	 WIDE ANGLE 170°	 WATERPROOF IP68	 1920X1080P (30FPS)
--	--	--	---	---	--



■ **Waterproof USB cable included**  
(available also as an option - R01988)

**Bike Guardian Wi-Fi** is the **FullHD** video camera for motorcycle or car, featuring constant recording, very useful in the event of an accident to determine causes and responsibilities.

Connected to the motorcycle or car USB port (if not present as standard, use the waterproof power cable supplied), it automatically begins recording when the vehicle starts and switches itself off when the vehicle is turned off. With the Visionbank application, you can control the video camera remotely using a smartphone or tablet.

**Bike Guardian Wifi** has a completely new look thanks to its metal case, with new finishes. It is **IP68 certified**, so it could even record up to 10 meters underwater!

### Motorcycle/car mode

Continuous recording when connected to an external power supply (car/motorcycle).

### Integrated Wi-Fi

Managed via app.

### G-Sensor

As it is equipped with an accelerometer, if there is an accident, recorded videos can be protected automatically.

### Motion Detection

Automatic recording, sensitive to the movements of those who walk in front of the camera to prevent theft and vandalism.



### Packaging and codes

Video camera, USB cable, waterproof USB cable, fixing bracket, handlebar mounting, suction cup mounting, bi-adhesive mounting consisting of: GO-PRO adaptor, screw, quick fixing, bi-adhesive flat base.

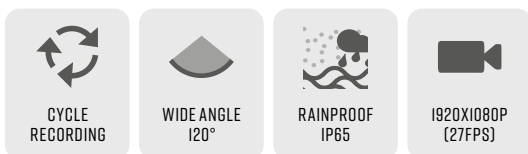
**code C1424**



**1080P**  
FULL HD

# Bike Guardian

The first motorcycle dash cam



■ **Waterproof USB cable included**  
(available also as an option - C1457)

**Bike Guardian**, the motorcycle camera with **FullHD** resolution, designed and made to be another “eye” that records everything that happens while you are riding. Highly useful in the event of an accident to prove who was involved and who was to blame.

**Bike Guardian** is the first motorcycle camera with continuous recording.

Connected to the motorcycle USB socket with the cable supplied, it starts recording automatically when the bike is switched on and turns itself off when it is switched off.

Bike guardian can be used also as a traditional action cam and, thanks to its integrated battery, allows up to 2 hours recording.

Integrated microphone and speaker.

### Rainproof

Bike Guardian is able to withstand bad weather, mud and dust, ensuring a video without interruptions. Even the cable, which connects the camera to the bike socket, is rainproof.

### Packaging and codes

Video camera, lock mount, handlebar mount, bi-adhesive flat mount, bi-adhesive curved mount, quick fixing, screw, GO-PRO adaptor, strap mount, USB cable, USB rainproof cable, wrist belt.

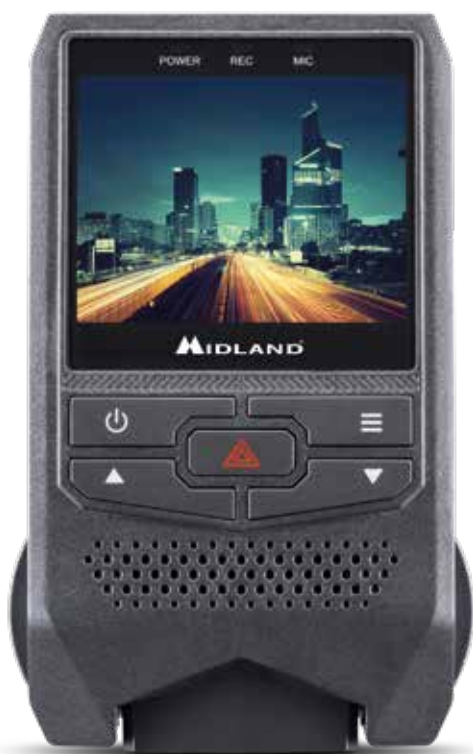
**code C1415**





# STREET GUARDIAN EASY

THE COMPACT DASH CAM DESIGNED FOR CHAUFFEURS AND TAXI DRIVERS



Real dimensions

**1080P**  
FULL HD

## Street Guardian Easy

The dash cam designed for all drivers of their own vehicles, chauffeurs and taxi drivers

 BLACK BOX	 CYCLE RECORDING	 WIDE-ANGLE 120°	 MOTION DETECTION	 G-SENSOR	 1920X1080P (30FPS)
 12 MP					



■ Extra flat (55x34x97 mm)  
invisible on your windscreen



■ Optional video camera  
R03072

**Street Guardian Easy** is a FULLHD car video camera. A superior class device, developed according to the needs of the driver.

### Exclusive and elegant design

It is strong and compact, it has a modern design that allows it to be perfectly integrated into the vehicle.

### It is reliable

thanks to a continuous recording of every single moment of the journey and saving of data (SOS file) in case of emergency. It also has a built-in accelerometer to protect the file in the event of a collision.

