MIDLAND®

PUT YOURSELF IN ACTION

CHOOSE TO BE
EXTRAORDINARY.
CATALOGUE 2016

MIDLAND®

PUT YOURSELF IN ACTION

ACTION
CAMERAS

MIDLAND
XTC400
FULL HD
ACTION CAM

IMMEDIATE RECORDING

WIFI

SUBMERSIBLE CASE 85M

IMAGE STABILIZATION

VIDEO H1080P M 720P-L WVGA

PHOTO 12MP

LONG LASTING BATTERIES (5H)

3+1 FIXING SYSTEM

LENS ANGLE VARIABLE 170°

APP ACTION CONNECT

NO INSTRUCTIONS

VAST RANGE OF ACCESSORIES

Full HD 1080

ON/OFF (WITH 1 CLICK)

ROTATING LENS (270°)

MICROPHONE

EXTERNAL MIKE JACK

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.

BUILT-IN WIFI

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. 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.

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 AND SIMPLE SETTINGS

A single large button at the top to control the action cam.
Simple settings can be made via the selectors in the back of the camera. All the information you need to keep an eye on are shown by 3 LED lights on the camera, indicating battery status, memory status and camera status. In addition, activating the Low Light function allows you to increase filming brightness even in low visibility conditions (sunset, sunrise).

3+1 FIXING SYSTEM AND A COMPLETE RANGE OF ACCESSORIES

The XTC400/450 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.
The accessories, totally redesigned in order to make them stronger, durable and suitable to any type of situation.
Surface Mount
Wearable Mount
Vehicles Mount
RAM Professional Mount
Tactical Mount

MIDLAND
XTC450
FULL HD
MIMETIC

Official Licensed Product

EXTERNAL MIKE JACK

While having the same characteristics as XTC400, XTC450 is also equipped with a STEALTH MODE, which makes it silent as well as invisible.

INCREDIBLE BATTERY LIFE

Up to 5 hours of recording

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
XTC400 code C1106.01
XTC450 code C1106.02

EXTRAORDINARY
SIMPLE

EXTRAORDINARY
EMOTIONAL

MIDLAND
XTC270
FULL HD
ACTION
CAM

IMMEDIATE RECORDING

SUBMERSIBLE CASE 60M

DOUBLE IMAGE STABILIZATION

NO INSTRUCTIONS

REAL VIEW 130°

EAGLE EYE VIEW 90°

VAST RANGE OF ACCESSORIES

Full HD 1080

ON/OFF
(WITH 1 CLICK)

WIDE ANGLE LENS

MICROPHONE

NEW

THE ACTION FOR HELMET WEARERS

The XTC270 is perfect for anyone who wants to record videos from motorbikes, bicycles, or during sports requiring the use of helmets. You may of course buy accessories for using the Action camera in many other moments.

SIMPLE AND QUICK

XTC270 is extremely easy to use thanks to a large on/off/record button on the top.
Simple to use but with FULL HD excellent performances!

WIDE ANGLE AND STABILISER

The XTC270 is equipped with a 130° wide-angle lens and an image stabiliser for excellent shooting.
The supplied underwater housing protects your Action Cam from water up to a depth of 60m, as well as from mud and dust.

PACKS AND CODES

Video camera, submersible case 60m, 1 helmet mount system, Li-Ion 3,7V battery pack 900mAh, USB cable
code C1175

MIDLAND
H5
FULL HD
ACTION CAM

WI-FI

SUBMERSIBLE CASE 30M

1.5" LCD DISPLAY

VIDEO

PHOTO

CAR DVR

WIDE ANGLE 140°

IMAGE STABILIZATION

ALL ACCESSORIES IN THE PACK

TWO FRONT COVERS
YELLOW
BLACK

NEW

Wi-Fi

Full HD
1080

THE NEW MIDLAND ACTIONCAM GENERATION

Midland introduces the new H series, characterized by its different form factor, completing therefore the range of action cameras to cover all possible use. Its small dimensions and practicality make H5 perfect for the requirements of all sportsmen and outdoor enthusiasts.

INTEGRATED 1.5" LCD SCREEN

Midland H5 has an integrated display to frame, easily adjust settings and reproduce videos and photos.

