

XTRA
ORDINARY
MIDLAND
NEED
XTRA
ORDINARY
PEOPLE



 **MIDLAND**[®]

Put Yourself in the Action

Downloaded from www.cbradio.nl

1

ACTION CAMERA

11

PMR446/DUAL BAND TRANSCEIVERS

35

CB TRANSCEIVERS

48

VHF/UHF AMATEUR & PROFESSIONAL TRANSCEIVERS

60

VHF MARINE TRANSCEIVERS

66

ANTENNAS

75

MOTORCYCLE COMMUNICATION

89

INTERCOM & SPORT HANDPHONES

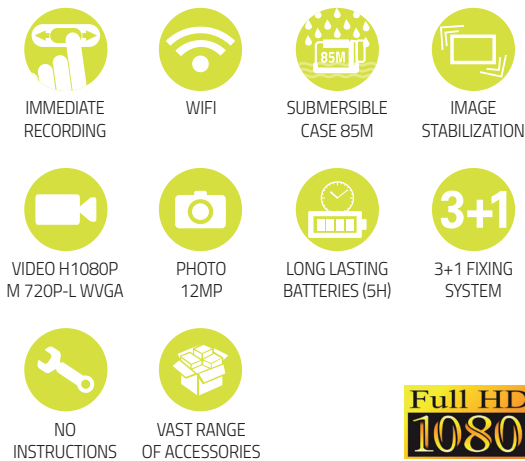
94

LOCALISER & EMERGENCY SYSTEM

ACTION CAMERA



MIDLAND XTC400 FULL HD ACTION CAM



The mini-camera that combines sophisticated technology content with extreme ease of use. Chosen by fans of sports, by bikers, by winter sports enthusiasts and fans of diving and underwater fishing and many others...Thanks to the many accessories the Midland Action Cameras are versatile and suitable for any situation, ideal for every moment that must be shot and remembered

Thanks to the built-in WiFi, XTC400 connects to smartphones and tablets to watch videos and photos in real time and to share them with your friends



ACTION CONNECT

With the App "Action Connect" you can access a wide range of settings, activate the zoom, take pictures or sequences of pictures



SHOOT

Watch live streaming video coming from the Cam XTC400 on your smartphone and tablet or use it as a remote control pictures



SHOW

View and review movies and photos from your smartphone and tablet



SHARE

Sharing has never been so easy! Download videos and photos on your mobile device and share them in real time with the whole world through Facebook and Youtube

ONE BUTTON

A single large button at the top to control the action cam

NO INSTRUCTIONS

All the information that you need are synthesized by three LEDs located on the camera: battery status, memory status and camera status



INCREDIBLE BATTERY LIFE

Up to 5 hours of recording

3+1 FIXING SYSTEM

The XTC400 is the ONLY Action Cam that can be fixed on both sides and at the base, with a **single fixing system**. It is also fitted with standard screw for cameras

RESEARCH & DEVELOPMENT

New range of accessories totally redesigned in order to make them stronger, durable and suitable to any type of situation.

THE NEW RANGE OF MOUNTS

Surface Mount
Wearable Mount
Vehicles Mount
RAM Professional Mount
Tactical Mount

PACKS AND CODES

Video camera, 85m submersible case, 2 universal fixing systems with bi-adhesive (fixed and adjustable), Li-ion 3.7V battery pack 1700 mAh, USB cable
code C1106



XTRA ORDINARY SIMPLE



MIDLAND XTC280 FULL HD ACTION CAM



IMMEDIATE
RECORDING



SUBMERSIBLE
CASE 60M



IMAGE
STABILIZATION



NO
INSTRUCTIONS



REAL VIEW
130°



EAGLE EYE VIEW
90°



VAST RANGE
OF ACCESSORIES

Full HD
1080



REAL VIEW



EAGLE EYE VIEW



THE SMALLEST AND LIGHTEST

Full HD video camera on the market, which encompasses simplicity and high technological standards

SIMPLICITY!

A simple click controls the action cam. No instructions are needed: simple, straightforward and intuitive

CAPTURE ALL ACTIONS

Sensations and emotions without having to think about the technology

ONE BUTTON

A single large button at the top to control the action cam

REAL VIEW 130°

"Real view" mode in FULL HD, that guarantees an extremely clear shooting, avoiding every kind of image contortion

EAGLE EYE VIEW 90°

"Eagle eye view" mode in HD Ready, captures all details by using a zoom shot

PACKS AND CODES

Video camera, 60m submersible case, universal fixing system with 2 bi-adhesive bases, Li-ion 3.7V battery pack 900 mAh, USB cable
code **C1093**



MIDLAND XTC285 FULL HD MIMETIC



In addition to having the characteristics present in the XTC280, the XTC285 is designed for use when it is important to be both silent and invisible.

TO BE INVISIBLE!

An action cam under a camouflage texture, the core of everything needed for a real adventure

STEALTH MODE

Make your Action Cam silent!

PACKS AND CODES

Video camera, 60m submersible case, universal fixing system with 2 bi-adhesive bases, Li-ion 3.7V battery pack 900 mAh, USB cable
code C1093.01

XTRA
ORDINARY
CATCHING

MIDLAND XTC260 HD READY ACTION CAM

NEW



IMMEDIATE
RECORDING



SUBMERSIBLE
CASE 30M



NO
INSTRUCTIONS



VAST RANGE
OF ACCESSORIES

720pHD



THE PERFECT COMBINATION OF PERFORMANCE AND CONVENIENCE

With just one click the action cam is on!
One unique big button at the top of the camera for easy operation

TOP PERFORMANCES LOW COST

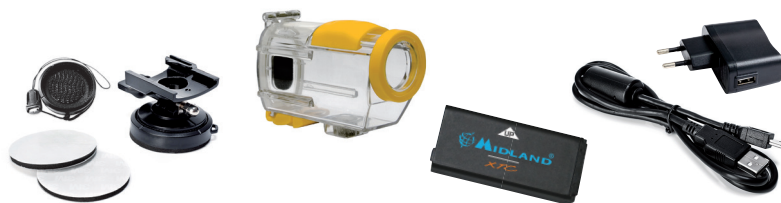
Discover the convenience of this small but sturdy action cam, designed for outdoor activities

COMPACT AND LIGHTWEIGHT

With its 88,7gr and 8,5cm of length, XTC260 is the lightest and smallest HD ready action cam on the market today. Intuitive and immediate thanks to the 3 leds that indicate the activated functions

PACKS AND CODES

Video camera, 30m submersible case, universal fixing system with 2 bi-adhesive bases, Li-Ion 3,7V battery pack 900mAh, USB cable
code C1144



TECHNICAL SPECIFICATIONS




MODEL	XTC400	XTC280/285	XTC260
RESOLUTION	1920 x 1080p (30/25fps) 1280 x 720p (60/50fps) WVGA848X480 (120/100fps)	1920 x 1080p (30fps) 1280 x 720p (60fps)	1280 x 720p (30fps) 640x480 (60fps)
SENSOR	12Mp	5,2 Mp	2,0 Mp
ASPECT RATIO	16:9	16:9	16:9
FORMAT	H.264 File type - MP4	H.264 File Type - MP4	H.264 File Type - MP4
LENS	7 elements (6 tempered glass, 1 IRF)	5 elements	5 elements
ROTATING LENS	Yes	No	No
LENS ANGLE	Variable 170°	130° H/90° L	140°
SD CARD	Up to 32 GB	Up to 32 GB	Up to 32 GB
BATTERY	Li-Ion 1700mAh, up to 5 hours	Li-Ion 900 mAh, up to 2 hours	Li-Ion 900 mAh, up to 3 hours
INSTANT RECORDING	Yes	Yes	Yes
STEALTH MODE	Optional	Yes	No
PHOTO	Yes	No	No
TRIPOD MOUNT	Yes	Yes	Yes
EXT MICROPHONE JACK	Yes	No	No
WEIGHT	140g	93g	88,7 g
DIMENSIONS	(HxLxP) 52x95x35mm	(HxLxP) 42.2x89,1x30.3mm	(HxLxP) 42.2x85.5x30.3mm
OPERATING SYSTEM	Win XP, SP2, Vista 7&8, Mac OS X 10.4+	Win XP, SP2, Vista 7&8, Mac OS X 10.4+	Win XP, SP2, Vista 7&8, Mac OS X 10.4+


MOUNTS AND ACCESSORIES

SURFACE

XTC400		BASIC	C1108	Base fixing system (4 pcs)
XTC400		MINISPIDER	C1109	Small base with 3M adhesive and 45° slide
XTC400		SPIDER	C1110	Large base with 3M adhesive and 45° slide
XTC280 XTC285 XTC260		HELMET MOUNT	C990	Bi-adhesive helmet mount
XTC280 XTC285 XTC260		SURF SNOWBOARD MOUNT	C1038	270° Adjustable ABS and stainless steel mount with safety device to be fixed to a surfboard or snowboard

WEARABLE


XTC400		BELT MOUNT	C1111	Belt mount
XTC400		VENTED HELMET MOUNT	C1112	Bicycle helmet mount
XTC400		HEAD STRAP MOUNT	C1113	Headband mount
XTC400		GOGGLE MOUNT	C1114	Mount for google (ski, motocross)
XTC280 XTC285 XTC260		GOGGLE MOUNT	C989	Mount for google (ski, motocross)
XTC280 XTC285 XTC260		CAP MOUNT	C1012	Cap mount

XTC280 XTC285 XTC260		HEAD STRAP MOUNT	C1040	Headband mount
----------------------------	---	------------------	--------------	----------------

XTC280 XTC285 XTC260		VENTED HELMET MOUNT	C991	Universal Velcro band for bicycle helmet, rucksack, etc.
----------------------------	---	---------------------	-------------	--


VEHICLE


XTC400		HANDLEBAR MOUNT	C1117	Mount for handlebars
--------	---	-----------------	--------------	----------------------


ALL		SUCTION CAP MOUNT	C980.01	Suction mount for cars and motorcycles for stable recording on a vehicle, ideal for smooth (bodywork) and rough surfaces (dashboard).
-----	---	-------------------	----------------	---

XTC280 XTC285 XTC260		HANDLEBAR MOUNT	C992	Mount for handlebars and tubes
----------------------------	---	-----------------	-------------	--------------------------------

PROFESSIONAL/RAM


ALL		RAM ROLL BAR MOUNT	C1042	Professional mount for tubular handlebar with a diameter of between 1 and 3 cm
-----	--	--------------------	--------------	--

ALL		RAM MAGNETIC MOUNT	C1041	Professional magnetic mount for metal surfaces. In steel, water resistant
-----	---	--------------------	--------------	---

ALL		RAM MOTO QUAD MOUNT	C1052	Professional mount suitable for all vehicles with tubes with a diameter from 3 to 6 cm
-----	---	---------------------	--------------	--


TACTICAL - WEAPONS

XTC400		PICATINNY MOUNT	C1118	Mount for rifles and guns with Piccatinny Rail
--------	---	-----------------	--------------	--

XTC280 XTC285 XTC260		PICATINNY MOUNT	C1039	Mount for rifles and guns with Piccatinny Rail
----------------------------	---	-----------------	--------------	--

ALL		FIELD GUN MOUNT	C1064.01	Universal mount for rifles
-----	---	-----------------	-----------------	----------------------------

ALL		RIFLE MOUNT	C1066	Mount for carbine rifle
-----	---	-------------	--------------	-------------------------

ALL		BOW MOUNT	C1068	Bow mount
		TREE MOUNT	C1062	Tree mount
POD				
ALL		XT-POD	C1116	Multicam Monopod – Aluminum body (18cm)
ALL		XT-POD 25	C1116.01	Telescopic multicam 2-section Monopod 100% Carbon fiber (80cm)
ALL		XT-POD 35	C1116.02	Telescopic multicam 3-section Monopod 100% Carbon fiber (112cm)
SUBMERSIBLE CASES/LENS KIT				
XTC400		CC-XTC400	C1121	Submersible case 85m
XTC300		CC-XTC300	C1031	Case with flat lens for diving down to 60 m
XTC280 XTC285 XTC260		CC-XTC280	C976.01	Case with flat lens for diving down to 60 m
XTC300		LENS KIT	C1074	Lens replacement kit Contains: camera lens, spherical lens, flat lens 60 m of case and seals
XTC300		FLAT LENS	R73453	60m flat lens
ADAPTERS				
XTC400		TRIPOD MOUNT	C1120	Side adapter to transform any screw mount into a side attachment
XTC280 XTC285 XTC260		TRIPOD MOUNT	R73161	Side adapter to transform any screw mount into a side attachment
BATTERIES				
XTC400		BATTERY	C1124	3,7V - 1700mAh Li-Ion battery pack
XTC300		BATTERY	C1014	1100mAh lithium battery
XTC280/285/260		BATTERY	C1015	900mAh lithium battery
MEMORY CARD				
ITALY ONLY		MEMORY CARD	C1067	Memory Card Class 10 - 8 GB
		MEMORY CARD	C1067.01	Memory Card Class 10 - 16 GB
		MEMORY CARD	C1067.02	Memory Card Class 10 - 32 GB

PMR446 DUAL BAND

COMMUNICATE AT NO COST

The Midland transceivers are the most advanced, efficient technological solution to communicate with one or more people at no cost*.

Communication is immediate, with no need to key in any numbers or perform any other procedures, by simply pressing the PTT (push to talk) button on the side. Range can be from 3 to 10 km (and beyond) depending on the land.

The Midland transceivers are extremely useful not only in a professional setting, where constant communication is essential, but also during free time, to maintain contact during excursions and trips, by bicycle, on skis, by motorcycle, by boat, etc.

* In Italy, the buyer is required to submit a declaration to the Territorial Inspectorate of the competent region and make payment of an annual flat fee of €12, regardless of the number of radios used.



MIDLAND M24/48/99-S



AAA
BATTERY (M24-S)



BATTERY PACK
(M48-S/M99-S)



VOX



SCAN



BATTERY LEVEL



2 PIN



THE MOST COMPLETE RANGE FOR THOSE APPROACHING THE RADIO WORLD



M24-S - 24 CHANNELS

Version: PMR446
Colour: black/green
Channels: 24 (8+16 pre-programmed)
Tones: 38 CTCSS

SPECIFICATIONS

- Built-in vox adjustable to 2 levels
- Alphanumeric LCD display
- Call button, Keypad lock
- "SCAN" function, Auto Power Save
- Battery life: up to 12 hours
- Power supply: AAA batteries
- 2-pin accessory socket
- Compatible wall charger: MW904

PACKS AND CODES

2 radios, 2 belt clips, 8 batteries
code C1035



M48-S - 48 CHANNELS

Version: PMR446
Colour: black/orange
Channels: 48 (8+40 pre-programmed)
Tones: 38 CTCSS

SPECIFICATIONS

- Built-in vox adjustable to 2 levels
- Alphanumeric LCD display
- Call button, Keypad lock
- "SCAN" function, Auto Power Save
- Battery life: up to 12 hours
- Power supply: battery packs
- 2-pin accessory socket
- Compatible wall charger: MW904

PACKS AND CODES

2 radios, 2 belt clips, 2 battery packs (800mAh),
double desktop charger and wall adapter
code C1036



M99-S 99 CHANNELS SUPER-ACCESSORISED

Version: PMR446
Colour: black/silver
Channels: 99 (8+91 pre-programmed)
Tones: 38 CTCSS

SPECIFICATIONS

- Built-in vox adjustable to 2 levels
- Alphanumeric LCD display
- Call button, Keypad lock
- "SCAN" function, Auto Power Save
- Battery life: up to 12 hours
- Power supply: battery packs
- 2-pin accessory socket
- Compatible wall charger: MW904

PACKS AND CODES

2 radios, 2 belt clips, 2 battery packs (800mAh),
2 earpieces, 2 desktop chargers, 2 wall adapters
code C1037

MIDLAND G5 XT

08

PMR446

16

CHANNELS
PRE-PROGR



BABY SITTER



BATTERY LEVEL



AAA
BATTERY



2 PIN



IDEAL IN THE FAMILY, THANKS TO THE BABYSITTING FUNCTION

Version: PMR446
Colour: Black
Channels: 8 + 16 pre-programmed
Tones: 38 CTCSS

SPECIFICATIONS

- Babysitting function with dedicated channels
- Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator
- VOX adjustable to 3 different levels + Vox Talk Back
- CALL
- Roger beep: end of call tone
- Power supply: 3 AAA batteries
- 2-pin accessory socket
- Compatible wall charger: MW904

PACKS AND CODES

Blister pack with pair of radios, 2 wall chargers, 6 rechargeable AAA batteries, 2 belt clips, 2 wrist straps
code C897

Work&Hobby full optional

pair of radios, 2 wall chargers, 6 rechargeable AAA batteries, 2 microphones with adjustable earpieces and PTT, 2 12V travel power supplies
code C897.01



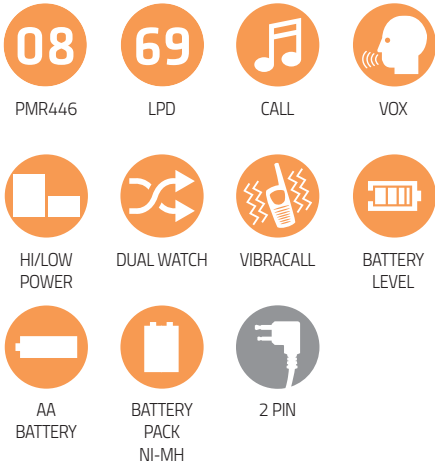
MIDLAND G5 XT WORK&HOBBY FULL OPTIONAL

Practical box to carry radios wherever needed.

The **Eva case** enables to carry the following in a practical case: a pair of G5 XT, 2 wall chargers, 6 batteries, 2 microphones with earpieces and travel power supplies.



MIDLAND G7XTR



**PRACTICAL AND
HARD-WEARING, EVER
THE BEST-SELLER, ALSO
AVAILABLE IN CAMOUFLAGE
VERSION**

Versions: Dual band PMR446/LPD
Colours: Gray/Black - Mimetic Mossy Oak
Channels: Dual band: PMR446 8 - LPD 69
Tones: 38 CTCSS
EXPORT VERSION: 3W

SPECIFICATIONS

- Dual watch: to monitor 2 different channels at the same time
- High/low power
- Vibracall
- Keypad lock

- Auto power save: automatic battery saving
- Low battery indicator
- VOX adjustable to 2 levels, for hands-free communication
- CALL with 5 different melodies
- SCAN
- Monitor
- Roger beep: end of call tone
- Power supply: battery pack or 4 AA batteries
- 2-pin accessory socket
- Compatible wall charger: MW 904

XTRA ORDINARY VERSATILE

PACKS AND CODES

G7XTR Box single pack:

Box with 1 radio, wall charger, 4 rechargeable Ni-MH AA 1.2V/1800 mAh batteries, belt clip
code C926 Dual band version

G7XTR Mimetic Box single pack:

Box with 1 radio, wall charger, 4 rechargeable Ni-MH AA 1.2V/1800 mAh batteries, belt clip
code C926.04 Dual band version

Blister Box:

Blister pack with pair of radios, double desktop charger, wall adapter, 2 800mAh battery packs, belt clip
G7XTR code C926.03 Dual band version (PMR446/LPD)
G7E XTR code C926.01 PMR446 only version
G7XTR code C926.10 UK version



MIDLAND G7 XTR VALIBOX



In the Work & Hobby version.