### Day/night shooting and motion detector

they make the driver feel safe with a witness that is always active and particularly useful in case of unforeseen events.

### Plug and play installation

with automatic on/off when the vehicle is started and off when the vehicle is stopped, the camera is very easy to use.

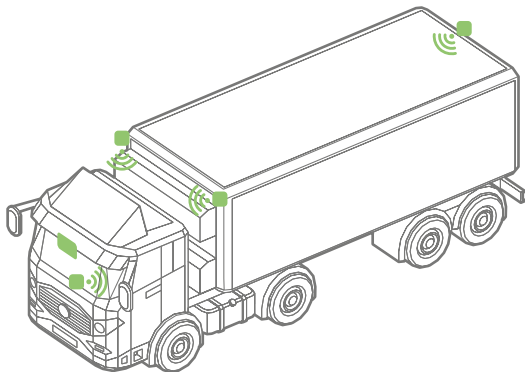
### Other technical details:

- 120° HD wide angle lens
- MOV Video Format
- Video Resolution 1920x1080, 1280x720 VGA
- MPEG-4 Video Codec
- JPEG photo format
- Built-in microphone/loudspeaker
- Micro SD memory card (up to 64GB)

### Packaging and codes

Video camera, cable with 12V cigarette lighter socket, USB cable for connection to PC, bi-adhesive mount and spare bi-adhesive  
**code C1557**





- Connect up to 4 cameras
- Supports SD Card

**Truck Guardian Pro** is a very useful truck camera as an aid during manoeuvres and driving support, also thanks to the reversing video camera. It also becomes an invaluable aid for trailer surveillance. Truck Guardian Pro is a kit made up of a monitor + video camera that can help the truck driver with extra control, thanks to recording on an SD card. The perfect kit to make every trucker's life easier.

**Manoeuvring aid**  
thanks to the reversing camera.

**Trailer surveillance**  
both internal and external.

**Night vision**  
thanks to the 18 infrared LEDs. In addition, a 7" monitor with an improved resolution from 480p to 1080p which provides sharper images.

**Wide range**  
guarantees good image reception even in trailing or armoured vehicles.

**Scalability**  
Possibility to add up to 4 cameras.

**Packaging and codes**  
**Truck Guardian Pro**  
Monitor with Wi-Fi antenna, sun visors, bracket and fixing screws, camera with Wi-Fi antenna, bi-adhesive tape and Allen key.  
**code C1512**

**Additional Pro Truck Camera**  
Video camera with Wi-Fi antenna and sun visor.  
**code C1535**



**1080P**  
FULL HD

# Truck Guardian Pro

The video camera most used by truck drivers becomes **Professional**

 WIRELESS UP TO 200M	 IP69K (CAMERA)	 7" MONITOR	 NIGHT VISION 18 IR LED	 CYCLE RECORDING	 WIDE-ANGLE 100°
 12/24V DUAL SUPPLY	 VIDEO RESOL. 1080P (60FPS)	 SUPPORTS 128GB SD CARD			

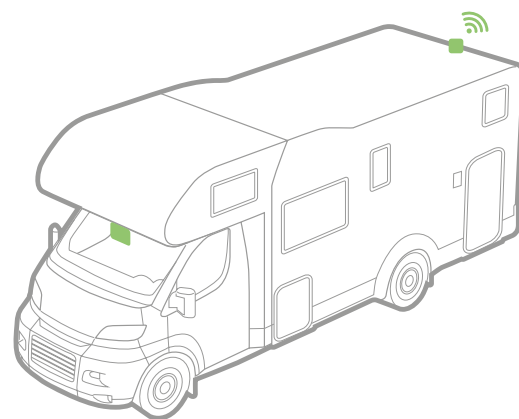




# WIRELESS RV CAM

THE PLUG & PLAY REVERSE GEAR KIT FOR RV





**Wireless RV Cam** has an immediate installation thanks to the suction cup mount of the monitor and the magnetic base of the camera that do not require any configuration. The wireless rear view camera can eliminate most blind spots and offers safer angled viewing when reversing.

**Ideal for motorhomes, campers or caravans.**

The switching on and off is automatic, it does not require external power supply as it is equipped with an integrated 2160mAh lithium battery.

**Plug & Play**

Setting up the Wireless RV Cam is super simple. The video camera can only be fixed with the magnetic base (therefore removable) or with screws (the camera can also be removed from the mount).

**Automatic**

The switching on and off is automatic, so Wireless RV Cam does not need any external power supply. The built-in 2160mAh lithium battery has an autonomy of 6-8h (continuous use).

**Maximum comfort**

Other than being an aid in manoeuvring (including trailer coupling), Wireless RV Cam carries out surveillance in the rear of the vehicle or from inside the trailer, etc.

**Packaging and codes**







Video camera with magnetic attachment base, monitor, suction cup mount, USB charging cable/jack, adhesive velcro fastening, fastening screws.