CAR DVR FUNCTION

H5 is equipped with Cycle recording and it can be easily installed in the car and record continuously what is happening while you are driving.

WIDE ANGLE AND IMAGE STABILIZER

H5 is equipped with 140° wide angles and image stabilizer for excellent shoots.

SUBMERSIBLE CASE 30M

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

WIFI

Thanks to the integrated wifi, Midland H5 connects to both smartphone and tablet to watch, play and share videos and photos, thanks to the "iSmart DV" (iOS and Android) App.

PACKAGING AND CODES

Camera, 30m submersible case, coloured front, Li-Ion 900mAh battery pack, USB cable and 20 elements to combine to create the best mounting solution for your requirements (i.e.: helmet support, handlebar, bike helmet, etc.).
code C1208

TECHNICAL
SPECIFICATIONS

MODEL	XTC400/450	XTC270	H5
RESOLUTION	1920 x 1080p (30/25fps) 1280 x 720p (60/50fps) WVGA848X480 (120/100fps)	1920 x 1080p (30fps) 1280 x 720p (60fps)	1920 x 1080p (30fps) 1280 x 720p (60fps)
SENSOR	12Mp	5,2 Mp	5,2 Mp
ASPECT RATIO	16:9	16:9	16:9
FORMAT	H.264 File type - MP4	H.264 File Type - MP4	MP4
LENS	7 elements (6 tempered glass, 1 IRF)	5 elements	6 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 100 minutes	Li-Ion 900 mAh, up to 100 minutes
INSTANT RECORDING	Yes	Yes	No
STEALTH MODE	Optional	No	No
PHOTO	Yes	No	Yes
TRIPOD MOUNT	Yes	Yes	Included
EXTERNAL MIKE JACK	Yes	No	No
WEIGHT	140g	93g	58g
DIMENSIONS	(HxLxP) 52x95x35mm	(HxLxP) 42.2x89,1x30.3mm	(HxLxP) 41,1x59,3x29,3
OPERATING SYSTEMS	Win XP, SP2, Vista 7&8, Mac OSX 10.4+	Win XP, SP2, Vista 7&8, Mac OSX 10.4+	Win XP, SP2, Vista 7&8, Mac OSX 10.4+

ACCESSORIES

SURFACE				
XTC400 XTC450		BASIC	**C1108**	Base fixing system (4 pcs)
XTC400 XTC450		MINISPIDER	**C1109**	Small base with 3M adhesive and 45° slide
XTC400 XTC450		SPIDER	**C1110**	Large base with 3M adhesive and 45° slide for surf/snowboard

XTC280 XTC270		HELMET MOUNT	**C990**	Bi-adhesive helmet mount
XTC280 XTC270		SURF SNOWBOARD MOUNT	**C1038**	270° Adjustable ABS and stainless steel mount with safety device to be fixed to a surfboard or snowboard

WEARABLE

XTC400 XTC450		BELT MOUNT	**C1111**	Belt mount
XTC400 XTC450		VENTED HELMET MOUNT	**C1112**	Bicycle helmet mount
XTC400 XTC450		HEAD STRAP MOUNT	**C1113**	Headband mount
XTC400 XTC450		GOGGLE MOUNT	**C1114**	Mount for google (ski, motocross)
XTC280 XTC270		GOGGLE MOUNT	**C989**	Mount for google (ski, motocross)
ALL		CAP MOUNT	**C1012**	Cap mount
XTC280 XTC270		HEAD STRAP MOUNT	**C1040**	Headband mount
XTC280 XTC270		VENTED HELMET MOUNT	**C991**	Universal Velcro band for bicycle helmet, rucksack, etc.
ALL		CHEST MOUNT	**C1115**	Chest mount compatible with the entire XTC line through a standard screw connection.