Ideal for everyday professional use and for team management
The Valibox enables full optional versions to be carried in a practical, shock-resistant case.

Valibox case full optional:

pair of radios, 1 double desktop charger with wall adapter, 2 rechargeable battery packs, 2 speak/listen microphones with VOX/PTT

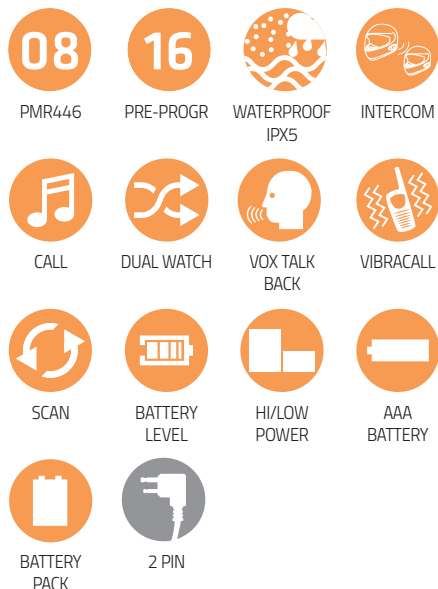
code C926.11 G7 H&W (Dual Band)

code C926.12 G7E H&W (PMR446)



MIDLAND G8E-BT

XTRA ORDINARY BLUETOOTH



SOLID AND COMPACT, THE RADIO DESIGNED FOR THE MOTORCYCLE, WITH BUILT-IN BLUETOOTH

Perfect for those working or loving to travel by motorcycle: with the Bluetooth function, hands-free communication (Vox) can be activated or with the PTT on the handlebar

Versions: PMR446
Colour: Metal gray/Black/
 Black
Channels: 8 + 16 saved
Tones: 38 CTCSS + 104 DCS
EXPORT VERSION: 2W

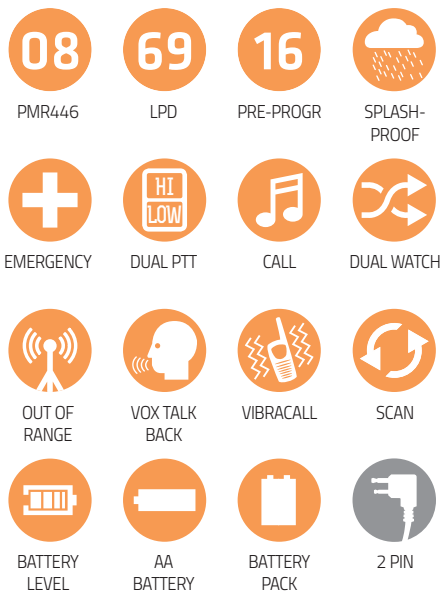
SPECIFICATIONS

- Built-in Bluetooth
- Waterproof: IPX5
- High/low power
- VOX adjustable to 3 different levels, for use in noisy environments (motorcycle, sites, etc.)
- Dual watch: to monitor 2 different channels at the same time
- Wired motorcycle intercom
- Vox Talkback function that allows for response at regular intervals
- Keypad lock
- Auto power save
- Low battery indicator
- CALL with 5 different melodies
- Scan, Monitor
- Power supply: 4.8V 800mAh NiMH battery pack (or 4 AAA batteries optional)
- 2-pin accessory socket
- Compatible wall charger: MW904

PACKS AND CODES

Box with single radio, desktop charger with wall adapter, PTT and wire (finger PTT), rechargeable battery pack (800 mAh), belt clip
code C975

MIDLAND G9



THE HIGH PERFORMANCE RADIO

Versions: Dual band PMR446/LPD
Colour: Black - Mimetic Mossy Oak®
Channels: PMR446 8 + 16 saved
 LPD 69
Tones: 38 CTCSS + 104 DCS
EXPORT VERSION: 5W

SPECIFICATIONS

- **Double PTT button for high/low power:** battery charging can be optimised and high power transmission only used when necessary, increasing the duration of the

battery

- **Emergency function:** pressing the "Emergency" button enables communication with all radios with the same function (G8-G9), even if tuned to different channels
- **"Out of range" function:** press a button to check for other radios within range
- Dual watch: to monitor 2 different channels at the same time
- 12 cm antenna to make the most of the full radio transmission power
- High-low power selection
- Vox Talk Back function/Vox adjustable to 3 levels
- Vibracall, Keypad lock
- Scan, Auto power save
- Low battery indicator

- CALL button with 5 available tones
- Monitor button
- Roger Beep: end of call tone (can be deactivated)
- Power supply: 4 AAA batteries (or 4.8V 800mAh NiMH battery pack optional)
- 2-pin accessory socket
- Compatible wall charger: MW904

PACKS AND CODES

Box with single radio, desktop charger with wall adapter, 4 rechargeable AA batteries (1800 mAh), belt clip
code C923 Dual band version (PMR446/LPD)
code C923.01 PMR446 only version
code C923.03 Dual band Mimetic version

XTRA ORDINARY TOURIST RADIO

A group of people are silhouetted against a bright, overcast sky as they stand on a rooftop terrace. They are looking out over a city skyline, with a prominent skyscraper and an American flag visible in the distance. The scene is captured from a low angle, emphasizing the height of the terrace and the vastness of the city below.

100 CHANNELS TO MANAGE SEVERAL GROUPS SIMULTANEOUSLY

Midland Onda is a portable transceiver flaunting an attractive, modern design, created specifically for managing group communication during tourist trips. Its ultra-slim, compact design makes it an extremely practical tool for use in tourist situations. Thanks to its 100 channels, it can manage several groups at the same time.

Midland Onda is equipped with an alphanumeric, backlit LCD display, with a Lithium battery pack that ensures autonomy of up to 8 hours and the ever-active "Side Tone" function for clear, clean-cut listening, with no transmission closure noise. Midland Onda is available in a pack of 50 pieces including belt clips, battery pack and neck straps. The chargers are on sale in a practical multiple charging case for 30 transceivers. Recharging is easy and practical thanks to the tray system.

Midland Onda is subject to different regulation according to the country in which it is sold.

MIDLAND ONDA

100

CH SRD



LOW BATTERY INDICATOR



BATTERY PACK



1 PIN



Multiple charger case



SPECIFICATIONS

- Channels: 100 - Frequency: 472-474MHz
- 8 volume level
- Reception only for users
- Continuous transmission guaranteed to guide only, thanks to the dedicated accessory (MA28-TR)
- Auto power save: automatic battery saving
- Low battery indicator
- Backlit LCD display
- Battery life up to 8 hours with battery pack
- Weight: 58g (without batteries)
- Dimensions: 86x16x42mm
- Power supply: Li-Ion battery pack (650mA)
- 1-pin stereo accessory socket

PACKS AND CODES

Carton 50 receivers cod. C1069.01

50 receivers, waist clips, battery packs Li-Ion 3.7V 650 mAh and neck collars

Desktop charger 25pz code C921 ("777" series)

Desktop charger 25pz code C921.01 (Midland Onda)

Carton 25 double desktop chargers with relative wall adaptors

Multiple charger case code C922

Rigid black suitcase to recharge 30 receivers with wall adaptor cable

OPTIONAL ACCESSORIES

- **PB 777 C783**
3,7V-650mAh Li-Ion battery pack
- **AL777 C803**
Cigarette lighter power lead
- **R71968**
Battery charger 220V
- **R71969**
2 positions desktop charger
- **MW905 C887**
Wall charger
- **A-777 TR C987**
Earphone, 1 pc
- **A-777 TR C987.01**
Earphone (100pcs)
- **S-777 TR C988.02**
Protection sponge (500 pcs)
- **MA28-TR C559.05**
Speak/listen microphone (PTT blocked in TX)
- **Rotating clip C1029**
To rotate the radio when it is attached to the belt



PB777



AL777



R71968



R71969



A-777 TR



MA28-TR



Rotating clip

XTRA
ORDINARY
WORK
NEED
XTRA
ORDINARY
RADIOS



MIDLAND G10

08

PMR446

08

PRE-PROGR



SCAN



BATTERY
PACK



2 PIN
KENWOOD



G10

PROGRAMMING SOFTWARE PRG 10

code C974.01

Customisation of channels and frequencies

THE SIMPLE, USER-FRIENDLY RADIO

Essential, practical and extremely reliable, the Midland G10 is a transceiver that flaunts a compact design, whilst being ultra-simple to use. Vocal signalling of the channel selected.

Programmable by means of software to manage and programme the buttons/functions. The handle positioned near the antenna enables user-friendly channel selection; the function can be activated by using the two buttons to the side.

Version: PMR446
Colour: Black
Channels: 8 + 8 pre-set sub-channels
Tones: 50 CTCSS + 105 DCS norm or inverts

EXPORT VERSION: 5W

SPECIFICATIONS

- Output power: 500mW
- Channel spacing: 12.5KHz
- Channel scanning
- Function button beeps

- Monitor
- Auto power save
- Power supply: 1200mAh Li-Ion battery pack
- 2-pin Kenwood accessory socket

PACKS AND CODES

Box with 1 radio, desktop charger, wall adapter, Li-Ion rechargeable battery pack (1200 mAh), belt clip

code C1107

MIDLAND G11S



PMR446



PRE-PROGR



VOX



SCAN



ROGER BEEP



BUSY
CHANNEL



BATTERY
PACK



2 PIN
KENWOOD



COMPACT AND HARD-WEARING WITH UNPARALLELED AUDIO

Midland G11S is a hard-wearing, reliable radio, thanks to its metal chassis, with every detail perfect.

The handle positioned near the antenna enables easy, user-friendly channel selection; the function available can be activated by simply using the two buttons to the side.

It also features clear, bright audio for high quality communication.

Version: PMR446
Colour: Black
Channels: 8 + 8 pre-set sub-channels
Tones: 50 CTCSS + 105 DCS norm or inverts
EXPORT VERSION: 5W

SPECIFICATIONS

- Aluminium chassis
- Output power: 500mW
- Channel spacing: 12.5KHz
- VOX function (hands-free transmission)
- Channel scanning
- Function button beeps
- Roger beep
- Monitor
- TOT - Busy channel lock
- Auto power save
- Power supply: 1600mAh Li-Ion battery pack
- 2-pin Kenwood accessory socket

PACKS AND CODES

Box with 1 radio, desktop charger, wall adapter, rechargeable Li-Ion battery pack (1600 mAh), belt clip

code C966.03

PROGRAMMING SOFTWARE PRG 10

code C974.01

Customisation of channels and frequencies

MIDLAND G15

NEW



THE RADIO WITH NO FEAR OF IMPACTS AND WATER, WITH VOICE INDICATION

In addition to the metal chassis, the Midland G15 is certified IP67, making it resistant to dust and immersion in water (to depths of 1 metre for 30 minutes).

Simple and user-friendly, it provides vocal signalling of the channel/function selected.

Version: PMR446
Colour: Black
Channels: 8 + 8 pre-set sub-channels
Tones: 50 CTCSS + 105 DCS norm or inverts
EXPORT VERSION: 5W

SPECIFICATIONS

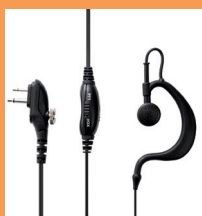
- Aluminium chassis
- Certified IP67
- Output power: ≤500mW ERP
- Channel spacing: 12.5KHz
- Channel scanning

- Voice tune
- Roger Beep, Auto power save
- Monitor, Squelch, Vox
- Power supply: Li-Ion 1600mAh battery pack
- 2-pin Motorola accessory socket

PACKS AND CODES

Box with 1 radio, desktop charger, wall adapter, rechargeable Li-Ion battery pack (1600 mAh), belt clip

code C1127



MA 27-M - C1130
Microphone with L-type jack, 2 Pin Motorola



MA 25-M - C1129
Waterproof speaker microphone with L-type jack, 2 Pin Motorola

PROGRAMMING SOFTWARE PRG-G15

cod. C1131
Customisation of channels and frequencies

ALAN HP450 2A

08

PMR446

91

PRE-PROGR



WATERPROOF
IP67



VOX



CALL



SCRAMBLER



SCAN



DUAL WATCH



ROGER BEEP



BATTERY
LEVEL



HI/LOW
POWER



BATTERY
PACK



2 PIN



PMR/PMR446 RADIO FOR PROFESSIONAL USE. FOR THOSE DEMANDING THE BEST

Version: Dual band PMR/PMR446
Colour: Black
Channels: 8 PMR446/91 pre-programmed,
312 to program
Tones: 38 CTCSS+83 DCS
EXPORT VERSION: 5W

SPECIFICATIONS

- Waterproof: IP67
- MIL810, C, D, E, F
- Scrambler/Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator
- Dual Watch/Vox
- CALL with 5 different melodies/SCAN
- Adjustable monitor/Out of Range
- Roger beep: end of call tone
- High/low power
- Backlit LCD display

- Power supply: 2200mAh Li-Ion battery pack
- 2-pin accessory socket

PACKS AND CODES

Semi-rigid Eva case with single radio, double desktop quick charger, wall charger, 1 2200 mAh Li-Ion battery pack, rigid polycarbonate case with clip for 180° rotation
code G1093.06



OPTIONAL ACCESSORIES

- RC45 - G1066
Rapid desktop charger black
- BP4522 - G1068
Rechargeable battery pack 2200 mAh Li-Ion,
black

- BNC25 - G405
Antenna connector
- Screw Driver G911
Screwdriver for antenna connector

OTHER ACCESSORIES: FROM PAGE 31

PROGRAMMING SOFTWARE

PRG450 code G1069
Complete with USB cable for PC

ALAN HP446 EXTRÀ

08

PMR446

91

PRE-PROGR



VOX



CALL



SCAN



DUAL WATCH



ROGER BEEP



BATTERY
LEVEL



HI/LOW
POWER



BATTERY
PACK



2 PIN



HARD-WEARING AND RESISTANT. THE HEAVY DUTY OPTION PERFECT FOR THE PROFESSIONAL ENVIRONMENT

Version: PMR446
Colour: Black
Channels: PMR 446: 8 + 91 saved
Tones: 50 CTCSS+104 DCS
EXPORT VERSION: 2W

SPECIFICATIONS

- Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator
- Dual Watch
- CALL/ SCAN
- Monitor/ Vox
- Roger beep: end of call tone
- Hi/low power
- Backlit LCD display
- Time Out Timer (max. conversation duration)
- Busy channel lock out: blocks transmission when the channel is busy
- Power supply: 1300mAh Ni-MH battery pack
- 2-pin accessory socket

PACKS AND CODES

Box with one radio, desktop charger, 1300 mAh Ni-MH battery pack, belt clip
code G815.07



PROGRAMMING SOFTWARE

PRG05 per HP446 Extrà code G879
Complete with USB cable for PC

TECHNICAL SPECIFICATIONS

MODEL	M24/48/99-S	MIDLAND G5 XT	MIDLAND G7XTR LINE
Band	PMR446	PMR446	PMR446-LPD (Dual band)
Channels	8+16(M24)/40(M48)/91(M99) pre-prog.	8 + 16 pre-programmed	8 PMR446/69 LPD
CTCSS e DCS	38 CTCSS	38 CTCSS	38 CTCSS/104 DCS
Vox	2 sensitivity levels	3 sensitivity levels + talk back	2 sensitivity levels
Power supply	4 batteries AAA (M24) 800mAh recharg. battery pack	3 rechargeable AAA Ni-MH batteries	800mAh battery pack or 4 rechargeable AA batteries
Battery life	Up to 12 hours	Up to 35 hours with alkaline batteries	Up to 18 hours with 800 mAh battery pack
Display	Multifunction back-lit LCD	Multifunction back-lit LCD	Multifunction back-lit LCD
Transmission power	500 mW ERP	500 mW ERP	PMR446 500/10mW ERP (high/low) LPD 10mW
Operating temperature	-20° +55°C	-20° +55°C	-20° +55°C
Weight (excluding batteries)	103 g	74 g	123 g
Dimensions (LxAxP)	60x103x25 mm	50x85x25 mm	58x122x34 mm
Connections	Socket for audio accessories, charger	Socket for audio accessories, charger	Socket for audio accessories, charger
Accessory socket type	2 pin	2 pin	2 pin
Compatible wall charger	MW904	MW904	MW904

MODEL	MIDLAND G8E-BT	MIDLAND G9	MIDLAND ONDA
Band	PMR446	PMR446-LPD (Dual band)	Radio microphone wireless 472+474 MHz
Channels	8 PMR446+16 prog.	PMR446+16 prog./69 LPD	100
CTCSS and DCS	38 CTCSS, 104 DCS	38 CTCSS, 104 DCS	-
Vox	3 sensitivity levels + talk back	3 sensitivity levels + talk back	-
Power supply	800mAh battery pack or 4 AAA recharg. or alkaline (opt)	4 recharg. batteries AA 1800mAh or 4 alkaline AA batteries (opt)	Li-Ion 3,7V (650mAh) battery pack
Battery life	12 h with 800 mAh battery pack	23 h with 1800mAh 4 batteries	Up to 8 hours
Display	Multifunction back-lit LCD	Multifunction back-lit LCD	Multifunction back-lit LCD
Transmission power	PMR446 500/10mW ERP (high/low) LPD 10mW	PMR446 500/10mW ERP (high/low) LPD 10mW	2mW ERP
Operating temperature	-20° +55°C	-20° +55°C	-10° +45° C
Weight (excluding batteries)	114 g	114 g	58 g
Dimensions (LxAxP)	58x110x32mm	68x120x35mm	42x86x16 mm
Connections	Socket for audio accessories, charger and Intercom	Socket for audio accessories, wall charger	Socket for audio accessories, wall charger
Accessory socket type	2 pin	2 pin	1 pin – 2,5 mm stereo
Compatible wall charger	MW904	MW904	MW905

PMR446 equipment operates on frequencies of up to 446 Mhz (8 channels) and have 500mW transmission power. Dual band equipment also operate on the LPD band of up to 433 Mhz (69 channels), with 10 mW transmission power; free use of channels 1 to 20. Both the PMR446 and the Dual band are subject to a general authorisation according to current legislation. Once purchased, two simple bureaucratic procedures must be fulfilled, an annual contribution of 12 euros paid, and a notice sent by recorded delivery to the Regional Inspectorate of the Ministry for Communication.