**code C1556**

# Wireless RV Cam

“Plug & Play” reversing camera kit for RV



-   
**WIRELESS UP TO 20M**
-   
**IP67 (CAMERA)**
-   
**4.3" MONITOR**
-   
**NIGHT VISION 12 IR LED**
-   
**PLUG & PLAY**
-   
**WIDE-ANGLE 120°**

# H9 PRO

THE TOP OF THE RANGE OF MIDLAND ACTION CAMS





Discover the video



### Optional microphone C1531

H9 changes its look and triples its functions in the Pro version. Perfect for your moments of madness with 4K HD resolution, 30fps and 20MP, viewing angle adjustable from the menu: 100°, 110°, 130°. It is waterproof up to 30m underwater, has an autonomy of 2 hours and 128GB of memory to record up to 18 hours of video. The touch screen also provides more efficient, intuitive and faster operation than other cameras without a touch screen. You can control the camera with the remote control and manage it via the dedicated app: iSmart DV.

### Triple function

Action Cam/Dash Cam/WebCam

### Display touch screen

The 2-inch IPS display shows a clearer and brighter image than LCDs, and the touch screen ensures faster, more efficient, intuitive operation than other cameras that do not have it.

### 7 video modes

Loop, time-lapse, slow motion, fast motion, dash cam, web cam, diving. And it has 5 photo modes: normal, burst, timed, self-timer, long exposure.

### High performance microphone

Automatic suppression of noise and wind thanks to the WNR (wind noise reduction) function.

### For motorcycle use

An external microphone is available to comment on your travels or record the roar of your engine (optional accessory, code C1531)

### Waterproof

Waterproof case up to 30m.

### Wi-Fi

It is easy to use even from a distance: thanks to the built-in Wi-Fi, through smartphone or tablet (iOS and Android) up to 15 m.

### Packaging and codes

30m waterproof case, handlebar mount, 1050mAh Li-Ion battery pack, quick coupling (x2), screw coupling, 90° support (x2), coupling with photographic screw, 180° support, flat base support (x2), USB cable, clamps, fastening clamps, metal clamp, cleaning cloth.  
**code C1518**



# H9 Pro

The top of the range of Midland action cams dresses in black with triple functions.

 WI-FI	 SUBMERSIBLE CASE 30M	 2" LCD DISPLAY TOUCH SCREEN	 VIDEO/PHOTO	 WEB CAM	 CYCLE RECORDING
 DIVING MODE	 IMAGE STABILIZER	 TIME LAPSE VIDEO/PHOTO	 MOTION DETECTION	 SELECTABLE WIDE ANGLE	



**H5** changes look and becomes **Pro**, bringing video quality to 4K 30fps!

The equipment includes integrated Wi-Fi, 4K recording, 2" rear LCD display, image stabilizer and waterproof case. The H5 Pro action cam can be controlled remotely from a smartphone or tablet thanks to the DV King 4K application.

**Integrated Wi-Fi**

Managed via the app.

**Image stabilizer**

Automatic elimination of micro vibrations, to achieve jitter-free video recording.

**Use flexibility**

It adapts to work and leisure requirements. Complete with numerous accessories.

**Wide angle**

Equipped with 120° wide angle lens for excellent shooting.

**Time Lapse**

Take great videos with the advanced Time Lapse feature.

**2" LCD display**

Midland H5 Pro features the integrated display for framing, easily adjusting settings and playing back videos and photos.

**30m waterproof case**

The submersible case supplied protects the action cam from water up to a depth of 30 metres, but also from mud and dust.



# H5 Pro

The action cam to relive all the colours and details of your adventures.

4K WI-FI	SUBMERSIBLE CASE 30M	2" LCD DISPLAY	VIDEO/PHOTO	WEB CAM	IMAGE STABILIZER
TIME LAPSE VIDEO/PHOTO	CYCLE RECORDING	WIDE ANGLE 120°			



**Packaging and codes**

30 m waterproof case, handlebar mount, 1050mAh Li-Ion battery pack, quick coupling (x2), screw coupling, 90° support (x2), coupling with photographic screw, 180° support, flat base support (x2), USB cable, clamps, fastening clamps, metal clamp, cleaning cloth.

**code C1515**



**H3+** is complete with integrated Wi-Fi, Full HD, image stabilizer and waterproof case. The action cam for all your craziest moments.

With the GoPlus Cam application, you can control the video camera remotely using a smartphone or tablet.

#### **Integrated 2" LCD screen**

Midland H3 + features the integrated display for framing, easily adjusting settings and playing videos and photos.

#### **Wi-Fi**

Thanks to the integrated Wi-Fi, Midland H3 + connects to smartphones and tablets to view, review and share videos and photos through the dedicated GoPlus Cam App (iOS and Android).

#### **Motion detection**

Automatic recording, sensitive to the movements of the wearer.

#### **Dash cam**

Continuous recording when connected to an external power supply (car/motorcycle).

#### **Image stabilizer**

Automatic elimination of micro vibrations

#### **Waterproof case 30m**

The submersible case supplied protects the action cam from water up to a depth of 30 metres, but also from mud and dust.