VEHICLE

XTC400 XTC450		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 XTC270		HANDLEBAR MOUNT	**C992**	Mount for handlebars and tubes

PROFESSIONAL/RAM

ALL		RAM ROLL BAR MOUNT	C1042	Professional mount for tubular handlebar with a diameter from 1 to 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 XTC450		PICATINNY MOUNT	C1118	Mount for rifles and guns with Piccatinny Rail
XTC280 XTC270		PICATINNY MOUNT	C1039	Mount for rifles and guns with Piccatinny Rail
ALL		UNIVERSAL RIFLE MOUNT	C1064.01	Universal mount for rifles
ALL		BOW MOUNT	C1068	Bow mount
		TREE MOUNT	C1062	Tree mount

POD

ALL		BLACK SELFIE POD	C1204	Smartphone and XTC stick for taking selfies and shooting videos. Light and comfortable, it can be extended up to 80 cm, with integrated Bluetooth key.
ALL		FUCHSIA SELFIE POD	C1204.01	Smartphone and XTC stick for taking selfies and shooting videos. Light and comfortable, it can be extended up to 80 cm, with integrated Bluetooth key.
ALL		XT-POD	C1116	Multicam Monopod – Aluminum body (18cm)

ALL	XT-POD 2S	**C1116.01**	Telescopic multicam 2-section Monopod 100% Carbon fiber (80cm)
ALL	XT-POD 3S	**C1116.02**	Telescopic multicam 3-section Monopod 100% Carbon fiber (112cm)

SUBMERSIBLE CASES/LENS KIT

XTC400 XTC450	CC-XTC400	**C1121**	Submersible case 85m
XTC300	CC-XTC300	**C1031**	Case with flat lens for diving down to 60m
XTC280 XTC270	CC-XTC280	**C976.01**	Case with flat lens for diving down to 60m
ALL	ANTI CONDENSATION INSERTS	**C1171**	They prevent condensation from forming inside the housing of your action camera. The package includes 18 inserts and one humidity indicator.
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 XTC450	TRIPOD MOUNT	**C1120**	Side adapter to transform any screw mount into a side attachment
XTC280 XTC270	TRIPOD MOUNT	**R73161**	Side adapter to transform any screw mount into a side attachment
XTC280 XTC270	GOPRO ADAPTER	**101854**	This adapter allows the use of GOPRO mounts with MIDLAND cameras

BATTERIES

XTC400/450	BATTERY	**C1124**	3,7V - 1700mAh Li-Ion battery pack
XTC300	BATTERY	**C1014**	1100mAh Li-Ion battery
XTC280/270	BATTERY	**C1015**	900mAh Li-Ion battery

G7PRO

P8 H

CALL   MENU   MON SCAN

MIC

MIDLAND®

MIDLAND®
PUT YOURSELF IN ACTION

RADIOS

MIDLAND
G5 XT

08 PMR446

16 CHANNELS PRE-PROGR

VOX

BABY SITTER

CALL

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

MIDLAND G5 XT WORK&HOBBY FULL OPTIONAL

Practical box to carry radios wherever needed.

PACKS AND CODES

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
M24/48/99-S

08 PMR446	VOX	CALL
SCAN	BATTERY LEVEL	AAA BATTERY (M24-S)
BATTERY PACK (M48-S/M99-S)	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 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
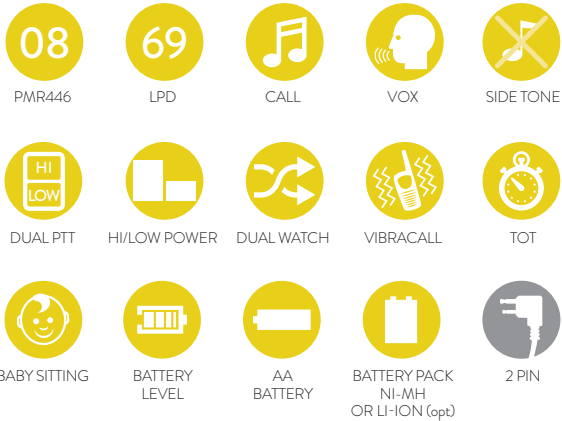· Built-in vox adjustable to 2 levels
· Alphanumeric LCD display
· Call button, Keypad lock
· "SCAN" function, Auto Power Save
· Battery life: up to 12 hours
· Power supply: battery packs
· 2-pin accessory socket
· Compatible wall charger: MW904

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

MIDLAND
G7 PRO

08	**69**	CALL	VOX	SIDE TONE
PMR446	LPD	CALL	VOX	SIDE TONE
DUAL PTT	HI/LOW POWER	DUAL WATCH	VIBRACALL	TOT
BABY SITTING	BATTERY LEVEL	AA BATTERY	BATTERY PACK NI-MH OR LI-ION (opt)	2 PIN

NEW

THE BEST G7 EVER

Midland G7, an all-time favourite of outdoor enthusiasts, which provides the perfect balance of simplicity and efficiency, is now available in a new, enhanced PRO Version.