MODEL	MIDLAND G10	MIDLAND G11S	MIDLAND G15
Band	PMR446	PMR446	PMR446
Channels	8+8 pre-programmed	8+8 pre-set sub-channels	8+8 pre-programmed
CTCSS and DCS	51 CTCSS, 83 DCS	50 CTCSS, 105 DCS	51 CTCSS, 83 DCS
Vox	-	9 sensitivity levels	9 sensitivity levels
Power supply	1200mAh Li-Ion battery pack	1600mAh Li-Ion battery pack	1600mAh Li-Ion battery pack
Battery life	16 hours	22 hours with 1600mAh battery pack	22 hours
Display	-	-	-
Transmission power	500mW ERP	500mW ERP	500mW ERP
Operating temperature	-20° +55°C	-20° +55°C	-20° +55°C
Peso (including battery)	192 g	209 g	192 g
Dimensions (LxAxP)	114x58x33 mm (excluding antenna)	112x58x34 mm	100x58x33 mm (excluding antenna)
Connections	Socket for audio accessories, charger	Socket for audio accessories, charger	Socket for audio accessories, charger
Accessory socket type	2 pin Kenwood	2 pin Kenwood	2 pin Motorola
Compatible wall charger	desktop charger only	desktop charger only	desktop charger only

MODEL	ALAN HP450 2A	ALAN HP446 EXTRA
Band	PMR/PMR446	PMR446
Channels	8 + 91 pre-programmed	8+91 pre-programmed
CTCSS e DCS	38 CTCSS,83 DCS	50 CTCSS, 104 DCS
Vox	2 sensitivity levels	2 sensitivity levels
Power supply	2200 mAh battery pack	1300 mAh battery pack
Battery life	29 hours with battery pack	26 hours with battery pack
Display	Multifunction back-lit LCD	Multifunction back-lit LCD
Transmission power	500 mW ERP (high/low level)	500 mW ERP (high/low level)
Operating temperature	-20° +55°C	-20° +55°C
Weight (excluding batteries)	180 gr	207 gr
Dimensions (LxAxP)	54x113x35 mm	62x133x40 mm
Connections	Socket for audio accessories	Socket for audio accessories
Accessory socket type	2 pin	2 pin
Compatible wall charger	desktop charger only	desktop charger only

SAVE PHACE TACTICAL MASKS



THE ONLY VERSIONS TESTED AND APPROVED FOR SIMUNITION, SOFT AIR, PAINTBALL AND UTM TRAINING. CUSTOMISABLE, THEY GUARANTEE AN EXTREMELY HIGH LEVEL OF PROTECTION.



ANTI-FOG LENSES

The special lenses have been designed and treated for an **anti-fog effect**, guaranteeing **perfect visibility** even in the hardest actions. The lenses comply with and exceed ANSI and ASTM Paintball standards for impact resistance, luminosity and optical clarity.

SO MANY GRAPHICS, INCLUDING CUSTOM OPTIONS

The only mask with dedicated graphics that are very accurate and customisable with adhesives or using special brushes or airbrushing techniques (Marks Allott series).

AND...

The only model with a removable RWI that can be washed and interchanged (only applicable to

certain models).

No more blisters or stones entering through the holes and striking the face, lips, teeth or nose. Its profile enables **better visibility from the rifle**, with respect to any other model available on the market today. Guarantees "World Class" level protection, it was voted as the world's **most comfortable mask** by the US "JUNGLE magazine".
Mask weight: only 380 g.

DOPE SERIES

SPECIFICATIONS:

- Polycarbonate thermal pane clear lens with AF/AS/UV coating
- Material: tough, durable high impact plastic; interior: standard foam (not replaceable)
- Adjustable strap with sure grip technology
- Forehead protector and visor included
- Awesome custom SP exclusive graphic design



Voodoo Magic
C1058.05



Diablo
C1058.06



Ghost Stalker
C1058.07

OU812 SERIES

SPECIFICATIONS:

- Material: specially formulated high impact plastic; interior: plush replaceable, washable and interchangeable foam.
- Adjustable strap with sure grip technology
- Visor and cloth stuff sack included



Flesh Phace
C1058.09



Carnage
C1058.10



Lazarus
C1058.11

DISS SERIES

SPECIFICATIONS:

- Polycarbonate thermal pane clear lens with AF/AS/UV coating
- Material: high impact special formulated plastic; interior: "plush" foam (not replaceable)
- Adjustable strap with sure grip technology
- Forehead protector and visor included



Jungle Justice
C1058



OSC
C1058.01



Intimidator
C1058.02



Phantom
C1058.03



Scar Phace
C1058.04

SO PHAT SERIES

SPECIFICATIONS:

- Polycarbonate lens with AF/AS/UV coating
- Material: specially formulated high impact plastic; interior: soft plush replaceable, washable and interchangeable foam
- Adjustable strap with sure grip technology
- Included: visor, forehead protector, cloth stuff sack, 1 clear lens and 1 additional replacement
- Colored lens



War Lord
C1058.15



Boo
C1058.17



Digi
C1058.18

MARKS A LOT SERIES

SPECIFICATIONS:

- PC single pane clear lens with AF/AS/UV coating
- Material: high impact plastic; interior: sweat absorbent, replaceable, washable and interchangeable foam
- Comes in one color-bone; can be air brushed or painted
- Forehead protector and nice stuff bag included



Sharpie
C1058.13



Assassin
C1058.14

OPTIONAL/REPLACEABLE ACCESSORIES



Clear thermal lens C1059



Dark smoked thermal lens
C1059.01



Yellow thermal lens C1059.02



Mirrored smoked lens C1059.03



Mirrored yellow lens C1059.04



RWI (Replaceable/Washable/
Interchangeable) foam C1060
Spare elastic C1073

ACTION LINE

EARPIECE ACCESSORIES DEVOTED TO SOFTGUNNERS

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



BOW M-TACTICAL C1046



BOW M-TACTICAL K C1046.01

Microphone with adjustable arm and tactical PTT
Pneumatic earpiece to listen without being heard



ABM TACTICAL C855.01

Earpiece microphone with adjustable arm and tactical PTT



ABM C856

Earpiece microphone with adjustable arm and standard PTT



A21M C858

Earpiece microphone with standard PTT



EP21 C859

Earpiece 3,5mm jack socket (not compatible with Midland 777). Listening only G7/G9 ecc.




PTT+Clip Midland for BOW-M C1088





PMR446/DUAL BAND ACCESSORIES

MICROPHONES



 MA 21-L **C709.03**

 MA 21-SX **C709.02**

 MA 21-LK **C709.04**

Microphone with adjustable earpiece and PTT, with curly cord



 MA 26 - L **C515.01**

 MA26 - LK **C515.04**

Speaker microphone with volume control and earpiece socket



 MA 21-K **C843**

Microphone with adjustable earpiece and PTT



 MA 28 - L **C559.03**

 MA28-G5 **C559.01**

Speak/listen microphone
NB: MA28-G5 except Alan421-G5XT



 MA22-K **C844**


Handheld speaker microphone with PTT



 MA 30 - L **C648.03**

Microphone with adjustable arm



 MA 24-L **C517.02**

Speak/listen microphone with VOX/PTT



 AE30 **C851**

Microphone with arm



MA31 C732



MA31SX C732.02
(except Alan421)

Microphone with pneumatic earpiece



AE38 C823

Throat microphone with earphone, PTT and finger PTT



MA31 - L C732.03



MA31-LK C732.04

Microphone with pneumatic earpiece



MA-NC1 C983

Neck Collar with earpiece and PTT



MA 35 - L C652.02

Headphone with microphone



MA-NC2 C983.01

Neck Collar with earpiece and PTT

BLUETOOTH



MIDLAND BT SPORT
C850.01 Medium

Bluetooth® throat microphone with earpiece

This exploits the principle of the vibration of the larynx for clear, clean communication even in the most extreme conditions. Suitable for use in particular conditions such as sports or recreational activities (bicycle, motorcycle, excursions).

Can be used both as a telephone responder and combined with a transceiver with built-in Bluetooth® or with any transceiver equipped with the Bluetooth BPA200 accessory.



BPA 200 C900

Bluetooth adapter with 230V wall charger, 2-pin adapter

Connected to a transceiver with a 2-pin socket, it adds the Bluetooth® function, enabling the use of wireless accessories, compatible with Bluetooth standard (such as, for example, earpieces for mobile telephones, Bluetooth motorcycle intercoms such as BTCity, etc.).

Specifications: Bluetooth Standard 2.0 (mono audio)

Max. communication distance: approx. 10 m

Waterproof PTT button

360 mAh Li-Ion rechargeable battery

Battery duration during

Conversation: approx. 10 hours

Battery duration on stand-by: approx. 1 week

Cable length: 1.5 m (not pulled out)



MOTORBIKE



MA46 C660

Motorcycle rider kit

Audio kit with microphone compatible with 2-pin radios (except Alan 42 Multi). MA46 is a speaker microphone kit that can be self installed into your helmet and then plugged into a transceiver to give you bike to bike communication. It comes with a remote Press to Talk button which can be fitted to the handlebars using the velcro strip provided allowing the rider to transmit via the radio unit. If you wish an intercom facility with your pillion then you can use the Midland G8 with the BHS 300 adaptor together with a CHS300 or OHS500 headset. NB Rider to Pillion intercom is always in full duplex mode whilst Bike to Bike comms are simplex via the PTT button. (see page 88).

EMERGENCY CHARGER

EMERGENCY CHARGER C920

The Midland Emergency Charger is a portable charger for any electrical equipment fitted with a mini-USB socket and, thanks to the adapter cables supplied in the pack, also fits a great many different mobile telephone models.

Simply insert an AA battery into the charger and connect the mini-USB lead to the devices to be recharged! Its compact design and the various different leads enable the user to carry it with him at all times for use on any occasion. For maximum performance, we recommend using a lithium AA battery, although it also works with alkaline AA battery.

The pack contains:

a portable Midland Emergency Charger, 4 charging cables (extra-long USB lead, mini version Nokia charging lead, standard Nokia charging lead, Motorola charging lead).



CAR AND MOTORCYCLE MOUNTS



TWO WAY RADIO CAR KIT C982

Car kit for handheld transceivers

Pack contains: handheld microphone, dashboard microphone holder, car charger, adapter for the simultaneous use of the microphone and charger, belt clip with screw mount, suction pad mount for cars
Compatible with: Midland G7 line, G8 and G9 (2-pin connector)



KIT 161

Kit for fastening to motorcycle handlebar

Compatible with: Midland G7 line, G8 and G9



ANTENNAS

G7 FLEX C646.01

Antenna with adapter
Length: 35 cm
For Midland G7 line, G8, G9, G14, G11, G15



R72770

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



R73197

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



CASE

CC ATL /G7 WP C826.01

Waterproof case
For Midland G8, G7 line, G6
NB: pack of 10 pieces - C826



CHARGERS



	R71969	Desktop Charger 2 positions	For Midland 777 and Onda
CA-ATL/G7	C785	Dual desktop charger	For Midland G7 line
CA-CT200/400	C849	Quick desktop charger	For Midland G14
RC05	C663.02	Quick desktop charger	For Alan HP446 extrà
R45	G1066	Quick desktop charger	For Alan HP450 2A



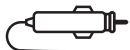
MW905	C887	Wall charger	For Midland/Alan777, Onda, Midland G12, G5 R1
MW904	C689	Wall charger	For Midland G9, G7XT, G6XT, G5XT, G8,

BATTERIES



PB-G15	C1128	1600mAh Li-Ion rechargeable battery	For Midland G15
PB G6/G8	C881	800mAh Ni-MH rechargeable battery	For Midland G8, G6, M24/48/99-S
PB-ATL/G7	C784	800mAh Ni-MH rechargeable battery	For Midland G7 line, G9
PB-G11	C967	1600mAh Li-Ion rechargeable battery	For Midland G11
PB-777	C783	3,7V - 650mAh Li-Ion rechargeable battery	For Midland/Alan 777 e Onda
BP 0518	G811.03	1800mAh Ni-MH rechargeable battery	For Alan HP446 Extrà
BP 4522	G1068	2200mAh Li-Ion rechargeable battery	For HP450 2A

ADAPTERS, CIGARETTE LIGHTERS



AL-DTC	C981	12V adaptor kit for desktop chargers	For Midland G7 line, G8, G9, G11, G14
AL777	C803	Cigarette lighter power lead	For Midland/Alan777 lines, Midland G5, G12
ALG7	C814	Cigarette lighter power lead	For Midland G9 line, G8, G7, G6, G5XT

ADAPTERS



C651	To ensure the compatibility of all equipment with 1-pin - 3,5mm stereo equipment with 2-pin accessories	For Alan 507
C829	To ensure the compatibility of all equipment with 1-pin - 2,5mm stereo equipment with 2-pin accessories	For Midland G5/777



C827	Adapter to recharge battery pack only (without radio)	For Midland G7 line, G9
-------------	---	-------------------------



C828	Adapter to recharge battery pack only (without radio)	For Midland G12
-------------	---	-----------------

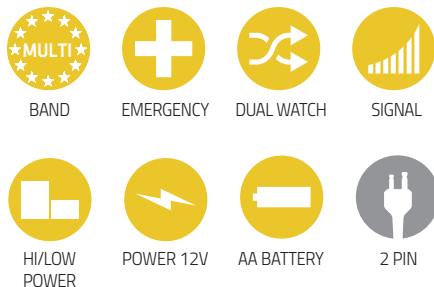


MOBILES & PORTABLES CB

The CB ("Citizens Band") has been created to allow anyone (not a member of the army and/or armed forces, police, etc., who have reserved bands on which to transmit) to communicate via radio.

In Italy, this frequency band ranges between 26,965 and 27,405 Mhz, and is divided up into 40 different channels. Transmissions, which are personal in terms of subject matter but open to all those listening to the same frequencies, take place by means of "low power" appliances (by law, no more than 4W). For personal and amateur use, they are flanked by other "professional" type purposes.

ALAN 42 MULTI



THE HIGH PERFORMANCE COMPACT CB TRANSCEIVER

SPECIFICATIONS

- Band: Multi (See below)
- Power: 1W/4W depending on the country
- Emergency channel (EMG)
- Keypad lock (LOCK)
- Battery state indicator
- High-lower power (H-L)
- Display back-lighting button

- AM-FM command selection
- SCAN function, Dualwatch
- Antenna socket: BNC
- Powered by 8 AA batteries or 12V
- 2-pin accessory socket
- **EXPORT VERSION: 400CH**

PACKS AND CODES

1 radio, wall charger for 8 style battery pack, empty battery pack for 6 styles type alkaline AA, empty battery pack for 8 type AA styles for rechargeable batteries with charging socket, adapter for car use with external SO 239 antenna socket, scratch-resistant case, antenna, belt clip, wrist strap
code C480.13

OPTIONAL ACCESSORIES



PB E42 - C602
Empty battery pack to charge 8 type AA styles (not included)



Ant 42 - C611
Antenna
CB Flex B- **C394**
Flex antenna 53 cm



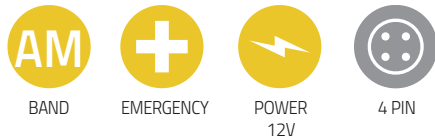
R17363
Car adapter with socket for external antenna SO239



R17365
Wall adapter

Alan 42 is compatible with all 2-pin accessories from the PMR446/Dual band section (except MA46) page 30-34

ALAN 109



40 CHANNELS (ONLY FOR POLISH MARKET)

Alan 109 is a compact vehicle CB that works in AM mode. Simple and easy to use, the Alan 109 enables the immediate selection of the Emergency channel 19. The CB/PA control, in PA position, lets the equipment change into a low frequency amplifier (with a supplementary speaker).

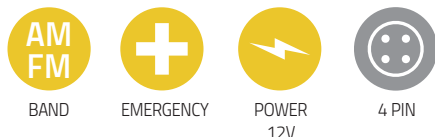
SPECIFICATIONS

- Band: AM (Polish frequencies)
- Display with channel display
- CB/PA control
- S-Meter indicator
- Squelch
- Emergency channel 19
- External speaker socket
- 4-pin microphone connector

PACKS AND CODES

1 radio, microphone, mounting bracket, fixing screws
code C873

ALAN 102



40 CHANNELS (ONLY FOR POLISH MARKET)

Alan 102 is a compact device easy to use with essential functions. The practical, separate volume and squelch commands help obtain optimal reception, whilst the condenser microphone supplied guarantees excellent audio. The 9-CH-19 knob allows the immediate selection of the emergency channels 9-19.

SPECIFICATIONS

- Band: AM-FM (Polish frequencies)
- Display with channel display
- Up/Down buttons
- Squelch
- Emergency channel 9-19
- Transmission and reception Led
- External speaker socket
- 4-pin microphone connector

PACKS AND CODES

1 radio, microphone, mounting bracket, fixing screws
code C861

ALAN 199



THE 40-CHANNEL AM CB, SIMPLE AND PRACTICAL

Alan 199 is a compact vehicle CB that works in AM mode. Simple and easy to use, the Alan 199 enables the selection of output power and can therefore be used in all European countries permitting AM regulations.

SPECIFICATIONS

- Band: AM
- Display with channel display
- Up/down buttons
- Squelch
- Emergency channel 9-19
- External speaker socket
- 4-pin microphone connector

PACKS AND CODES

1 radio, microphone, mounting bracket, fixing screws
code C702.02

ALAN 100 PLUS B



THE MOST POPULAR 40-CHANNEL AM-FM CB

Alan 100 Plus B is a compact device with essential functions and that is very simple to use. The practical, separate volume and squelch commands help obtain optimal reception, whilst the condenser microphone supplied guarantees excellent audio.

SPECIFICATIONS

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

PACKS AND CODES

1 radio, microphone, mounting bracket, fixing screws
code C442.09

MIDLAND 203 PLUS



BAND



EMERGENCY



POWER 12V



4 PIN



THE SMALLEST MULTI-BAND

Midland 203 is a compact multi-band CB with essential functions and that is very simple to use.