#### **Packaging and codes**

Video camera, case waterproof to 30m, frame, quick fixing, flat based mounting, photographic fixing with screw, USB cable, Li-Ion battery pack

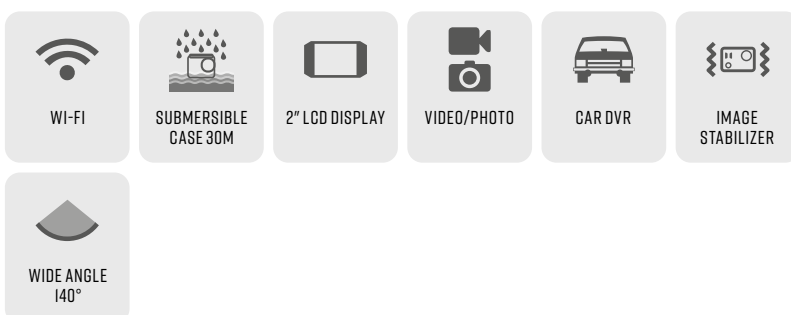
**code C1235.01**



**1080P**  
FULL HD

## H3+

The action cam everyone can use





A simple product, but in-between times: you connect it and immediately start shooting in HD, with built-in microphone, with a “Smart” price.

The perfect solution for those who need to interact through live audio and video. Stay at home, but always connected with the **W199** web cam.

#### Features

- Sensor: CMOS
- Autofocus, exposure and white balancing
- Built-in digital microphone
- Cable length: 1.5 m
- Photo supported files: jpeg, yuy2
- Screenshot files: jpeg, png, bmp
- Clip to hang it on the computer
- Weight: 140 g - Dimensions: 7x2.5x2 cm

#### Packaging and codes

Webcam, USB 2.0 cable  
**code C1476**

**Follow U** is the perfect webcam for those who need to move during the live broadcast. The Follow U webcam can in fact recognize the human physiognomy and follow the interlocutor thanks to the innovative LTS® (Live Tracking System) function.

A simple product to install: you connect it and immediately start shooting in Full HD (1920\*1080px), with double integrated microphone and compatible with the most used systems such as Skype, Zoom, FaceTime, Facebook, YouTube, PotPlayer etc.

#### Features

- LTS® function (Live Tracking System) precise and intelligent recognition of human physiognomy
- Automatic 360° rotation
- Built-in stereo microphone
- Plug&Play, no installation drivers required
- 1 Touch Button Tracking, lightly touch the webcam to enable/disable the LTS® function
- WDR® (Wide Dynamic Range), processes the image to improve its quality
- High Definition without buffering, so as not to burden the processor of the PC/Mac
- Noise Reduction Processing, removes annoying background noise for a crystal clear audio
- Higher Sound Pickup Quality, for a faithful rendering of the voice pitch
- Auto Light Dimming, also ideal for poorly lit environments
- Livestream Webcam, perfect for your live social media

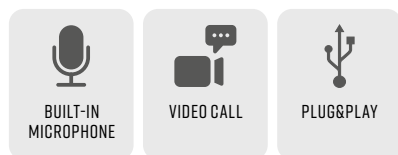
#### Packaging and codes

Webcam - **code C1522**

**1080P**  
**FULL HD**

## W199

The perfect webcam for smartworking



**1080P**  
**FULL HD**

## Follow U

The 360° webcam that follows you up to a distance of 3m

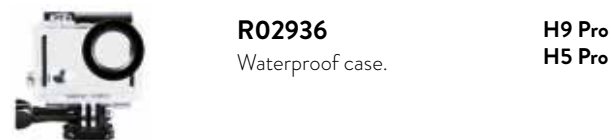


# Video camera accessories

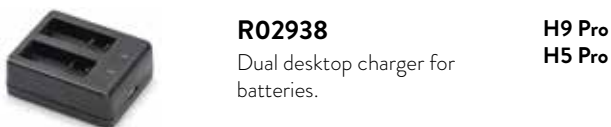
## H9/H5 Pro accessories



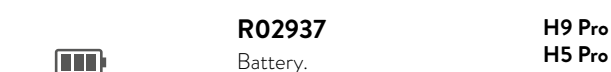
**C1531** H9 Pro  
Micro USB microphone.



**R02936** H9 Pro  
H5 Pro  
Waterproof case.

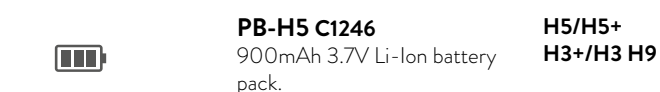


**R02938** H9 Pro  
H5 Pro  
Dual desktop charger for batteries.



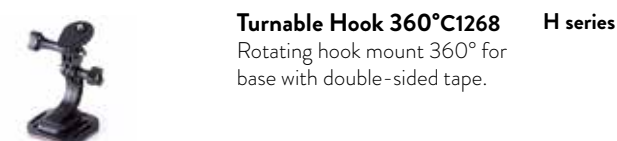
**R02937** H9 Pro  
H5 Pro  
Battery.

## Battery

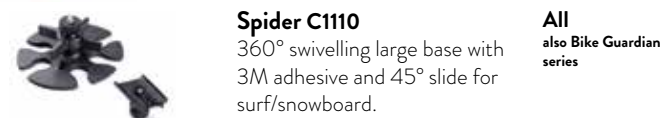


**PB-H5 C1246** H5/H5+  
H3+/H3 H9  
900mAh 3.7V Li-Ion battery pack.

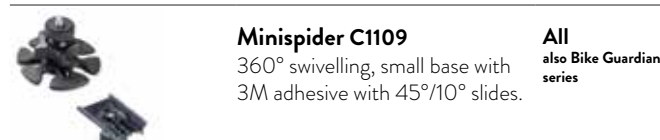
## Surface accessories



**Turnable Hook 360° C1268** H series  
Rotating hook mount 360° for base with double-sided tape.

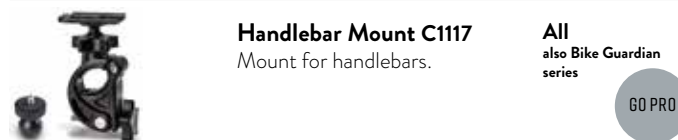


**Spider C1110** All  
also Bike Guardian series  
360° swivelling large base with 3M adhesive and 45° slide for surf/snowboard.

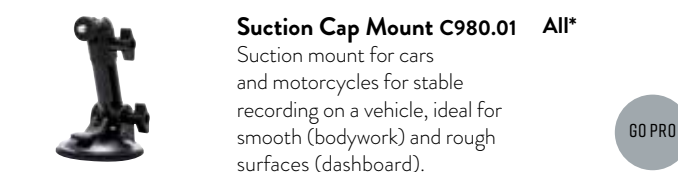


**Minispider C1109** All  
also Bike Guardian series  
360° swivelling, small base with 3M adhesive with 45°/10° slides.

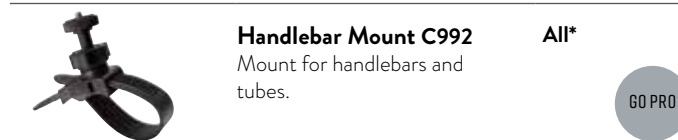
## Vehicle accessories



**Handlebar Mount C1117** All  
also Bike Guardian series  
Mount for handlebars.



**Suction Cap Mount C980.01** All\*  
Suction mount for cars and motorcycles for stable recording on a vehicle, ideal for smooth (bodywork) and rough surfaces (dashboard).