SPECIFICATIONS

- Band: Multi (the following bands only: I-EU-PL-D4-UK-EC-I2 see p. 41)
- Channel display: shows the channel number used
- AM/FM switch
- Squelch
- Channel 9-19 switch: enables immediate positioning on emergency channels 9 or 19
- Compact microphone

- External speaker socket
- 4-pin microphone connector
- **EXPORT VERSION: 120CH**

PACKS AND CODES

1 radio, microphone, fixing screws, mounting bracket and power lead
code C972.01

MIDLAND 210 DS



BAND



DIGITAL SQUELCH



EMERGENCY



POWER 12V



4 PIN



THE LATEST CREATION WITH DIGITAL SQUELCH

Midland 210 DS is a compact latest generation multi-band CB that is extremely simple to use. Thanks to the innovative "Digital Squelch" function, the squelch is regulated automatically, with no need to adjust the handles.

SPECIFICATIONS

- Band: Multi (see p. 41)
- 3-digit display
- AM/FM switch
- Digital Automatic squelch
- Emergency channel 9-19
- Compact microphone
- External speaker socket
- 4-pin microphone connector
- **EXPORT VERSION: 10W AM/FM - 400CH**

PACKS AND CODES

1 radio, microphone, mounting bracket, fixing screws, cigarette lighter power lead
code C1070

ALAN 78 PLUS MULTI B



BAND



SIGNAL



EMERGENCY



POWER 12V



6 PIN

THE COMPACT, EFFICIENT MULTI-BAND

Alan 78 Plus Multi B is a multi-band CB that stands out for its compact dimensions and ease of use. Any European CB band can be selected, enabling it to be used in all European Community countries.

SPECIFICATIONS

- Band: Multi (see p. 41)
- Power: 1W/4W depending on the country
- Blue back-lit multifunction display
- "Precision series" microphone with Up/Down/Lock buttons
- Squelch
- External speaker socket
- SCAN function
- 6-pin microphone connector
- **EXPORT VERSION: 400CH**

PACKS AND CODES

1 radio, microphone, mounting bracket, fixing screws
code C423.15

ALAN 48 PLUS MULTI B



BAND



SIGNAL



EMERGENCY



MEMORY



POWER 12V



6 PIN

THE PRACTICAL AND FUNCTIONAL MULTI-BAND

SPECIFICATIONS

- Band: Multi (see p. 41)
- Power: 1W/4W depending on the country
- 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
- External speaker socket
- 6-pin microphone connector
- **EXPORT VERSION: 400CH**

PACKS AND CODES

1 radio, microphone, mounting bracket, fixing screws
code C422.15

MIDLAND 248XL



THE MULTI-BAND WITH MAXIMUM FUNCTIONS

SPECIFICATIONS

- Band: Multi (see p. 41)
- ESP2 filter for noise reduction
- Noise Blanker System
- Blue back-lit multifunction display
- Lit buttons

- 5 memory positions
- RF Gain: sensitivity control in RX
- MIC Gain: microphone amplification
- Quick channel selection: Quick Up/Down
- Scan - Dual Watch - Squelch
- Emergency channel
- Compact microphone "Precision Series" with Up/Down/Lock buttons
- External S. Meter socket
- 6-pin microphone connector

- 12V power supply
- **EXPORT VERSION: 10W AM/FM - 400CH**

PACKS AND CODES

1 radio, microphone, fixing screws, mounting bracket and power lead
code C892

TABLE OF CHANNELS/POWER/BAND FOR MULTI EQUIPMENT

Code	Country	Frequencies
I	Italy 40 CH AM / FM 4 Watt	26.965-27.405
I2	Italy 34 CH AM / FM 4 Watt	26.875-27.265
D3	Germany 80 CH FM 4 Watt / 40 CH AM 1 Watt	26.565-27.405
D4	Germany 80 CH FM 4 Watt / 40 CH AM 4 Watt	26.565-27.405
EU	Europe 40 CH FM 4 Watt / 40 CH AM 1 Watt	26.965-27.405
EC	CEPT 40 CH FM 4 Watt	26.965-27.405
E	Spain 40 CH AM/FM 4 Watt	26.965-27.405
F	France 40 CH FM 4 Watt / 40 CH AM 4 Watt	26.965-27.405
PL	Poland 40 CH AM/FM 4 Watt	26.960-27.400
UK	England 40 CH FM 4 Watt + EC (40 CH FM 4Watt CEPT)	27.60125-27.99125 + 26.965-27.405
UKE	England 40 CH FM 4 Watt (only Alan 121 and Midland 220)	27.60125-27.99125
UKC	40 CH FM 4 Watt CEPT (only Alan 121 and Midland 220)	26.975-27.405
Code	Export Version	Frequencies
RU	Russia 400 CH AM/FM 4 Watt	25.615-30.105
PX	Poland 400 CH AM/FM 4 Watt Polish frequencies	25.610-30.100
SW	Sweden 24 CH FM 4 Watt 31 MHz	30.930-31.570

TECHNICAL SPECIFICATIONS

MODEL	ALAN 42 MULTI	ALAN 102	ALAN 109
Type	Portable multi-band CB	Vehicle AM-FM CB	Vehicle AM CB
GENERAL			
Channels/Bands	see multi equipment table*	40 AM -40 FM	40 AM
Frequency range	26.565 MHz - 27.99125 MHz	26.960 - 27.400 MHz	26.960 - 27.400 MHz
Power supply voltage	12,6 Vcc ± 10%	12.6 V DC ± 10%	12,6 Vcc ± 10%
Dimensions (WxHxD)/weight	70 x 140 x 30 mm/220 g (- batt)	190 x 38 x 124 mm/0,85Kg	122 x 38 x 165 mm/1Kg
Mic. connector	2-pin	4-pin	4-pin
RECEIVER			
Sensitivity for 20dB SINAD	1,0µV (AM), 0,55µV (FM)	0,5±1µV	0,5±1µV
Audio output power	0.5W@8 Ω	> 2W@8 Ω	3W@8 Ω
Audio distortion	3%@1KHz	3%@1KHz	8%@1KHz
TRANSMITTER			
Output power	1W/4W AM-FM	4W AM-FM	4W AM-FM
Modulation	AM 90% ±5% / FM 2KHz	AM 90% ±5% / FM 2KHz	AM 90% ±5%
Max. current absorbed	900mA	< 1500mA	< 2000mA

MODEL	ALAN 199	ALAN 100 PLUS B	MIDLAND 203 PLUS
Type	Vehicle AM CB	Vehicle AM-FM CB	Vehicle multi-band CB
GENERAL			
Channels/Bands	40 AM	40 AM -40 FM	see multi equipment table*
Frequency range	26.965 - 27.405 MHz	26.965 - 27.405 MHz	26.565-27.99125 MHz
Power supply voltage	12,6 Vcc ± 10%	12,6 Vcc ± 10%	12,6 Vcc ± 10%
Dimensions (WxHxD)/weight	124 x 38 x 190 mm/1,2 Kg	124 x 38 x 190 mm/1,2 Kg	124x38x190 mm/1.2 Kg
Mic. connector	4-pin	4-pin	4-pin
RECEIVER			
Sensitivity for 20dB SINAD	< 1,0µV	< 1,0µV	< 1.0 µV
Audio output power	> 2W max	> 2W max	4 W max
Audio distortion	< 8% @ 1KHz	< 8% @ 1KHz	< 8% @ 1KHz
TRANSMITTER			
Output power	1W/4W AM	4W AM-FM	1W/4W AM-FM
Modulation	AM: 90%	AM: 90%, FM: 2KHz	FM: 1,8 KHz ± 0,2 KHz - AM: 90%
Max. current absorbed	1100mA	1100mA	1100mA

MODEL	MIDLAND 210 DS	ALAN 78 PLUS MULTI B
Type	Vehicle multi-band CB	Vehicle multi-band CB
GENERAL		
Channels/Bands	see multi equipment table*	see multi equipment table*
Frequency range	26.565 - 27.99125 MHz	26.565 - 27.99125 MHz
Power supply voltage	12,6 Vcc ± 10%	12,6 Vcc ± 10%
Dimensions (WxHxD)/weight	124 x 38 x 190 mm/1.2 Kg	180 x 35 x 140 mm/0,850 Kg
Mic. connector	4-pin	6 pin
RECEIVER		
Sensitivity for 20dB SINAD	0.5 µV ± 1µV	0.5 µV ± 1µV
Audio output power	4 W max	> 2W @ 8 Ohm
Audio distortion	< 8% @ 1 KHz	< 8% @ 1 KHz
TRANSMITTER		
Output power	1W/4W AM-FM	1W/4W AM-FM
Modulation	AM: 90% FM: 1.8 KHz +/- 0.2 KHz	AM: 90% FM: 1.8 KHz +/- 0.2 KHz
Max. current absorbed	1800mA	1100mA

MODEL	ALAN 48 PLUS MULTI B	MIDLAND 248 XL
Type	Vehicle multi-band CB	Vehicle multi-band CB
GENERAL		
Channels/Bands	see multi equipment table*	see multi equipment table*
Frequency range	26.565 - 27.99125 MHz	26.565-27.99125 MHz
Power supply voltage	12,6 Vcc ± 10%	12,6 Vcc ± 10%
Dimensions (WxHxD)/weight	180 x 50 x 150 mm/1 Kg	150x45x175 mm/1 Kg
Mic. connector	6 pin	6 pin
RECEIVER		
Sensitivity for 20dB SINAD	0,5±1 µV	0,5 µV (AM/FM)
Audio output power	> 3W @ 8 Ohm	> 3W@ 8 Ohm
Audio distortion	< 8% @ 1KHz	< 8% @ 1KHz
TRANSMITTER		
Output power	1W/4W AM-FM	1W/4W AM-FM
Modulation	FM: 1.8 KHz +/- 0.2 KHz AM: 90%	FM: 1,8 KHz ± 0,2 KHz - AM: 90%
Max. current absorbed	1100mA	2500mA

* Table of channels/power/band for Multi equipment, see page 41

ACCESSORIES CB

MICROPHONES



MIDLAND F48 **C1022**

Microphone with echo.
4-pin connector for Alan 48, Alan 68S,
Midland 8001 XT



MIKE MIDLAND **T059**

Original microphone Alan 48, Alan 68S,
8001XT, 4-pin connector



MIDLAND F100 **C1021**

Microphone with echo.
4-pin connector for Alan 100 Plus B, Midland
200, Midland 203



MIKE MULTI **C714**

"Precision series" microphone with Up/down
buttons, Lock button, 6-pin connector for
series Plus Multi, Excel, Midland 248, 248 XL,
278, Alan 121 and Midland 220 (no channel
change).



MIDLAND F MULTI **C1023**

Microphone with echo.
6-pin connector for Multi Standard CB radio



MIKE SE (SPECIAL EDITION) **C870**

"Old style" microphone with metal mesh.
4-pin connector for Alan 48, Alan 68S



MR120 **C404.01**

Electret microphone with up/down buttons
6-pin connector for series Plus Multi, Excel,
Midland 248, 248 XL, 278, Alan 121 and
Midland 220 (no channel change)



MIKE SE (SPECIAL EDITION) **C870.01**

"Old style" microphone with metal mesh.
6-pin connector for serie Plus Multi, Excel,
Alan 121 e Midland 220, 248, 248 XL, 278



MDL4190 C074

Original microphone. Impedance 500 Ohm, 4-pin connector for Alan 48, Alan 68S, 8001XT



C1094 (EX R17332)

Original microphone. 5-pin connector for Alan 100 Plus, Alan 100 Plus Euro and Alan 199-A



R51504

Original microphone. 4-pin connector, For Alan 100 Plus B, Midland 203, Alan 199

MICROPHONE-HOLDER - BRACKETS



PM3 T431

Microphone-holder with screw fastening and bi-adhesive



SA 48 T769

Complete with 1 bracket, 2 slides, 2 handles, 2 screws for Alan 48, 68S



PMF T570

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



SPM-48 DIN C791

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



T060

3-pole lead with fuse-holder. Length: 160 cm

SPM-78 DIN C792

DIN bracket for Alan 78 Plus Multi B, Midland 278



SU 29 T452

Practical sliding mount for the removal of your transceivers. Compatible with all vehicle CBs

SPM-100 DIN C807

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

SPEAKERS



AU 25 T681



AU 20 T775



EH 800 P348



MIDLAND 70-2355T C733



AU 30 T682

ALSO SUITABLE FOR OUTDOOR USE

ALSO SUITABLE FOR OUTDOOR USE

SPECIFICATIONS	AU 25	AU 20	EH 800	MIDLAND 70-2355T	AU 30
Impedance	8 Ohm	8 Ohm	8 Ohm	3.2 Ohm	8 Ohm
Rated power	3 W	2 W	-	2 W	7 W
Maximum power	5 W	5 W	10 W	20W	12 W
Size in mm	100x60x60	65x55x65	90x85x110	123x123x62	110x140x60

BROAD BAND 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 seen 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



RF power	5W - 20W - 200W - 400W
R.O.S.	1.1 / ∞
Impedance	52 Ohm
Frequency range	1.8 200 MHz - 140 - 525 MHz
Precision	ROS - PWR 5%
Size in mm	155x100x60
Weight	730 g
Connector	SO239

HP POWER AMPLIFIER

AM-FM-SSB-CW (FOR AMATEUR USE ONLY)

HF747 C882

HF power amplifier AM-FM-SSB-CW

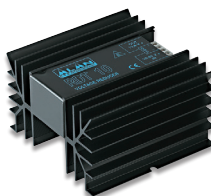


Frequency	HF
Power supply	12-14 Vcc
Current absorbed	8/10 A
Input power	0,5/10 W
Output power	100 W max
Mode	AM-FM-SSB-CW
Fuse	2 x 12 A
Size/Weight	109 x 210 x 35 mm / 605 g

VOLTAGE REDUCERS



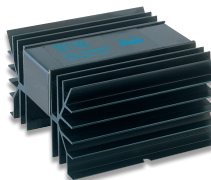
RDT 11/S C786
Switching technology
AUTOMOTIVE approval no.: 10R-026170



RDT 10/A C589
AUTOMOTIVE approval no.: e3 02 1049



RDT 16/S C787
Switching technology
AUTOMOTIVE approval no.: 10R-026171



RDT 14/A C531
AUTOMOTIVE approval no.: e3 02 1050



RDT 20/S C788
Switching technology
AUTOMOTIVE approval no.: 10R-026172



RDT 30/R T674
AUTOMOTIVE approval no.: e3 02 1051

SPECIFICATIONS	RDT 11/S	RDT 16/S	RDT 20/S	RDT 10/A	RDT 14/A	RDT 30/R
Switching technology	Yes	Yes	Yes	No	No	No
Input voltage	20-30 Vcc	20-30 Vcc	20-30 Vcc	24-28 Vcc	24-28 Vcc	24-28 Vcc
Output voltage	13,5 +/- 0,5Vcc	13,5 +/- 0,5Vcc	13,5 +/- 0,5Vcc	13,8 Vcc	13,8 Vcc	13,8 Vcc
Dimensions (HxWxD)	35x75x160	35x105x170	40x115x200	64x120x112	64x120x112	40x102x300
Weight	387 g	554 g	782 g	670 g	580 g	1200 g
Output specifications						
Continuous	8 A	12 A	18 A	6 A	6 A	10 A
6/3'	-	-	-	10 A/-	8 A/-	15 A/20 A
Max peak	10 A/15 min	16 A/ 15 min	20 A/15 min	10 A	10 A	30 A

SWITCHING POWER SUPPLIES

The new power supplies protected from short-circuit that can be used for radio applications and in electronics laboratories.



K45S C1024



K75S C1025



K105S C1026

SPECIFICATIONS	K45S	K75S	K105S
Input voltage	230Vca-50Hz	230Vca-50Hz	230Vca-50Hz
Output voltage	13,8Vcc	13,8Vcc	13,8Vcc
Rated output current	3A	7A	10A
Peak current	5A	9A	12A
Size in mm	75 x 111 x 177	102 x 150 x 223	102 x 152 x 223
Weight	0,900 Kg	1,400 Kg	1,500 Kg

VHF/UHF AMATEUR & PROFESSIONAL

Amateur radio activity is particularly important in the event of a natural disaster and civil guard intervention. To use amateur radio appliances in Italy, an examination must be passed and an annual fee of 5 euros paid.