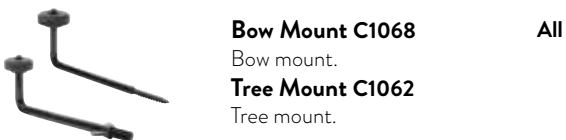


**Handlebar Mount C992** All\*  
Mount for handlebars and tubes.

## Tactical/weapon accessories

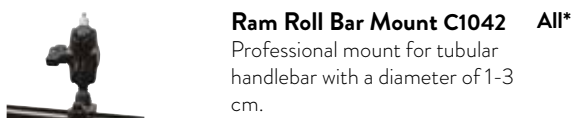


**Universal Rifle Mount C1064.01** All  
Universal mount for rifles.

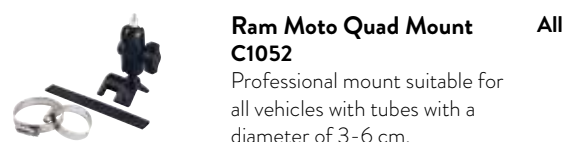


**Bow Mount C1068** All  
Bow mount.  
**Tree Mount C1062**  
Tree mount.

## Professional/Ram accessories

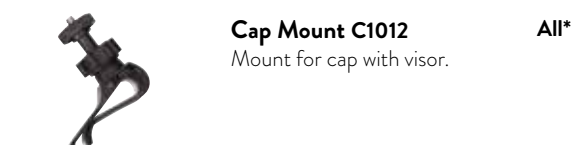


**Ram Roll Bar Mount C1042** All\*  
Professional mount for tubular handlebar with a diameter of 1-3 cm.

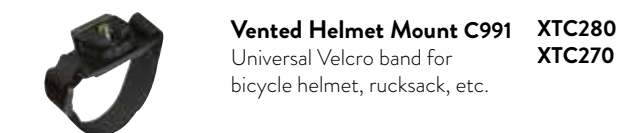


**Ram Moto Quad Mount C1052** All  
Professional mount suitable for all vehicles with tubes with a diameter of 3-6 cm.

## Wearable accessories

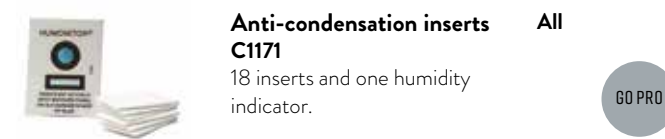


**Cap Mount C1012** All\*  
Mount for cap with visor.



**Vented Helmet Mount C991** XTC280  
XTC270  
Universal Velcro band for bicycle helmet, rucksack, etc.

## Anti-condensation

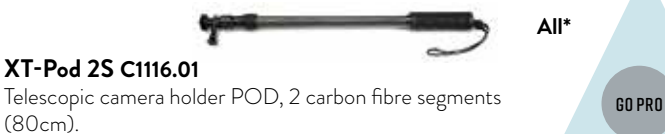


**Anti-condensation inserts C1171** All  
18 inserts and one humidity indicator.

## Pod



**XT-Pod C1116** All\*  
Aluminium camera holder MINI POD (18cm).



**XT-Pod 2S C1116.01** All\*  
Telescopic camera holder POD, 2 carbon fibre segments (80cm).



**XT-Pod 3S C1116.02** All\*  
Telescopic camera holder POD, 3 carbon fibre segments (112 cm).

\* Compatible with H series action cameras using Tripod Mount C1270 adapter

# Bicycle and motorcycle handlebar smartphone holders

Midland smartphone mounts are designed to be ergonomically functional even when wearing motorcycle gloves. Manufacturing precision ensures a secure grip even on rough terrain or off-road, keeping the smartphone always firmly on the handlebar.

## MH-PRO NV

Code C1568

Bicycle and motorcycle universal mount for smartphones in premium aluminium, with vibration reduction system. Telephone housing up to 7.2". Waterproof IP68. Handlebar fixing  $\varnothing$  12-32 mm. Support for fixing to rear-view mirror included. Equipped with Five hook system™.



## MH-Pro WC

C1487

Aluminium universal mount. Telephone housing: up to 6,7". Waterproof IP65. Handlebar mount: 12-24 mm in diameter. Support for fixing to rear-view mirror included. Fitted with Four hook system™.



## MH-Pro USB

C1490

Aluminium universal mount. Waterproof IP65 - Telephone housing: up to 6,7" - Safety grille included - Charging USB port. Handlebar: 22-32 in diameter



## MH-Pro

C1489

Aluminium universal mount. Telephone housing: up to 6,7" - Silicone safety grille included. Handlebar: 22-32 in diameter



## MH-Easy

C1492

Universal mount. ABS structure, silicone safety grille included - Phone housing: up to 6,7" - Handlebar fixing device: 18-32 mm in diameter.



# Video camera overview tables



Model	Bike Guardian Wi-Fi	Bike Guardian	Street Guardian Easy
Resolution	1920x1080 (30 fps)	1920x1080p (27fps)	1920x1080 + 1280x720 VGA
Sensor	AR0330 3 MP	Sony 2 MP	GC806
Aspect Ratio	16:9	16:9	16:9
Format	MOV	MOV	MOV
Lens	F/2.0 (f=3.15 mm)	-	-
Lens angle	170°	120°	120°
Sd Card	64 GB	64 GB (Class 10)	64 GB (Class 10)
Battery	1050 mAh up to 120'	680mAh up to 120'	180mAh
Wi-Fi	Yes	No	No
Photo	12MP	2 MP	12 MP
Tripod mount	Yes	Yes	No
Weight	98 g	78 g	79 g
Dimensions WxHxD	100 mm Ø40 mm	86 mm Ø27 mm	55x10x35 mm
Operating systems	Windows 10, Vista 7&8, Mac OSX 10.4+		



Model	Truck Guardian Pro		Wireless RV Cam
	Monitor	Video camera	
Resolution			480xRGBx272
Sensor	-	CMOS	CMOS CON IR
Aspect Ratio	16:9	16:9	4:3
Format	-	-	NTSC
Lens	-	-	-
Lens angle	-	120°	120°
Sd Card	128 GB	-	-
Battery	-	-	2160 mAh
Wi-Fi	2.4 GHz encrypted transmission	2.4 GHz encrypted transmission	-
Photo	-	-	-
Tripod mount	Support bracket	Support bracket	Suction cup - magnetic
Weight	430 g	500 g	Monitor 254 g/Video camera 233 g
Dimensions WxHxD	180x125x25 mm	85x50x40 mm	Monitor 125x85x18 mm Video camera 76x100x50 mm
Operating systems	Windows 10, Vista 7&8, Mac OSX 10.4+		

# Video camera overview tables



Model	H9 Pro	H5 Pro	H3+
<b>Resolution</b>	4K@30-2.7K@30-1080p@60 - 720p @ 120/60	4K@30 - 2.7K@30- 1080p @60 - 720p@120/60	1080p@30- 1080i @30 - 720p @60- 480p@60 480i@60
<b>Sensor</b>	20 Mp	16 Mp	16Mp
<b>Aspect Ratio</b>	16:9	16:9	16:9
<b>Format</b>	MOV	MOV	AVI
<b>Lens</b>	6 elements	5 elements	1 element
<b>Lens angle</b>	100°-110°-130°	120°	120°
<b>Sd Card</b>	128 GB	128 GB	128 GB
<b>Battery</b>	1050 mAh, up to 120'	1050 mAh, up to 120'	Li-Ion 900mAh, up to 110' in HD
<b>Wi-Fi</b>	Yes	Yes	Yes
<b>Photo</b>	20 Mp	16 Mp	
<b>Tripod mount</b>	Yes	Yes	No
<b>Weight</b>	65 g	65 g	52 g
<b>Dimensions WxHxD</b>	59x41x24 mm	59x41x24 mm	59.3x29.3x41.1 mm
<b>Operating systems</b>	Windows 10, Vista 7&8, Mac OSX 10.4+		