MIDLAND CT 210/CT410



VOX



BATTERY
LEVEL



EMERGENCY



SCAN



TOT



BUSY
CHANNEL



HI/LOW
POWER



SCRAMBLER



3 COLORS
DISPLAY



BATTERY
PACK



2 PIN
KENWOOD



AMATEUR EQUIPMENT IN VHF E UHF

CT210
Version: VHF
Colour: Black with blue insert
Frequency: 144-146MHz (Export 136-174MHz)
Output power: 4W VHF

CT410
Version: UHF
Colour: Black with red insert
Frequency: 430-440MHz
(Export 400-470MHz)
Output power: 4W VHF

SPECIFICATIONS

- 50 CTCSS tones/105 DCS codes
- 128 channels to store
- Channel spacing: 25KHz/12.5KHz
- 1750 Hz tone for repeaters
- SOS emergency function
- Shift repeater
- Vox and Scan function
- Back-lit display with 3 colours
- Optional viewing on display of channel number, channel number + frequency or only frequency
- TOT (Time out timer) function
- Busy channel lockout (BCLO) function
- Squelch adjustable to 9 levels
- Keypad lock
- Hi/Low power selection
- Frequency setting and keypad channels
- Voice indication of the function selected
- VOICE

- Inverted frequency function
- Frequency step: 5/6.25/10/12.5/25 kHz
- Frequency offset: 0-69.950 MHz
- Function/channel reset
- Scrambler
- 2-pin Kenwood accessory socket

PACKS AND CODES

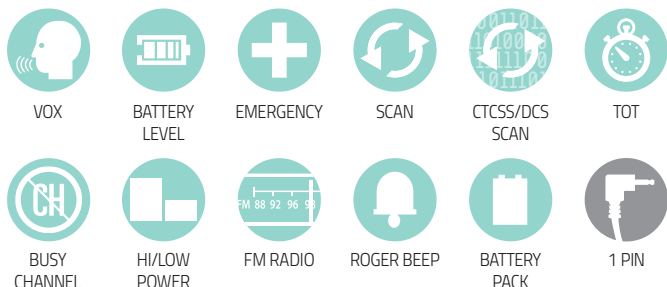
CT210 code C841.01

Box with 1 radio, 1200mA Li-Ion battery pack, rapid desktop charger, wall adapter, antenna, belt clip

CT410 code C840.01

Box with 1 radio, 1200mA Li-Ion battery pack, rapid desktop charger, wall adapter, antenna, belt clip

MIDLAND CT 510

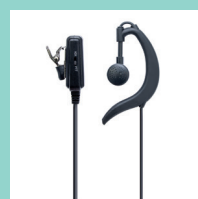


PROGRAMMING SOFTWARE

PRG-510

code C1104

Complete with USB connection lead for PCs



R73725

Microphone with earpiece
for CT510

THE SMALL, COMPACT MINI DUAL BAND

Version: Dual Band VHF/UHF
Colour: Black with yellow insert
Frequency: 144-146MHz (Export 136-174MHz)
430-440MHz (Export 400-470MHz)
Output power: 2W VHF/2W UHF

SPECIFICATIONS

- 50 CTCSS tons/212 DCS tons
- 128 channels to store
- Channel spacing: 25KHz/12.5KHz
- 1750 Hz tone
- Auto-off function (Apo)
- Compander

- Scrambler
- SOS emergency function
- Operating mode: UHF-UHF, VHF-VHF e VHF-UHF
- Dual band viewing (VHF/UHF) on display and channel name
- FM radio receiver (76+108 MHz)
- Roger Beep tone at start/end of conversation
- Frequency scan with CTCSS/DCS
- DTMF
- Shift repeater
- Vox and Scan functions
- Back-lit display
- Optional viewing on display of channel number, channel number + frequency or only frequency
- TOT (Time out timer) function
- Busy channel lockout (BCLO) function
- Squelch adjustable to 9 levels
- Keypad lock

- Hi/Low power selection
- Frequency setting and keypad channels
- Voice indication of the function selected VOICE
- Inverted frequency function
- Frequency step: 5/6.25/10/12.5/25/37.5/50/100 kHz
- Frequency offset: 0-69.950 MHz
- Function/channel reset
- 1-pin 2,5mm accessory socket

PACKS AND CODES

Box with 1 radio, 1300mA Li-Ion battery pack, quick desktop charger, microphone with adjustable earpiece and PTT, wall adapter, flex antenna, belt clip

code C1065

MIDLAND CT 710



VOX



BATTERY
LEVEL



EMERGENCY



SCAN



CTCSS/DCS
SCAN



DTMF



TOT



BUSY
CHANNEL



HI/LOW
POWER



SCRAMBLER



3 COLORS
DISPLAY



FM RADIO



ROGER BEEP



BATTERY
PACK



2 PIN
KENWOOD



PROGRAMMING SOFTWARE PRG10 code C974.01

Complete with USB connection lead for PCs

THE SIMPLE, USER-FRIENDLY DUAL BAND FOR SECURE COMMUNICATION

Version: Dual Band VHF/UHF
Colour: Black with yellow insert
Frequency: 144-146MHz
(Export 136-174MHz)
430-440MHz
(Export 400-470MHz)
Output power: 5W VHF/4W UHF

SPECIFICATIONS

- 50 CTCSS tones/210 DCS codes
- 128 channels to store
- Channel spacing: 25KHz/12.5KHz
- 1750 Hz tone

- SOS emergency function
- Operating mode: UHF-UHF, VHF-VHF and VHF-UHF
- Dual band viewing (VHF/UHF) on display and channel name
- Scrambler
- Compander
- Back-lit display with 3 colours
- FM radio receiver
- Roger Beep tone at start/end of conversation
- Frequency scan with CTCSS/DCS
- DTMF
- Shift repeater
- Vox and Scan functions
- Back-lit display
- Optional viewing on display of channel number, channel number + frequency or only frequency
- TOT (Time out timer) function Busy channel lockout (BCLO) function

- Squelch adjustable to 9 levels
- Keypad lock
- Hi/Low power selection
- Frequency setting and keypad channels
- Voice indication of the function selected VOICE
- Inverted frequency function
- Frequency step: 5/6.25/10/12.5/25 kHz
- Frequency offset: 0-69.950 MHz
- Function/channel reset
- 2-pin Kenwood accessory socket

PACKS AND CODES

Box with 1 radio, 1600mA Li-Ion battery pack, quick desktop charger, wall adapter, antenna, belt clip
code C1049

MIDLAND CT 790



VOX



BATTERY
LEVEL



EMERGENCY



SCAN



TOT



BUSY
CHANNEL



HI/LOW
POWER



SCRAMBLER



3 COLORS
DISPLAY



BATTERY
PACK



2 PIN
KENWOOD



PROGRAMMING SOFTWARE PRG10

code C974.01

Complete with USB connection lead for PCs

THE HARD-WEARING, RELIABLE DUAL BAND

Version: Dual Band VHF/UHF
Colour: Black
Frequency: 144-146MHz (Export 136-174MHz)
430-440MHz (Export 400-470MHz)
Output power: 5W VHF /4W UHF

SPECIFICATIONS

- 50 CTCSS tones/210 DCS codes
- 128 channels to store
- Channel spacing: 25KHz/12.5KHz
- 1750 Hz tone
- SOS emergency function

- Operating mode: UHF-UHF, VHF-VHF e VHF-UHF
- Dual band viewing (VHF/UHF) on display and channel name
- FM radio receiver 88+ 108 MHz
- Chronometer
- Built-in torch
- Frequency step: 5/6.25/10/12.5/25 kHz, 50/100 kHz
- Roger Beep tone at start/end of conversation
- Frequency scan with CTCSS/DCS
- DTMF
- Shift repeater
- Vox and Scan functions
- Back-lit display
- Optional viewing on display of channel number, channel number + frequency or only frequency
- TOT (Time out timer) function
- Busy channel lockout (BCL) function
- Squelch adjustable to 9 levels
- Keypad lock
- Hi/Low power selection
- Frequency setting and keypad channels
- Voice indication of the function selected VOICE
- Inverted frequency function
- Frequency offset: 0-69.950 MHz
- Function/channel reset
- 2-pin Kenwood accessory socket

PACKS AND CODES

Box with 1 radio, 1700mA Li-Ion battery pack, quick desktop charger, wall adapter, antenna, wrist strap
code C924

TECHNICAL SPECIFICATIONS

Model	CT510	CT 210	CT 410
General			
Frequency	144-146MHz/ 430-440MHz	144-146MHz	430-440MHz
Operating temperature	-20° -+55°	-20° -+55°	-20° -+55°
Voltage supply	3.7V	7.4V	7.4V
Operating mode	Simplex or Semi-duplex	Simplex or Semi-duplex	Simplex or Semi-duplex
Size (excluding antenna)	85x55x28mm	100x58x33mm	100x58x33mm
Weight (including batteries)	127g	203g	203g
Antenna impedance	50Ω	50Ω	50Ω
Use cycle	5/5/90	5/5/90	5/5/90
Transmitter			
Frequency stability	±2.5PPM	±2.5PPM	±2.5PPM
Output power	2W VHF/UHF	>4W	>4W
Maximum frequency deviation	KHz	5KHz	5KHz
Audio distortion	≤ 3%	≤ 3%	≤ 3%
Receiver			
RF sensitivity	< 0.3μV	< 0.2μV	< 0.2μV
Audio distortion	≤ 3%	≤ 3%	≤ 3%
Audio response	300Hz + 3KHz	300Hz + 3KHz	300Hz + 3KHz

Model	CT 710	CT 790
General		
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 (excluding antenna)	100x58x33mm	105x58x39mm
Weight (including batteries)	203g	250g
Antenna impedance	50Ω	50Ω
Use cycle	5/5/90	5/5/90
Transmitter		
Frequency stability	±2.5PPM	±2.5PPM
Output power	VHF: 5W UHF:4W	VHF: 5W UHF:4W
Maximum frequency deviation	5KHz	5KHz
Audio distortion	≤ 3%	≤ 3%
Receiver		
RF sensitivity	< 0.2μV	< 0.2μV
Audio distortion	≤ 3%	≤ 3%
Audio response	300Hz + 3KHz	300Hz + 3KHz

VHF/UHF AMATEUR ACCESSORIES

MICROPHONES



MA 21-LK **C709.04**

Microphone with adjustable earpiece and PTT, with curly cord



MA 21-K **C843**

Microphone with adjustable earpiece and PTT



MA22-K **C844**

Handheld speaker microphone with PTT



MA 26 - LK **C515.04**

Speaker microphone with volume control and earpiece socket



MA31-LK **C732.04**

Microphone with pneumatic earpiece

CASE



CS 200/400 **C 845**

Leather case for CT200-400, CT210-410

DESKTOP CHARGERS



CA-CT200/400 **C849**

Quick desktop charger with wall adapter for CT200-400, CT210-410, CT 710

CA-CT790 **R72767**

Quick desktop charger with wall adapter for CT790

R73642

Desktop charger CT510

BATTERIES



PB200/400 **C846**

Battery pack 1200mA, 7,4Vcc Li-Ion for CT200-400/CT210-410

PB710 **C1050**

Battery pack 1600mA, 7,4Vcc Li-Ion for CT710

PB CT 790 **C931**

Battery pack 1700mAh Li-Ion for CT790

R73645

Battery pack 1300MAH Li-ion for CT510

CHARGERS



AL-DTC **C981**

12V adaptor kit for desktop chargers, compatible with all



R73643

Wall adapter for CT510

USB CABLE



R73644

CT510 USB cable

ANTENNAS



ANT200 **C847**

Antenna for CT200

ANT400 **C848**

Antenna for CT400

ANT210 **C847.01**

Antenna for CT210

ANT410 **C848.01**

Antenna for CT410



ANT710 **C1051**

Antenna for CT510 and CT710

ANT790 **R72659**

Antenna for CT790

ALAN HP108 ALAN HP408L ALAN HP408H



VOX



BATTERY
LEVEL



SCAN



SCRAMBLER



HI/LOW
POWER



ROGER BEEP



BATTERY
PACK



2 PIN



PROGRAMMING SOFTWARE

complete with USB connection lead for PCs
PRG08 - HP08 serie **G1184**

COMPETITIVELY PRICED PROFESSIONAL PERFORMANCE AND QUALITY

HP108: VHF 136-174 MHz
HP408L: UHF 400-470 MHz
HP408H: UHF 465-520 MHz

SPECIFICATIONS

- Protection IP54
- 180 channels
- Breakdown of channels according to groups
- Customisable switch on message

- Backlit LCD display
- Back-lit keypad
- Standard CTCSS tones and digital DCS
- Selective calling 5 tones, 5+5 tones in the various standard formats
- Signal intensity indicator
- Built-in scrambler with 8 different selectable frequency codes
- Compander
- Transponder function
- Adjustable power: max. 5W programmable at High/Low/Medium
- Battery life: up to 12 hours
- Built-in vox adjustable to 8 different sensitivity levels and 4 different delay levels
- 2-pin accessory socket

PACKS AND CODES

1 radio, quick desktop battery charger, Li-Ion 1600 mA/h rechargeable battery, antenna, belt clip
HP108 **G1176.01** VHF 136-174MHz
HP408L **G1177.04** UHF 400-470MHz
HP408H **G1177.01** - UHF 465-520 MHz

ALAN HP106 ALAN HP406 ALAN HP70L



VOX



BATTERY
LEVEL



EMERGENCY



SCAN



SCRAMBLER



HI/LOW
POWER



ROGER BEEP



BATTERY PACK



2 PIN



PROGRAMMING SOFTWARE

complete with USB connection lead for PCs
PRG06 - Serie HP06/HP70 **G966**

VERSATILITY AND CUSTOMISATION OF COMMUNICATION STANDARDS

HP106: VHF 146-174 MHz
HP406: UHF 440-470 MHz
HP70L: high band 77-88 MHz

SPECIFICATIONS

- Protection IP54 - MIL STD810 CDEF MIL STD810 CDEF
- 16 channels
- Standard CTCSS tones and digital DCS
- Selective formats 5 tones, 5+2, 5+5, customisable

- Lone worker function (software prog.)
- Built-in frequency inversion scrambler
- Channel/priority channel scanning
- Transponder function
- Adjustable power: 5W (VHF version) programmable high/low; 4W (UHF version) programmable high/low.
- Battery life > 8 hours (with high capacity battery)
- Built-in vox adjustable to 2 levels of sensitivity
- Internal connector for optional digital scrambler cards
- EEPROM flash: maximum flexibility and customisation of software/firmware
- Dead man
- 2-pin accessory socket

PACKS AND CODES

1 radio, antenna (only HP06), belt clip
HP106 **G932.04** - VHF 146-174MHz
HP406 **G933.04** - UHF 440-470MHz
HP70L **G1043.02** - low band 66-77MHz
HP70H **G1043.03** - high band 77-88MHz

ANTENNAS HP70L (NOT SUPPLIED IN PACK)

HA 68-H **G970** - 77-88MHz antenna
HA 68-L **G1049** - 66-77MHz antenna

ALAN HM135 ALAN HM435 ALAN HM70



EMERGENCY



SCAN



SCRAMBLER



HI/LOW
POWER



PROGRAMMING SOFTWARE

complete with USB connection lead for PCs
PRG35 - for HM06, HM35 and HM70 **G968**

FOR ADVANCED COMMUNICATION SYSTEMS

HM135: VHF 136-174MHz
HM435: UHF 403-470MHz
HM70: 66-88MHz 465-520MHz

SPECIFICATIONS

- 4 - 25W output power
- MIL STD 810 C D,E, F and IP54 (front panel only)
- More than 250 channels with usable settings
- CTCSS/DCS

- Programmable channelling
- Graphic LCD display
- 4 function buttons
- Phone book
- Standard and customised selective call
- Scrambler
- Kill/revive
- Remote use front panel
- 4W front speaker
- Standard and priority channel scan
- Talk around - Public Address function
- Flash memory
- PC programmable
- Data transmission (compliant with ETS300-113)
- Standard DB25 accessories connector

PACKS AND CODES

1 radio, power lead and support bracket
HM135 **G934** VHF 136-174MHz
HM435 **G935** UHF 403-470MHz
HM70 **G1101** 66-88MHz 465-520MHz (export)

ALAN HM106



EMERGENCY



SCAN



HI/LOW
POWER



PROGRAMMING SOFTWARE

complete with USB connection lead for PCs
PRG35 - per HM06, HM35 e HM70 **G968**

VHF, REASONABLY PRICED PROFESSIONAL PERFORMANCE

SPECIFICATIONS

- Output power 4 - 25W
- MIL STD 810 C D,E, F and IP54 (front panel only)
- 99 channels
- CTCSS/DCS
- Programmable channelling
- 2-digit LED display
- 4 function buttons
- Selective calling
- 4W front speaker
- Standard and priority channel scan
- Talk around
- Public Address function
- Flash memory
- PC programmable

PACKS AND CODES

1 radio, standard microphone, power lead and support bracket
HM106 **G997** VHF 136-174MHz

ALAN RPT 35S QUICK SETUP



BASE STATION/REPEATER

The new **RPT 35S** has been designed to provide extensive coverage for organisations requiring repeaters that are excellent value for money.

RPT 35S is supplied with a built-in power supply and 6-cell duplexer contained in 19-inch 3U racks.

RPT 35S is also fitted with a standard DB25 connector for link connections with other repeaters.

FOR TECHNICAL INFORMATION:
TEL. +39 0522509411 - INFO@CTE.IT

SPECIFICATIONS

- Output power programmable from 4 to 25 W
- Power supply/buffer battery charger 220 V AC 13.8 V DC (battery not included)
- 32 channels (8 can be switched locally)
- CTCSS Enc-dec, DCS
- Automatic no network and flat battery warning (prog.)
- Automatic switch-off with low battery level (prog.)
- Removable front panel
- Kill/revive (via selective radio control)
- 6-cell duplexer included

PACKS AND CODES

1 repeater, power lead and duplexer leads-connection

RPT 135S **G1134** VHF 135-174MHz
(duplexer H band 152-175MHz)

RPT 135S **G1134.01** VHF 138-156MHz
(duplexer L band 138-156MHz)

RPT435S **G1135** UHF 405-470MHz

PROGRAMMING SOFTWARE

complete with USB connection lead for PCs
PRG RPT **G1080**

ACCESSORIES

PORTABLES



RC05 - C663.02
Black quick desktop charger compatible with: HP06

RC08 - G1191
Quick desktop charger compatible with: HP08



BP0518 - G811.03
1800 mAh NiMh rechargeable battery for HP06-HP70

BP08 - G1192
1600 mAh Li-Ion rechargeable battery for HP08



AL-DTC - C981
Power supply compatible with: Alan RC08, RC05

VEHICLES



MK06/35 - G1004
Standard palm microphone compatible with: all Alan HM



MK35-K - G1003.01
Microphone with keypad compatible with: Alan HM35/70



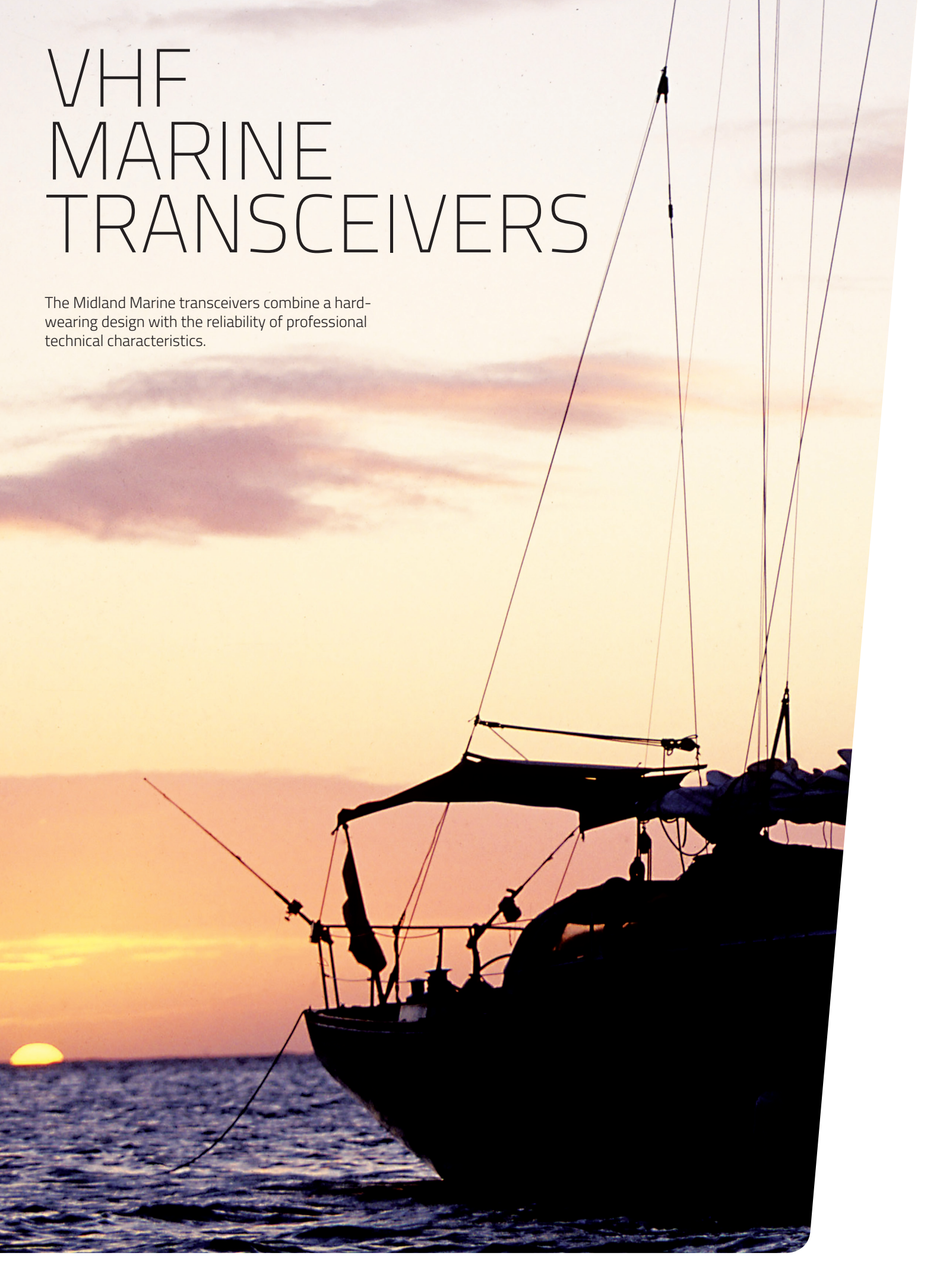
AU25 - T681
External speaker max. 5W compatible with: Alan HM35/70/06



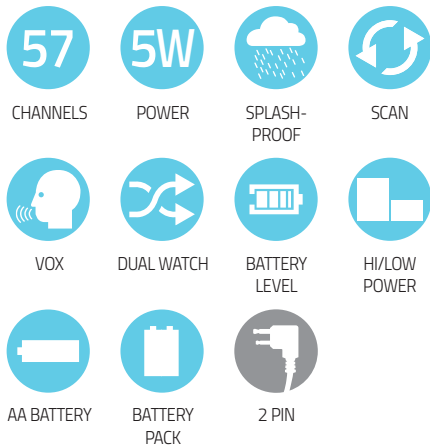
G1016
Remote control kit including 5 m extension lead with connectors, brackets, screws. Compatible with: Alan HM35/70

VHF MARINE TRANSCEIVERS

The Midland Marine transceivers combine a hard-wearing design with the reliability of professional technical characteristics.