Model	W199	Follow U
<b>Resolution</b>	1080p	1080p
<b>Sensor</b>	2 Mp	SONIX 2872
<b>Aspect Ratio</b>	16:9	16:9
<b>Format</b>	-	-
<b>Lens</b>	4	-
<b>Lens angle</b>	76°	120° - 360°
<b>Sd Card</b>	No	No
<b>Battery</b>	No	No
<b>Wi-Fi</b>	No	No
<b>Photo</b>	Yes	Yes
<b>Tripod mount</b>	No	Yes
<b>Weight</b>	140 g	206 g
<b>Dimensions WxHxD</b>	7x2.5x2 mm	65x65.5x86.5mm
<b>Operating systems</b>	Windows 10, Vista 7&8, Mac OSX 10.4+	



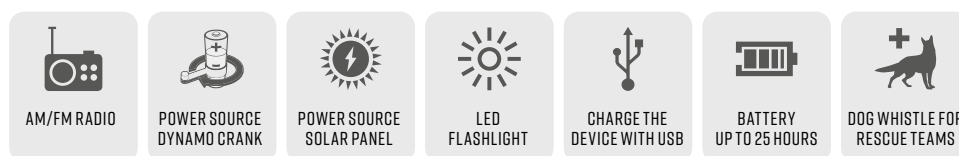
Solar panel

Discover the video



## ER300

The powerful multifunctional emergency powerbank



■ AM/FM radio



■ Dynamo recharge



■ Charge the device with USB port

**ER300** is a **powerful powerbank** capable of recharging portable devices and an **emergency device** equipped with an AM/FM receiver, designed for emergency situations, disasters and safety in which keeping in touch is essential. **ER300** is a versatile solution also for everyday use, for outdoor activities, camping or in leisure time. **Rechargeable via dynamo, solar panel, batteries and USB socket. With ultrasonic call for dogs, torch.**

**Frequency:** 531-1629kHz (AM)  
87.5-108MHz (FM)

**Colour:** Red/Black

### Features

- Recharge: dynamo, solar panel, Li-Ion integrated battery pack or AA batteries, via mini-USB socket
- It charges external electronic devices with USB port
- Power bank with long life battery Li-Ion 2600 mAh, lasting up to 25 hours of normal use
- It also works with 6 AA batteries

- Flashlight with Cree® led
- SOS Morse code flashlight beacon
- Ultrasonic dog whistle useful for rescue teams
- AM/FM radio
- Digital clock
- Headphone jack
- Telescopic antenna
- Wide, bright LCD with backlight

### Packaging and codes

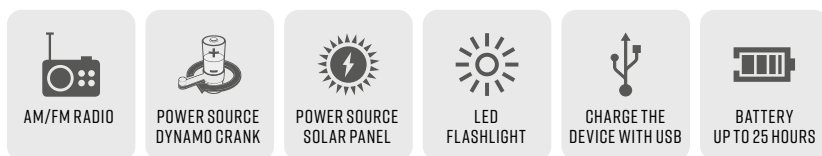
Radio, 2600 mAh Li-Ion battery pack, USB/micro USB cable  
**code C1173**

\* Cree® is a registered trademark of Cree Inc.



# ER200

Compact outdoor powerbank



■ Radio AM/FM



■ Charge the device with USB port/Dynamo

**ER200** is a compact power bank, perfect for outdoor use (camping, beach, park, mountain, etc.) and in an emergency.

Small in size, ER200 is an excellent companion for every hiker, able to recharge portable devices. It is also equipped with an AM/FM receiver and LED torch.

**Multiple sustainable recharging sources: dynamo, solar panel and rechargeable batteries**

**Frequency:** 531-1629kHz (AM)  
87.5-108MHz (FM)

**Colour:** Red/Black

### Features

- Power sources: dynamo crank, solar panel or USB cable
- Long life battery Li-Ion 2600 mAh, lasting up to 25 hours of normal use

- SOS Morse code flashlight beacon
- Flashlight with Cree® led 130L
- It charges external electronic devices with USB port
- AM/FM radio
- Digital clock
- Headphone jack
- Telescopic antenna
- LCD display

### Packaging and codes

Radio, 2600 mAh Li-Ion battery pack, USB cable  
**code C1469**

\* Cree® is a registered trademark of Cree Inc.