PACIFIC



PROGRAMMING SOFTWARE

PRG PACIFIC

cod. G1124

Complete with USB lead for PCs

PRACTICAL AND HARD-WEARING FOR IMMEDIATE COMMUNICATION

Midland Pacific is a portable marine VHF transceiver that combines hard-wearing reliability with decidedly professional technical specifications. Functions are all within easy reach, including the button granting immediate access to emergency channel 16. The antenna is removable and thanks to the standard SMA connector, other types of antenna can also be used.

SPECIFICATIONS

- Splashproof
- Transmission power: 5W
- High/low power selection (5W/1W)
- 57 international channels/20 user programmable channels (via software)
- Removable antenna - SMA connector
- Large backlit LCD display
- Immediate access to the emergency channel 16
- VOX, SCAN and Dual Watch function
- Keypad lock, automatic squelch
- Roger beep (end of call tone)
- Flat battery indicator and automatic battery saver
- Power supply: NiMH battery pack (or 4 AA batteries optional)

- 2-pin accessory socket
- Compatible wall charger: MW905

PACKS AND CODES

Box with one radio, one desktop charger, wall charger, rechargeable 800mAh battery pack, 12V cigarette lighter charger, desktop/wall mount and belt clip

code G1094 Black

NEPTUNE 100



PROGRAMMING SOFTWARE

PRG NEPTUNE 100

cod. G1130

Complete with USB lead for PCs

COMPACT, REDUCED SIZE, FULLY WATERPROOF

Neptune 100 encompasses all the essential functions for communication at sea in a small, compact cabinet. Thanks to the large backlit LCD display, all information is easily visible and within reach.

Neptune 100 is fully waterproof with protection grade IPX7. Can remain submerged in the water for 30 minutes at a depth of 1 metre.

SPECIFICATIONS

- Waterproof: IPX7
- 57 international channels
- DSC system - Class D - with received messages archive
- ATIS system

- Transmission power 25W (25W/1W)
- Main commands repeated on the microphone for more immediate use
- Channel selection and recall of channel 16
- Large front backlit keypad
- Large backlit LCD display with adjustable contrast
- Squelch adjustment
- Connection with external speaker
- Dual Watch function to monitor channel 16 when listening to the tuned channel
- Triple Watch function to monitor channels 9 and 16 in addition to the tuned channel
- Scan function on all channels or saved channels with the option of creating a group of channels
- External GPS socket (optional)
- Programmable functions using the PRG-Neptune 100 programmer, optional: 16 MMSI

addresses (vessel identification code), 20 channels for authorised professional users

PACKS AND CODES

Box with 1 Neptune 100 device, microphone and mount, external GPS lead, power lead, bracket mount and fixing screws
code G1125 Black

NEW NEPTUNE



PROGRAMMING SOFTWARE PRG NEPTUNE

cod. G1130

Complete with USB lead for PCs.

Download software: http://www.midlandradio.eu/new_neptune/product_eu_205109.aspx

TECHNOLOGICALLY ADVANCED, PROFESSIONAL AND HARD-WEARING

New Neptune is the perfect solution for those seeking a highly professional device with metal cabinet, water-resistant (IP54) and fitted with a complete alphanumeric keypad on the front panel. **New Neptune** is controlled by a micro processor which enables advanced performance and specifications to be obtained; it controls the tuning of the nautical band and advanced functions such as Dual Watch, Triple Watch and all the various scans available.

SPECIFICATIONS

- Waterproof: IPX4
- 56 international channels
- DSC system - Class D - with received messages archive
- ATIS system
- Transmission power 25W (25W/1W)
- 23 front commands for the immediate use of all functions
- Main commands repeated on the microphone for more immediate use
- channel selection and recall of channel 16
- Large front backlit keypad
- Backlit LCD display with adjustable contrast
- Squelch adjustment
- Connection with external speaker
- Dual Watch function to monitor channel 16 when listening to the tuned channel

- Triple Watch function to monitor channels 9 and 16 in addition to the tuned channel
- Scan function on all channels or saved channels with the option of creating a group of channels
- External GPS socket (optional)
- Programmable functions using the PRG-Neptune programmer, optional: 16 MMSI addresses (vessel identification code), 20 channels for authorised professional users

PACKS AND CODES

Box with 1 device, microphone and mount, external GPS lead, power lead, bracket mount and fixing screws
code G979.04 White

TECHNICAL SPECIFICATIONS

GENERAL	PACIFIC	NEPTUNE 100	NEW NEPTUNE
Channels	57 international	57 international	56 international
TX frequency coverage	from 156.025 to 157.425 MHz	from 156.025 to 157.425 MHz	from 156.025 to 157.425 MHz
RX frequency coverage	da 156.300 a 162.000 MHz	da 156.300 a 162.025 MHz	da 156.300 a 162.025 MHz
Power supply	Battery pack/4 AA batteries opz	12 V DC	12 V DC
Operating temperature	from -15°C to +55°C	from -15°C to +55°C	from -15°C to +55°C
Removable antenna/length	Yes - SMA connector/250 mm	No	No
Size (LxAxP)	62x122x35 mm	177x72x146	170x70x160 mm
Weight (transceiver only)	137 g	1,2 Kg	1,305 Kg
Accessory socket type	2 pin	Speaker 3,5mm Mono/GPS	Speaker 3,5mm Mono/GPS
Programmable	Via software (PRG-PACIFIC)	Via software (PRG-NEPTUNE 100)	Via software (PRG-NEPTUNE)
Water protection grade	-	IPX7	IPX4
Transmitter			
Output power	5 Watt (1W/5W)	HIGH: 25W - LOW: 1W	HIGH: 25W - LOW: 1W
Receiver			
Sensitivity to 20dB Sinad	0,35 µV	< 0.5µV	< 1,0µV
Audio output power	500mW @ 10% THD	> 2W @ 8 Ohm	> 2W @ 8 Ohm
Audio distortion	< 10%	1°: 21.4MHz – 2°: 405KHz	1°: 21.4MHz – 2°: 405KHz

ACCESSORIES

MICROPHONES



MA 21-L
C709.03

Microphone with adjustable earpiece and PTT, with curly cord



MA 28 - L
C559.03

Speak/listen microphone



MA 26 - L
C515.01

Speaker microphone with volume control and earpiece socket



MA 30-L
C648.03

Microphone with adjustable arm

CHARGERS - BATTERIES - ADAPTERS - DASHBOARD KIT

Atlantic XT	CA-ATL/G7 C785	Double desktop battery charger
Atlantic XT and Pacific	PB-ATL/G7 C784	800mAh Rechargeable battery packs compatible with: Atlantic XT and Pacific
Atlantic XT	MW904 C689	Wall charger compatible with: Atlantic XT
Pacific	MW905 C887	Wall charger compatible with: Pacific
Atlantic XT	ALG7 C814	Cigarette lighter power lead compatible with: Atlantic XT (not compatible with Pacific)
Atlantic XT	C827	Rechargeable adapter for PB ATL/G7
New Neptune	G1020.01	dashboard kit white New Neptune

CASE



CC ATL /G7 WP **C826.01**

Waterproof case
Compatible with: Atlantic XT, Pacific NB: pack of 10 pieces **C826**

SPEAKER



Midland 70-2355T **C733**

Speaker for outdoor use compatible with: Neptune 100, New Neptune

MARINE ANTENNAS

AZZURRA 40 T454

CB nautical antenna

Suitable for all types of boats, particularly those in fibreglass. Can be used on camper vans



SHARK 3 F483

VHF marine antenna

Shark 3 is fitted with a fixing bracket at the shaft head, created from stainless steel, and an SO 239 connector for the direct fastening of the antenna lead. The coil is waterproof. Particularly suitable for small boats and rubber dinghies.



SHARK 4 F484

VHF marine antenna

The Shark 4 is fitted with a removable style to enable complete coverage of the boat during stowage and release for easy adjustment in any position. The body is in cast plastic and the style in fibre.



Technical specifications	Azzurra 40	Shark 3	Shark 4
Operating frequency (MHz)	27	156÷162	156÷162
Number of channels	40	600	600
Maximum applicable power (W)	50	100	100
R.O.S.min.in centre band	1:1,1	1,1÷ 1,5	1,1÷ 1,5
Gain	3 dB	3 dB	3 dB
Length (cm)	160	140	140
Impedance (Ohm)	50	50	50
Weight (g)	1000	1000	1000
Style material	Fibre	Fibre	Fibre
Antenna connection type	without PL	SO 239	without PL
Lead (m)	4	-	4

ANTENNAS



CAR AND TRUCK ANTENNAS



X-TURBO
CAMPER 27
C863



X-TURBO MINI
C864



X-TURBO 60
C871



X-TURBO 80
C872



ALAN PC 4
T739



ALAN PC 6
T736



ALAN PC 8
T701



ALAN S9 PLUS
T638



FUNK 90
T638.04



FUNK 130
T638.05



FUNK 150
T638.06



ML 145
T562.01



PICCO 70C
T638.12



PICCO 70S
T638.13



MINI
C593



SUPERMINI
C592

MAGNETIC CB ANTENNAS

Small antenna complete with lead and connector

High power antenna with magnetic base Ø 120 mm



MIDLAND 18-244M
T788



KIT 007
ML145 + BM 120 PL



LC29
C1018



LC59
C1019



LC65
C1020

VHF/UHF CAR AND TRUCK ANTENNAS



NW-2000
C623
F.O.W.*



NR-770R
C626
F.O.W.*



NR-770S
C625



AZ-504
C627



M-285
C631



M150-GSA
C632



VH 1
F092



VH 2
F093

VHF/UHF PORTABLE ANTENNAS



RH-707 FLEX
C635
Flex-Tilt



RH-701
C634
Flex



RH-771
C637
Flex



RH-775
C638
Telescopic



RH-777
C639
Flex-Tilt



RH-779
C640
Telescopic-Tilt



RH-519
C641
Super Flex



RH-536
C644
Super Flex



CH-32
C642



SRH-536
C646
Super Flex - SMA



SRH-701
C645
Super Flex-SMA

* F.O.W.: Reclining structure. The reclining style guarantees that the antenna can move extensively in all directions, enabling the convenient parking of the car in the garage without removing the antenna. Equipped with a safety block for safe driving.

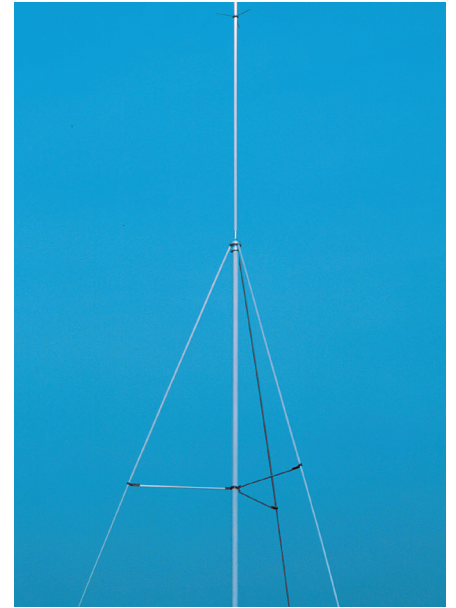
CB BASE ANTENNAS



ENERGY NEW 1/2 T241.02



ENERGY NEW 5/8 T242.02



SKYLAB T233

The Skylab base is built from a single block to ensure maximum mechanical robustness and the best possible seal of connections. The 3 upper radials decrease static electricity loads on the antenna.
With anti-whistle cage

EQUIPPED WITH A SYSTEM TO PROTECT AGAINST WATER LEAKS

Energy New 1/2 and Energy New 5/8 are telescopic base antennas, ground plane at 1/2 - 5/8 lambda, operating on 27MHz, built in anti-corrosion aluminium. All elements are telescopic and facilitate installation.

VHF/UHF BASE ANTENNAS



X30 C614



X50 C615



F-22A C619

DCG: Antennas short-circuited to earth to protect your equipment from electrostatic charge in the event of a storm
HQJ: Built with high quality, hard-wearing joints

TECHNICAL SPECIFICATIONS

N.B.: Midland cannot advise on the gain of its antenna models, as this cannot be unambiguously defined. It varies according to various types of factors, such as installation position, length, system calibration, environmental conditions, etc.

CAR AND TRUCKS CB ANTENNAS

	X-TURBO CAMPER27	X-TURBO MINI	X-TURBO 60	X-TURBO 80	ALAN PC 4/6/8	ALAN S9 PLUS
Operating frequency	26-28 MHz	26-28 MHz	26-28 MHz	26-28 MHz	25-30 MHz	25-30 MHz
Number of channels	120	60	200	200	150/240/130	200
Maximum applicable power	50 W	10 W	800 W (max 1500)	1000 W (max 1700)	400/600/800 W	300 W
R.O.S.min.in centre band	< 1.2	< 1.4	< 1.2	< 1.2	< 1.2	< 1.2
Length (cm)	114	31	160	180	115/160/163	155
Impedance (Ohm)	50	50	50	50	50	50
Weight (g)	430	260	670	690	450	390
Style material	Fibreglass	Steel	Steel	Steel	Steel	Steel
Antenna connection type	PL 259	-	3 pieces	3 pieces	3 pieces	DV
Hole diameter (mm)	16	10	10	10	10	12,5
Lead (m)	-	4	4	4	4	4

	FUNK 90/130/150	ML 145	PICCO 70C/70S	MINI	SUPERMINI
Operating frequency	26-28 MHz	26-28 MHz	26-28 MHz	26+28 MHz	26+28 MHz
Number of channels	-	90	-	40	40
Maximum applicable power	200/250/300 W	400 W	100 W	80 W	30 W
R.O.S.min.in centre band	< 1.2	< 1.2	< 1.2	1.2:1	1.2:1
Length (cm)	90/130/150	146	70	680	330
Impedance (Ohm)	50	50	50	50	50
Weight (g)	160/190/200	350	180	210	130
Style material	Steel	Steel	Steel	Stainless steel	Fibre
Antenna connection type	DV	PL	DV	3 pieces	3 pieces
Hole diameter (mm)	10	16	10	12,5	10
Lead (m)	-/4/4	-	4	4 with PL259	4 with PL259

MAGNETIC CB ANTENNAS

	X-TURBO MINI MAG	MIDLAND 18-244M	MINISTAR 27	KIT 007
Operating frequency	26-28 MHz	26.965-27.405 MHz	26-28 MHz	26-28 MHz
Number of channels	60	40	40	90
Maximum applicable power	10 W	100 W	10 W	400 W pep
R.O.S.min.in centre band	< 1.4	1:1,2	1:1,2	< 1.2
Length (cm)	31	66	35	146
Impedance (Ohm)	50	50	50	50
Weight (Kg)	0,5	0,5	0,3	1,6
Style material	Steel	Stainless steel	Stainless steel	Stainless steel
Attachment	Ø 65 mm	Magnetic base Ø 90 mm	Magnetic base Ø 29 mm	Magnetic base 120mm with PL
Lead (m)	4,5 with PL 259	2,75	3	2,9

	LC29	LC59	LC65
Operating frequency	26-28 MHz	26-28 MHz	26.965-27.405 MHz
Number of channels	40	40	40
Maximum applicable power	10/30 W (peak)	30/150 W (peak)	60/300 W (peak)
R.O.S.min.in centre band	≤ 1.2:1	≤ 1.2:1	≤ 1.2:1
Length (cm)	29	65	115
Impedance (Ohm)	50	50	50
Weight (Kg)	0,4	0,6	1
Style material	Stainless steel	Stainless steel	Stainless steel
Attachment	Magnetic base 68mm with PL	Magnetic base 78mm with PL	Magnetic base 120mm with PL
Lead (m)	4	4	4

VHF/UHF CAR AND TRUCK ANTENNAS

	NW-2000	NR-770R	NR-770S	AZ-504	M-285	M150-GSA
Frequency	144/430 MHz	144/430 MHz	144/430 MHz	144/430 MHz	138-174 MHz	138-174 MHz
Type	1/2λ(144 MHz) 2x5/8λ(430 MHz)	1/23λ(144 MHz) 2x5/8λ(430 MHz)	1/4λ(144 MHz) 1/2λ(430 MHz)	1/4λ(144 MHz) 1/2λ(430 MHz)	5/8λ	1/4λ
Power	200 W	200 W	100 W	50 W	200 W	200 W
Length(cm)	98	98	43	46	100	51
Connector type	PL	PL	PL	PL	PL	PL

VHF/UHF CAR AND TRUCK ANTENNAS

	VH 1	VH 2
Operating frequency	140:175MHz	140:175MHz
Max. power applicable	100W	100W
R.O.S. in centre band	1:1,2	1:1,2
Length (cm)	51	134
Impedance	50 Ohm	50 Ohm
Weight	300 g	450 g
Style material	Steel	Fibre
Connector type	PL259 (not supplied)	PL259 (not supplied)
Hole diameter	12 mm	12 mm
Lead	4m	4 m

VHF/UHF PORTABLE ANTENNAS

	RH-707 FLEX	RH-701	RH-771	RH-775	CH-32	SRH-536
Frequency	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430/900MHz	TX: 144/430 MHz
Type	1/4λ	1/4λ	1/4λ(144MHz) 1/2λ(430MHz)	1/4λ(144 MHz) 1/2λ(430 MHz)	1/4λ (144/430/900 MHz)	1/4λ(144 MHz) 1/2λ(430 MHz)
Band	120-150/300-450 MHz - 800-900 Mhz in RX only	120-150/300-450 MHz - 800-900 Mhz in RX only	120-150/300-450 MHz - 800-900 Mhz in RX only	120-150/300-450 MHz - 800-900 MHz in RX only		300/800 MHz 900 MHz in RX only
Length (cm)	21	21	40	14-41	4.5	37
Connector type	BNC	BNC	BNC	BNC	BNC	SMA

	RH-777	RH-779	RH-519	RH-536	SRH-701
Frequency	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz
Type	1/4λ	1/4λ (144 MHz) 1/2λ (430 MHz)	1/4λ - 2m/70cm	1/4λ (144 MHz) 1/2λ (430 MHz)	1/4λ
Band	120-150/300-450 MHz 800-900 Mhz in RX only	120-150/300-450 MHz 800-900 Mhz in RX only	120-150/300-450 MHz 800-900 MHz in RX only	120-150/300-450 MHz 800-900 MHz in RX only	120-150/300-450 MHz 800-900 MHz in RX only
Length (cm)	40	14-41	20	36	21
Connector type	BNC	BNC	BNC	BNC	SMA

BASE CB ANTENNAS - BASE VHF/UHF ANTENNAS

	ENERGY NEW 1/2	ENERGY NEW 5/8	SKYLAB	X30	X50	F22
Operating frequency	25-29 MHz	25-29 MHz	26-28 MHz	144-430 MHz	144-430 MHz	144 MHz
Maximum applicable power	500 W PEP	500 W PEP	1000 W	150 W	200 W	200 W
Impedance	50 Ohm	50 Ohm	50 Ohm	50 Ohm	50 Ohm	50 Ohm
Band R.O.S.	1.2:1	1.2:1	1.5:1	1.5:1	1.5:1	1.5:1
Length	5750 mm	6500 mm	5500 mm	1300 mm	1700 mm	3200 mm
Weight	2,1 Kg	2,5 Kg	2,3 Kg	0.8 Kg	0.9 Kg	1,3 Kg
Ø support pole	30-40 mm	30-40 mm	30-35 mm	30-35 mm	30-35 mm	30-35 mm
Connector	S0 239	S0 239	S0239	S0239	S0239	S0239
Styles	Aluminium	Aluminium	Aluminium	Fibreglass/steel	Fibreglass/steel	Fibreglass/steel

ACCESSORIES

BRACKETS - CABLES - CONNECTORS



GR-L C1047

Stainless steel mount. Size: 38x64x99mm



GR-XL C1048

Stainless steel mount. Size: 38x100x180mm



GR PLUS T786

Gutter mount. Enables the Gutter mount installation of any mobile antenna without piercing the bodywork



GR-F INOX T751

Gutter mount. In stainless steel for vehicle antennas, with fixing hole reducer



GR-S INOX T753

Gutter mount. In stainless steel with double inclination for vehicle antennas, with fixing hole reducer



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-S INOX T752

Gutter mount. In stainless steel for vehicle antennas, with adjustable inclination and fixing hole reducer



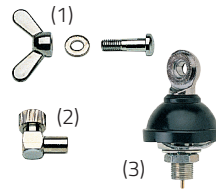
SP 21 T390

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



DV 27 PL T599

Roof centre adapter DV/SO239



SC 27 T441 Specific screw (1)
LC 27/10-N T370.01 Connector (2)
FC 27 T478 Base for antennas (3)

Screws, connector for FC 27 and base for Midland antennas



RG58 T633

3-piece lead for PC series antennas and roof centre attachment. Lead type: RG58 - Length: 4m



Roof centre T301

Centre-roof mount for US antennas Lead type: RG58 - Length: 3,5 m



R 45/58-U T194

Connection lead for CB transceivers. Lead type: RG58 - Length: 45 cm



R 90/58-U T193

Connection lead for CB transceivers. Lead type: RG58 - Length: 90 cm



PL259/R T292.02



PL 259/RL T377

**SA 95 T211**

SO239 connection RCA plug

**UG 255 F076**

Connector for BNC/SO239

**PL 259 T205**

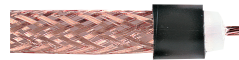
Connector for RG8/RG213 cable

COAXIAL LEADS**RG 58/U T199****RG 58/H G326**

Low loss, Impedance: 50 Ohm

**RG 58/I T199.03****RG 213 T571**

Impedance: 50 Ohm

**RG 58/U WHITE T200****213 U T571.01****RG 58/AUX T197**

Impedance: 50 Ohm

MAGNETIC BASES**BM 120 DV T057**

BM 120 DV is designed to withstand high speeds. Equipped with scratch-resistant magnet-covering cap. Supplied with universal DV 27 base, already installed.

**BM 120 PL T036****BM 140 PL-B T052.01**

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

**BMU 140 C889**

Suitable for PL, DV and roof centre attachment. Designed to withstand high speeds. Equipped with scratch-resistant magnet-covering cap.

	BM 120 DV	BM 120 PL	BM 140 PL-B	BMU 140
Frequency range	26-460 MHz	26-460 MHz	26-460 MHz	26-460 MHz
Max. speed	80/130 Km/h	80/130 Km/h	130/180 Km/h	130/180 Km/h
Base diameter	Ø: 120 mm	120 mm	140 mm	140 mm
Weight	750 gr	700 gr	1.450 gr	1.450 gr
Lead	3m	3m	3m	-

MOTORCYCLE COMMUNICATION



NEXT GENERATION FEATURES



UNIVERSAL INTERCOM



WATERPROOF IPX4



FM RADIO



VOX INTERCOM/TEL



VOX AND VOICE MESSAGES



AUTOMATIC VOLUME CONTROL



HIGH SPEED AUDIO QUALITY



LONG LASTING BATTERY LIFE



FOR ALL TYPES OF HELMETS



CELL/MP3 CONNECTION



GPS CONNECTION



BT REMOTE CONTROL



TALK TO ALL PMR446 BLUETOOTH



IPOD/MP3/PMR446 WIRED CONNECTION



USB CONNECTION



EXTRAORDINARILY SIMPLE AND SAFE

The multiconnection wireless multimedia systems designed for motorbike communication, simple and safe. All Midland Intercoms, are installed on the helmet and paired via bluetooth to the phone, to the MP3, to the GPS navigator or other devices.

TALK 2 ALL UNIVERSAL INTERCOM FUNCTION

Matching to any intercom of any brand

HANDLEBAR REMOTE CONTROL

With BT Remote you do not have to remove your hands from the handlebar, the Bluetooth remote ensures safety and comfort (suitable even for BT City)

VOX - VOICE ACTIVATION

Vox for Voice activation of the Intercom function and answer calls without taking your hands off the handlebar

PROGRAMMABLE VIA USB

To configure and upgrade your device just connect your device to your PC and go to the website www.intercombt.com and download the software (for PC).

* The features listed on this page are present in all models BTX (BT Next, BTX2, BTX1)

XTRA ORDINARY INTERCOMMS



MIDLAND BT NEXT CONFERENCE



CONFERENCE
4 PEOPLE



INTERCOM
6 PEOPLE



INTERCOM
UP TO 1600 M*



UNIVERSAL
INTERCOM



FM RADIO



FOLDING ANTENNA

NEW: INTERCOM CONFERENCE UP TO 4 PEOPLE, "ONE TO ONE" UP TO 6 PEOPLE

INTERCOM CONFERENCE "ONE CLICK TALK"

Choose between Intercom Conference (simultaneous communication up to 4 BT Next Conference) and the classic Intercom up to 6 people in communication one to one

INTERCOM UP TO 1,6 KM*

The BT Next Conference range is up to 1.6 km

FM RADIO WITH RDS, 6 PRESETS

Bt Next Conference has built-in FM radio. In addition to the RDS function, it allows the storage of 6 radio stations. Stereo, of course

PACKS AND CODES

Wired and boom microphone, installation system for all kind of helmets on a slide and tape and an adhesive slide, audio kit with ultra-thin speakers, mp3 cable and wall charger

Single pack C1141
Twin pack C1141.01

* In an open field and with no interference and/or obstacles

MIDLAND BTX2 FM



INTERCOM
4 PEOPLE



INTERCOM
UP TO 800 M*



UNIVERSAL
INTERCOM



FM RADIO



FOLDING ANTENNA

NEW: INTERCOM UP TO 4 PEOPLE, FM RADIO WITH RDS, 6 PRESETS

INTERCOM FUNCTION UP TO 4 PEOPLE

It allows communications up to 4 people (one to one).

UP TO 800 METERS*

The range of BTX2 FM is up to 800m

TALK 2 ALL UNIVERSAL INTERCOM FUNCTION

Like all Next Generation devices, BTX2 FM matches with any Intercom of any brand.

PACKS AND CODES

Wired and boom microphone, installation system for all kind of helmets on a slide and tape and an adhesive slide, audio kit with ultra-thin speakers, mp3 cable and wall charger

Single pack C1143

Twin pack C1143.01

* In an open field and with no interference and/or obstacles

MIDLAND BTX1 FM



INTERCOM
2 PEOPLE



INTERCOM
UP TO 10 M



UNIVERSAL
INTERCOM



FM RADIO



NEW: FM RADIO WITH RDS, 6 PRESETS

INTERCOM FUNCTION 2 PEOPLE

It allows communications up to 2 people in Full Duplex

UP TO 10M

The range of BTX1 FM is 10m, created for Rider and Passenger conversations

TALK 2 ALL UNIVERSAL INTERCOM FUNCTION

Like all Next Generation devices, BTX1 FM matches with any Intercom of any brand.

PACKS AND CODES

Wired and boom microphone, installation system for all kind of helmets on a slide and tape and an adhesive slide, audio kit with ultra-thin speakers, wall charger

Single pack C1142
Twin pack C1142.01

XTRA
ORDINARY
SIMPLE



MIDLAND BT CITY



INTERCOM
2 PEOPLE



INTERCOM
UP TO 200 M*



KIT FOR SKI
HELMET



KIT FOR SPORT
WITH/WITHOUT
HELMET



BORN FOR THE CITY AND THE SCOOTER, IT TURNS TO BE USED ANYWHERE



INTERCOM 2 PEOPLE, UP TO 200 METERS*

It allows communications up to 2 people in Full Duplex. The range of BT City is 200m*.

SWITCH FROM THE MOTORCYCLE TO THE BIKE, ON THE SKI SLOPES AND CLIMBING ...

Choose the kit that turns your motorbike Intercom into an Intercom for skiers, climbers, bikers, etc.

BT ACTION KIT C1030
BT SKI AUDIO KIT C932
BT SKI UNIVERSAL KIT C1053

PACKS AND CODES

Wired and boom microphone, installation system for all kind of helmets on a slide and tape and an adhesive slide, audio kit with ultra-thin speakers, mp3 cable and wall charger

Single pack C929
Twin pack C929.01

* In an open field and with no interference and/or obstacles



MIDLAND BT REMOTE



WATERPROOF
IPX4



EASY
INSTALLATION



EASY PRESS

BLUETOOTH REMOTE CONTROL

Midland BT Remote is the accessory designed for the safety and comfort on motorbike. It is simple and easy to use: a concentrate of technology, safety and functionality. It can be installed on any motorbike handlebar to activate and control all functions of the devices Midland BT Next, BTX2, BTX1 and BTCity without removing your hands from the handlebars through 5 finger friendly keys. Water resistant (IPX4 Certified)

PACKS AND CODES

Single, C1032

MIDLAND G8E-BT



FOR LIMITLESS
GROUP
COMMUNICATION
WITH BUILT-IN
BLUETOOTH®
TECHNOLOGY

See page 16

ACCESSORIES

AUDIO KIT



BT LINE BT NEXT AUDIO KIT **C1008** Standard stereo audio kit complete with speakers and 2 microphones (wire/armband). For BT Next, BTX2, BTX1 and BT City.



BT2, BT1
BT SINGLE HI-FI SPEAKER **C895** High performance Hi-Fi speakers.

TRAVEL CHARGERS



BT LINE AL 12 V **C894** 12V travel charger for BT line

BT REMOTE BTREMOTE AL12V **C1043** 12V travel charger for BT Remote

EXTERNAL MIKE CLAMP



BT CITY
FOR
SCOOTER BT CITY & EVA
EXTERNAL MIKE
MOUNT **C978** Bi-adhesive helmet mounting system with arm microphone



BT INTERCOM
BT RIDER CLAMP BT XL DUAL FIX **C836.01** Midland BT/Scala Rider Cardo audio kit helmet fixture (20 cm long) with biadhesive. For BT Intercom, BT Rider

WALL CHARGERS



BT LINE MW BT **R13720** Double BT line USB wall charger, BT LINE

See page 33

UNIVERSAL EMERGENCY
CHARGER **C920** In the event of a flat battery, the emergency charger enables the various BT line models, Midland Action video cameras, devices with MiniUSB sockets and many different mobile telephone models to be recharged using the provided adapter cables.

MOUNTING KIT



BT LINE BT NEXT MOUNTING
KIT **C1009** Twin helmet mounting kit with screw clamp and bi-adhesive bases. For BT Next, BTX2, BTX1



BT LINE

R73470

Single base with bi-adhesive. For BT Next, BTX2, BTX1.



BT CITY

BT CITY & EVA
MOUNTING KIT

C937

Helmet mounting kit with screw clamp and bi-adhesive bases. For BT City&Eva



BT2 BT1
BT SINGLE

BT2 MOUNTING KIT

R73641

Helmet mounting kit with bi-adhesive base.

KIT FOR BT CITY



SKIING
WITH/
WITHOUT
HELMET

BT SKI AUDIO KIT

C932

Stereo headphones (earwarmer type) with microphone and velcro strap for fastening to the helmet. It enables the BT City to be used on the ski slopes



SKIING
WITH
HELMET

BT SKI UNIVERSAL KIT

C1053

Universal kit consisting of stereo speaker and built-in arm-mounted microphone, velcro strap and bi-adhesive clamp for fastening to the helmet. It enables to use BT City with any ski helmet



SPORT WITH/
WITHOUT
HELMET

BT ACTION KIT

C1030

Kit for installation on bicycle, climbing helmets etc. or to use BT City without a helmet. The kit includes rotating clamp, velcro strap and mono adjustable headset

RADIO MOUNTING SYSTEM FOR MOTORBIKE AND CAR

See page 33

G8E-BT, G7,
G9

KIT 161

Kit for fastening to motorcycle handlebar, composed of clip and adjustable strap

See page 33

G8E-BT, G7,
G9

TWO WAY RADIO CAR
KIT

C982

Car kit with suction pad mount, 12V charger. Conversations can take place in Vox mode or with the shoulder microphone included in the pack.

BLUETOOTH ADAPTER FOR TRANSCEIVERS

see page 33

2-PIN RADIOS BPA200

C900

BPA200 transforms a standard radio into a Bluetooth one to connect any headset or BT Intercom. Built-in PTT button, waterproof.

MOTORCYCLE RIDER KIT

See page 33

2-PIN RADIOS MA46

C660

Microphone/speaker to be combined to a 2-pin transceiver for bike-to-bike communication. Equipped with a handlebar PTT button to connect the passenger use the Midland G8 and the passenger kit 132.

SMARTPHONE/GPS HOLDERS

CASES FOR SMARTPHONES



MK-SMART HC C1125

Motorcycle mount system for iPhone 4, iPhone 5/5S/5C, SamsungGalaxy S3 - hard case.
Internal dimensions: 120x64x15 mm



MK-IPHONE 5 C1103

Motorcycle mount system for iPhone 5/5S/5C - soft case.
Internal dimensions: 125x62x18 mm



MK-IPHONE 4 C1102

Motorcycle mount system for iPhone 4 - soft case.
Internal dimensions: 115x65x18 mm



MK-GALAXYNOTE C1101

Motorcycle mount system for Galaxy note- soft case.
Internal dimensions: 148x83x18 mm



MK-SMARTPHONE C1100

Motorcycle mount system for Smartphone - soft case.
Internal dimensions: 122x70x18 mm

CASES FOR GPS



MK-GPS 60 C1099

Motorcycle mounting system for gps6" - soft case. Internal dimensions: 170x104x40 mm



MK-GPS 50 C1098

Motorcycle mounting system for gps5" - soft case. Internal dimensions: 148x100x52 mm



MK-GPS43 C1097

Motorcycle mounting system for gps4,3" - soft case. Internal dimensions: 135x85x45 mm



MK-GPS 35 C1096

Motorcycle mounting system for gps3,5" - soft case. Internal dimensions: 115x80x50 mm



UNIVERSAL STRAP FOR SCOOTER C1134

for non-tubular handlebars

THE BEST HOLDERS TO FIX SMARTPHONES AND GPS TO THE HANDLEBAR

Midland has a new line of holders conceived to fix the electronic devices used during motorbike trips to the handlebars and protect them against weather, water, dust and mud.



360° UNIVERSAL ROTATING FITTING

Each package includes two 360° rotating fittings for non-tubular and tubular handlebars.



NEW: UNIVERSAL STRAP FOR SCOOTERS

Available as an optional accessory strap for non-tubular handlebars, with fastening/quick release and 360° swivel.



THE PACK OF CASES CONTAIN:



waterproof case, 1 hook for tubular handlebars, 1 hook for non-tubular handlebar, thickness for a perfect housing and safety strap from the handlebar.