# INTERCOMMS

FOR PROFESSIONAL GROUPS/MOTORCYCLE

A man in profile, wearing a headset with a microphone, is shown in a control room or office environment. The scene is dimly lit with a blue-green glow. A wireframe grid is overlaid on the man's body and the surrounding environment, suggesting a digital or technical theme. The background shows a long, narrow corridor with a railing.

**MIDLAND**<sup>®</sup>  
MOVING COMMUNICATION



■ Download the app



**Teams M-15** is a wireless communication system. It is a noise-cancelling headset that dynamically connects a team of 15 people through Mesh technology.

Equipped with advanced technology that reduces pulse noises and allows voice amplification; hands-free communication; total compatibility with walkie talkie via cable (2-pin Kenwood cable and 2-pin Motorola cable) and with smartphone via dedicated app; simultaneity of communication between several teams that can speak at the same time.

Teams M-15 does not require any base station, but can operate autonomously anywhere without the use of other devices.

- Frequency:** 2400 - 2483.5MHz
- Max output power** 0.04875 W
- Autonomy:** 16 hours

**Dinamic Mesh communication**

A unique dynamic intercom system with auto-reconnect capability that connects up to 15 team members. This technology allows for always-on, hands-free and full-duplex communication, designed to operate in the harshest environments.

**Compatibility**

Can be used with wired walkie talkie radio (optional cable)

**Hands-free Operation**

Activation of voice commands allows hands-free communication, without pressing buttons. It is sufficient to give a voice command to obtain the desired function. In fact, it is possible to answer the phone and activate the FM radio, without using your hands. Multi-language voice commands to activate the various functions. Built-in PTT for hands-free communication.

**Midland Teams app**

It is possible to set the intercom via the dedicated app:

- manage the intercom by setting groups and communication channels;
- set up group chats, private chats, both as an administrator and as a user;
- listen to music from your phone or select the FM radio station
- make the voice call to the mobile phone (last number called and access to the phone book)

It is possible to download the app both from the Apple store and from Google Play.

**Packaging and codes**

**Headset code C1534**

**Radio cables**

**MT15K C1561**









Kenwood socket cable for Teams M-15

**MT15K C1569**

Motorola socket cable for Teams M-15

# Teams M-15

Wireless intercom system, for workgroups of up to 15 people

 DYNAMIC MESH COMMUNICATION	 BLUETOOTH®	 FULL-DUPLEX COMMUNICATION TECHNOLOGY	 HANDS-FREE OPERATION	 OPERATED BY NATURAL VOICE	 LEVEL DEPENDENT LISTEN THROUGH
 ALWAYS-ON GROUP COMMUNICATION	 WORKS WITH TWO-WAY RADIOS				

# Midland motorcycle intercoms

Since 2005, Midland has specialized in motorcycle communication products. Over the course of these 15 years Midland has created an R&D laboratory, within which professional engineers dedicate themselves daily to the development of technologically advanced products. After years of constant studies and tests, the audio of Midland intercoms is the most advanced ever, thanks to strict controls on “Quality”, the signature that has distinguished the company for over 60 years.



## Your adventures on the road

Midland intercoms offer you maximum communication performance, to reach the fourth dimension of travel and give you a unique experience. Share emotions and excitement on the road and get 360-degrees adventures.

## Top audio experience

Thanks to the partnership with RCF, Midland intercoms are able to provide high-performance audio even in the most extreme conditions, reducing external noises and allowing you to make the most of the phone call and music playback functions.



## Always connected with your friends

Midland intercoms are easy to use and extremely versatile. The Bluetooth and Mesh technologies allow group connections of up to 10 motorcyclists without connection limits with intercoms of other brands or pairing with third-party devices.



**MIDLAND**, a brand born in 1959 in a small factory in Kansas City, is today the world leader in the radiocommunication and consumer electronics sector.

A group that today has over **15 European and non-European subsidiaries**, between branches and strategic partners, and a distribution in **over 90 countries**, under the guidance of the **Italian Headquarters**.

Reggio Emilia is the headquarters of Research and Development that carries out the company mission daily and with great commitment.

*“Create a world where communicating is simple, fun and available to everybody.”*

Design and manufacture with passion products of quality, technologically innovative and that respond to the real need of all of us: to communicate.

**A success that has lasted for over 60 years.**

## Certifications

**ISO 9001 2015:** for the design, production and installation of telecommunication systems and equipment for industrial, military, civil, marine and consumer use.

**ANITEC-ASSINFORM:** Midland Europe is part of the ANIE Federation research and innovation commission, a member of Confindustria and represents the electro-technical and electronic businesses operating in Italy.



## Warranty

All our products are covered by a 24-month warranty, as long as they are sent to our Technical Service Centres together with the tax receipt. Contact our Authorised Retailer who will tell you where the nearest Service Centre is located. NB: we accept the return of goods upon two conditions: the agreed authorization from Sales Dept. (+39 0522 509411) or Customer Technical Support Dept. (+39 0522 509535) or Intercoms (+39 0522 509446), and if costs of shipments are covered by sender. The authorization is mandatory and if lacking, products will be immediately returned to the sender.

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MOVING COMMUNICATION