XTRA ORDINARY CASES






RADIO IN MOTION

KIT FOR THE USE OF TRANSCEIVERS COUPLED WITH A INTERCOM DEVICE

INTERCOM	TRANSCEIVER	KIT	INCLUDES:
BT NEXT BTX2	 *	165	Adapter cable with PTT BHS300U + Adapter lead for BT Intercom/radio connection BT312
BTX1 BTCITY	 **	129	Adapter cable with PTT BHS301 + Adapter lead for BT Intercom/radio connection BT312

* 2 pin transceivers models Midland G6, G6XT, G7 line, G8, G9 ** 1 pin transceivers models Midland777, G5 e G5XT

KIT FOR THE USE OF TRANSCEIVERS WITH HELMET (MICROPHONE/SPEAKER FOR RADIO)

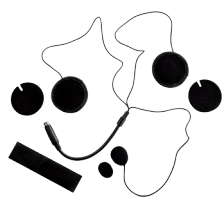
HELMET	TRANSCEIVER	KIT	DESCRIPTION
	 *	166	Rider kit composed of CHS300, OHS500, BHS300N
FULL-FACE MODULAR JET	 **	132	Passenger kit composed of CHS300+OHS500+BHS303
	 ***	131	Rider kit composed of CHS300+OHS500+BHS301

* 2 pin transceivers models Midland G7, G8 ** transceiver model Midland G8 *** 1 pin transceiver model Midland777



SHS300 C852

Stereo headphones for full-face and jet helmets with adapter 3.5 mm/2.5 mm (MP3-iPhone)



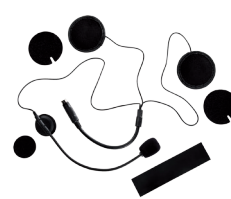
CHS300 C802

Microphone/speaker for full-face helmet



OHS550 C801

Microphone/speaker with internal armband



OHS500 C800

Microphone/speaker with external armband



BHS300N 41940

BHS300U 41939 (BT)

BHS300K 41942 (KENWOOD)

Adapter cable for 2-pin radio with PTT



BHS301 C798

Adapter cable for 1-pin radio with PTT



EXT300 C853

2m spiral extension cable



BT 312 C905

Adapter lead for BT Intercom/radio connection to be used with a BHS300 or BHS301 lead

INTERCOMMS & HEADPHONES FOR SPORT & FREE TIME



THE GIORGIO ROCCA SKI ACADEMY AND SKI TEAM USE
BT SKI FOR THEIR EVERYDAY TRAINING



MIDLAND BT SKI ACTION



WATERPROOF



INTERCOM
200 M



STEREO



INTERCOM SYSTEM FOR WINTER...

THE BLUETOOTH EARPIECES FOR SPORT

WINTER INTERCOM

The smallest, most practical Bluetooth stereo device for skiers and snowboarders. Speak in intercom mode with another BT SKI ACTION using voice activation.

SPEAK/ANSWER YOUR MOBILE TELEPHONE

Easy to use with all mobile telephones with built-in Bluetooth, to listen to music and answer calls.

LISTEN TO MUSIC COMMUNICATE IN GROUPS

Compatible with iPod/MP3 player and with PMR446 transceivers. With optional lead (kit 129) or by Bluetooth as with the Midland G8E BT, for communication with more than one person/group.

DUAL USE: FOR TEACHING

An extremely useful instrument for ski instructors, for both individual and group lessons (combined with PMR446 transceivers).



CELL/MP3
CONNECTION



SPEAK IN A GROUP
WITH PMR446



IPOD/MP3/PMR446
WIRED CONNECTION



SUMMER INTERCOM

BT Ski Action is used during any outdoor sports, even in the summer: for biking, climbing, paragliding, etc.

KITS FOR WEARING BT SKI ACTION WITH AND WITHOUT A HELMET

Thanks to the fixing kits provided in the package, BT Ski Action can be fastened to the helmet with the practical Velcro band, or worn thanks to the collar clamp

PACKS AND CODES

device, wired audio kit with 2 stereo speakers and armband microphone for winter helmet wiring, Velcro band, bi-adhesive clamp, rotating collar clamp, single earpiece for summer use with/without helmet, stereo audio lead to connect an iPod or MP3 player, USB lead
Single pack C928.10
Twin pack C928.11



INTERCOM
SYSTEM
FOR SUMMER

SUBZERO



CELL/MP3
CONNECTION



SPEAK IN A GROUP
WITH BLUETOOTH
PMR446



IPOD/MP3/PMR446
WIRED CONNECTION



EXTERIOR: WATERPROOF FABRIC
INTERIOR: WARM, ECOLOGICAL FUR



EXTERIOR: BREATHABLE FABRIC
INTERIOR: COOL COTTON

SUBZERO: THE HI-FI STEREO HEADPHONES FOR THOSE OUTDOORS

HI-FI STEREO HEADPHONES

Subzero and Subzero Sun, the hi-fi stereo headphones built into a practical adjustable earwarmer type system to be worn behind the neck. To answer the mobile telephone and listen to music with excellent audio quality.

PACKAGE INCLUDES:

cable with microphone and Answer/Command function for the mobile telephone or Play/Pause for music (iPod, iPhone, MP3 and the best mobile telephones), cable with microphone and PTT for connection to 2-pin Midland transceivers.

WINTER SUBZERO

Colours available for the winter:

Black	C936.03
Red	C936.04
White	C936.05
Pink	C936.06
Camouflage	C936.07
Yellow	C936.08
Black leather	C936.13
Black pierced fabric	C936.19

SUBZERO SUN FOR THE SUMMER SEASON

Colours available for the summer in a pierced fabric:

Black	C936.17
Orange	C936.18

SPORTEK



7 HOURS CONVERSATION
140 HOURS STAND-BY



THE HEADPHONES FOR RUNNERS AND THOSE WANTING TO LISTEN TO MUSIC WIRELESS

BLUETOOTH HEADPHONES WITH BUILT-IN MICROPHONE

Answer the mobile telephone and listen to music. Hard-wearing yet flexible, with ergonomic controls positioned on the right-hand side of the device. To be worn comfortably behind the neck.

PACKS AND CODES

Bluetooth stereo headphones, 3 pairs of sponge pads to best adapt the headphones to your ear, USB lead.
code C1028

ACCESSORIES BT SKI ACTION

KIT TO USE BT SKI ACTION WITH TRANSCEIVER



KIT 165

2 PIN

Includes: adapter cable with PTT (BHS300Ucode 41939) + adapter lead for BT Intercom/radio connection (BT312code C905)



KIT 129

1 PIN

Includes: adapter cable with PTT (BHS301 cod. C798) adapter lead for BT Intercom/radio connection (BT312 cod. C905)

KIT FOR BT SKI



BT MOTO AUDIO KIT

C933

TO USE BT SKI ON THE MOTORCYCLE

Stereo headphones for universal mounting on motorcycle helmet with 2 microphones (boom and wired) and two fixtures (screw and bi-adhesive)



BT ACTION KIT

C1030

Kit for installation on bicycle, climbing helmets etc. or to use BT City without a helmet. The kit includes rotating clamp, velcro strap and mono adjustable headset

CHARGERS AND EAR WARMER COVER



AL12V

C894

Travel power supply 12V



EMERGENCY
CHARGER

C920

In the event of a flat battery, the emergency charger enables the various BT line models, Midland Action video cameras, devices with MiniUSB sockets and many different mobile telephone models to be recharged using the provided adapter cables.



C993

Hygienic disposable ear-warmer cover (ideal for ski schools)

GEOPOINT BOX SMS



SPY FUNCTION FOR
PEOPLE, VEHICLES
AND GOODS



SATELLITE ANTI-
THEFT DEVICE



TRACK ON
SMARTPHONE/PC



MOVEMENT ALARM
IN A PREDEFINED
AREA



SEND SMS POSITION,
SPEED, ALTITUDE



SOS BUTTON WITH 4
PREPROGRAMMED
TELEPHONE
NUMBERS



LOCALISES OBJECTS AND PEOPLE IN REAL TIME ON SMARTPHONES AND/OR PCS, SENDS SOS CALLS...



MAIN FEATURES

- **Tracks people** (useful for the elderly, children, etc.), **tracks vehicles and goods:** easily hidden, sends position, altitude and speed via SMS message
- Portable, satellite **anti-theft device** for cars, motorcycles, boats, etc.
- Programmable sending of position, speed and altitude **by SMS**
- **Sending of an alarm** to signal the entrance into or exit from a pre-established area (geofencing)
- **Send/query to Smartphone/PC** by means of

GPRS/INTERNET

- **By pressing the SOS button**, repeated SMS messages requesting help and specifying the position are sent to up to 4 different, pre-programmed telephone numbers.
- **MyTrack software** for PCs able to show device position on a map
- **Saves positions or favourite places**, extremely useful for hikers, mushroom seekers, athletes and lovers of the outdoor life

PACKS AND CODES

Geopoint Box SMS

1 localiser, 1 wall charger, 1 car power supply, 1 USB lead, Li-ion battery pack, CD ROM MyTrack software, device user's manual, MyTrack software user's manual
cod. C911 Geopoint White
cod. C911.01 Geopoint Green
cod. C911.02 Geopoint Grey

With the GSM SIM card: Geopoint requires no subscription to operative centres, it merely requires a subscription or rechargeable telephone card with which to send SMS, connect to the free I-Scout server or make emergency telephone calls (telephone costs vary according to the chosen telephone operator).

GEOPOINT VOICE LCD



TELEPHONE
FUNCTION



SPY FUNCTION FOR
PEOPLE, VEHICLES
AND GOODS



SATELLITE ANTI-
THEFT DEVICE



TRACK ON
SMARTPHONE/PC



MOVEMENT ALARM
IN A PREDEFINED
AREA



SEND SMS POSITION,
SPEED, ALTITUDE



SOS BUTTON WITH 4
PREPROGRAMMED
TELEPHONE
NUMBERS



FIND ANOTHER
GEOPOINT



GUIDES TO A DESTINATION, LOCATES WITHOUT GIVING RISE TO SUSPICION...



MAIN FEATURES

- **LCD screen** for user-friendly use
- **Guides** to a pre-set destination or a point of route departure
- Identifies another Geopoint, specifying the distance and direction to reach it
- **Calls like a GSM telephone**, to the numbers pre-set in the address book or answers incoming calls
- **Tracks people** (useful for the elderly, children, etc.), **tracks vehicles and goods**: easily hidden, sends position, altitude and speed via SMS message
- Portable, satellite **anti-theft device** for cars, motorcycles, boats, etc.
- **Sends an alarm** to signal the entrance into or

exit from a pre-established area (geofencing)

- **Track position and movements** on Smartphone/PC by means of GPRS/INTERNET
- **Saves positions or favourite places**, extremely useful for hikers, mushroom seekers, athletes and lovers of the outdoor life
- **By pressing the SOS button**, repeated SMS messages requesting help are sent to up to 4 different, pre-programmed telephone numbers.
- **MyTrack software** for PCs able to show device position on a map
- **On-line upgrades**

PACKS AND CODES

Geopoint Voice LCD

1 localiser with vocal function and 2MB data memory, 1 earpiece kit, 1 wall charger, 1 car power supply, 1 USB lead, Li-ion battery pack, CD RM MyTrack software, device user's manual, MyTrack software user's manual
cod. C912 Geopoint White
cod. C912.01 Geopoint Green
cod. C912.02 Geopoint Grey

With the GSM SIM card: Geopoint requires no subscription to operative centres, it merely requires a subscription or rechargeable telephone card with which to send SMS, connect to the free I-Scout server or make emergency telephone calls (telephone costs vary according to the chosen telephone operator).

THE WORLD IN COMMUNICATION

42 YEARS OF TECHNOLOGY AND PASSION

Since 1972, CTE International has been one of the world's main companies in radio communications, thanks to its great competence, passion and constant market monitoring.

The interpretation of market demands, applied to a knowledge of the most advanced technologies, has enabled CTE to develop a range of services from the in-house development of products and integrated radiocommunications systems to consulting and distribution worldwide.

OUR MISSION

Guarantee quality in the innovation of communication systems.

The professionalism and commitment that goes into keeping this premise mean that we have led the radio remote communication, digital TV, FM broadcasting, mobile Bluetooth® communication on the motorcycle, for sport (skiing, snowboarding, climbing, free time) and, most recently, in Action video cameras world for the last 41 years.

THE CTE INTERNATIONAL GROUP

CTE International is present worldwide, with partners and branches in France, Great Britain, Spain, Germany, Greece, Russia, the Ukraine, Bulgaria, Poland, the United States of America, South America and Singapore, companies that are competent and reliable and which form the backbone of its commercial policy. CTE guarantees customer satisfaction by truly allowing the world to communicate.

Important companies are part of the group:

- Midland Radio Corporation of Kansas City with its historic amateur and professional radio communications brand and the weather radio sector giant in the United States of America
- Cte Digital Broadcast, which produces TV transmitters and digital repeaters. The industrial pole of Cte Digital Broadcast was established in 2008, comprising the broadcast divisions of CTE International, CTE DB, META System spa and TEKO Telecom spa.

BUSINESS UNITS

CTE International has consolidated its position, establishing its offer along two main lines, managed by specialised business units: Radio and Microline.

The Midland Radio Business Unit

The Radio Business Unit - **Midland** brand - invests constantly in the research, development and design of new communication products and its latest success is the range of Mini Action Cam XTCs for filming life on the move.

Midland is: PMR446/LPD transceivers; portable and vehicle CBs (citizen bands); marine VHF's; amateur VHF's and UHF's; Bluetooth intercoms for communication on motorcycles, for sport and free time and, last but not least, the ultra-high performance Mini Action Cam XTC.

The Radio Business Unit Alan Professional

The Radio Business Unit - the **Alan Professional** brand - develops and realises vehicle and portable conventional type PMR transceivers and independent networks for communication for public and private businesses, emergency services, watch services and the public administration.

In addition to Alan and Midland, in 2001, the **Albrecht** brand also joined the sister company Alan Germany.

Business Unit Microline

The **Microline** business unit is involved in the development and realisation of professional audio, video and tracking systems for intelligence and counter-espionage.

Microline solutions are entirely built in Italy by the technical staff of **CTE International** and stand out for their constant innovation in design and construction solutions that are tested in teams with experts of the entities intended to use them.

Famous and appreciated worldwide, the **Microline** solutions stand out for their great miniaturisation and reliability. Products can be customised to meet specific demands, intended for the complex, constantly evolving world of legal investigations.

CTE INTERNATIONAL PARTNERS & BRANCHES

USA
MIDLAND RADIO CORPORATION
5900 Parretta Drive Kansas City
MO - 64120
Tel. +1 816 241 8500
Fax +1 816 241 5713
www.midlandradio.com

Bulgaria
ALAN TELECOMMUNICATION Ltd
N.185, Slivnitza Blvd. Sofia 1233
Tel. +359 2 9312101
Fax +359 2 9311534
e-mail: alan.bulgaria@me.com
www.midlandradio.eu

France
ALAN FRANCE S.A.R.L.
5, rue Ferrié
Zac les Portes du Vexin
95300 Ennery - France
Tél : +33 134 214690
Fax : +33 177 374852
e-mail: infos@alanfrance.fr
www.alanfrance.fr

Germany
ALAN ELECTRONICS GmbH
Daimlerstr. 1 k, D-63303 Dreieich
Tel. +49 6103 9481-0
Fax +49 6103 9481-60
Zweigstelle:
Dovenkamp 11, D-22952
Lütjensee
Tel. +49 4154 849-0
Fax +49 4154 849-100
e-mail: info@alan-electronics.de
www.alan-electronics.de

Greece
COBRA CENTER Ltd
25 TH Martiou 13, Tavros - 17778
Athens
Tel. +30 210 4829801/5
Fax +30 210 4826528
e-mail: techdep@cobra-center.gr
www.cobra-center.gr

Poland
**ALAN TELEKOMUNIKACJA SP.
Z.O.O.**
Jawczyce, Ul.Poznanska 64
05-850 Ozarow Mazowiecki,
Warsaw
Tel. +48 22 7223500
Fax +48 22 7222995
e-mail: info@alan.pl
www.alan.pl

Romania
SC Online Shop srl
Cui 16306031 Str. Orhei Nr. 4,
Bi.T1, Ap. 31 Piatra Neamt
Tel. +40 744517985
Fax +40 233233258
email: comenzi@statie-radio.ro
www.statie-radio.ro

UK
ALAN - NEVADA UK
Unit 1 Fitzherbert Spur Farlington
Portsmouth Hants. PO6 1TT
Tel. +44 23 92313093/1793
882431
Fax +44 23 9231 3091
e-mail: sales@nevada.co.uk
www.nevada.co.uk

Russia
ZAO 'Alan-Sviaz'
Fortunatovskaya, 31A/2
105187, Moscow
Tel/Fax: +7 945 646-88-18
e-mail: info@midland.ru
www.midland.ru

Singapore
ALAN TELECOM PTE LTD
111 North Bridge Road
#08-28 Peninsula Plaza
Singapore 179098
Tel/Fax +65 6883 0618
mak@alantelecom.com.sg
www.midlandradio.eu

Spain
ALAN COMMUNICATIONS S.A.
C/Cobalt, 48
08940 Cornellà de Llobregat
(Barcelona)
Tel. +34 93 3776671
Fax +34 93 3779155
e-mail: info@alan.es
www.alan.es - www.midland.es

Venezuela
BACA Comunicaciones, C.A.
4ta. Av. entre 3era y 4ta.
transversal
Edif. Tebainca, Piso 2 Ofc 22
Los Palos Grandes,
Zona Postal 1060, Caracas
Tel. +58 212 285 3348
Fax:+58 212 285 6324
email: ventas@baca.com.ve
www.baca.com.ve

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.

N.B. no returns of materials will be accepted if not ex works and by prior authorisation of the Sales Department (+39 0522 509420/423) or Customer Technical Assistance Department (+39 0522 509535). Lack of this authorisation will entail the immediate return of products to the sender.

This catalogue replaces and cancels all previous versions. We reserve the right to alter and improve the technical and aesthetic characteristics of the equipment at any time, without warning. We would like to thank our collaborators, sponsors and partners for the images kindly provided to help prepare this catalogue.

CERTIFICATIONS



ISO 9001 2008: for the design, production and installation of telecommunication systems and equipment for industrial, military, civil, marine and consumer use.



CTE International is a credited member of ETSI - the European Telecommunications Standards Institute - which it helps define standardised technical specifications for telecommunication products and services.

ASSOCIATO



CTE International 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.

FOLLOW US ON:



DOWNLOAD THIS CATALOG:



CTE INTERNATIONAL srl

Headquarters

Via R. Sevardi 7 - 42124 Reggio Emilia - Italy
Tel. +39 0522 509411 ■ Fax +39 0522 509448 ■ Imr.com@cte.it
www.cte.it ■ www.midlandradio.eu

Research and development Unit

Via R. Sevardi 8 - 42124 Reggio Emilia - Italy

Rome branch

Via Zoe Fontana 220 - 00131 Rome

DEALER