New design: a larger display, which significantly improves visibility

Power supply: in addition to the NiMh BATTERY PACK and alkaline batteries, you can now use the new Li-Ion 1200mAh battery pack (optional), which makes your radio lighter by 20%.

Communication: enhanced sound quality for clearer voice communications.

New Side Tone function: noise silencer to eliminate squelch tails at the end of a transmission.

3 Vox types adjustable on two levels.

Double PTT: select high or low power as needed to improve transmission and battery life.

Versions:	Dual band PMR446/LPD PMR446
Colour:	Gray/Black - Mimetic Mossy Oak
Channels:	PMR446 8 - LPD 69
Tones:	38 CTCSS + 104 DCS

EXPORT VERSION 3W

SPECIFICATIONS

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

MIDLAND
G7 PRO
MIMETIC

NEW

EXTRA**ORDINARY**
VERSATILE

MOSSY OAK.
BRAND CAMO

MIDLAND
G9 PLUS

08 PMR446	**69** LPD	**16** PREPROGR	SPLASH-PROOF	SIDE TONE
EMERGENCY	DUAL PTT	CALL	DUAL WATCH	TOT
OUT OF RANGE	VOX TALK BACK	VIBRACALL	SCAN	
BATTERY LEVEL	AA BATTERY	BATTERY PACK	2 PIN	

NEW

HIGH-PERFORMANCE RADIOS THE NEW EDITION

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 optimized and high power transmission used only 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
- · Dual watch function: to monitor 2 different channels at the same time
- · New "Side tone" function: noise silencer to eliminate squelch tails at the end of a transmission
- · 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 single pack:
1 radio, desktop charger with wall adapter,
4 rechargeable AA batteries (1800 mAh), belt clip
code C923.05 Dual band version
code C923.06 PMR446 only version
code C923.07 Dual band mimetic version

MIDLAND
ONDA

100
SRD
CHANNELS

LOW BATTERY
INDICATOR

BATTERY
PACK

SIDE TONE

1 PIN

POCKET-SIZE: 86 x16 x42 mm

Multiple charger case

DESIGNED FOR TOURIST GUIDES AND GROUP TOURS

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)

· Different regulatory requirements may apply depending on the country in which Onda is sold.
· Dimensions: 86x16x42mm
· 1-pin stereo accessory socket

PACKS AND CODES

Carton 50 receivers code C1069.01
50 receivers, waist clips, battery packs Li-Ion 3.7V 650 mAh and neck collars
Single pack code C1069
1 receiver

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

PB777

AL777

R71968

R71969

A-777 TR

MA28-TR

Rotating clip

PB 777 C783
3,7V-650mAh Li-Ion battery pack
AL777 C803
Cigarette lighter power lead
R71968
Battery charger 220V

R71969/R73579
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

MIDLAND
GB1

08 PMR446

91 PREPROGR

SIDE TONE

TOT*

SCAN

NEW

THE FIRST VEHICULAR PMR446 IN THE WORLD!

Midland introduces into the market the first vehicular PMR446 ever realized. GB1, small and compact, has a metal chassis guaranteeing sturdiness and durability. Even if reminding you of a CB, it works on the frequencies of a standard PMR466, with the advantage of **not being subject to interferences and noise generated by vehicle engines**. The integrated magnetic antenna and the 12V socket allow immediate installation and a wider range than a CB.
Ideal for campers, cars and campings.

Versions:	PMR446
Colour:	Black
Channels:	PMR446 8 + 91 progr.
Tones:	50 CTCSS + 104 DCS

EXPORT VERSION 5W

SPECIFICATIONS

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

PACKAGING AND CODES

Box single pack:
Radio, microphone, microphone holder, integrated wired magnetic antenna, mounting bracket, fixing screws, supply cable with 12V car charger.
code C1198

* Software programmable

PROGRAMMING SOFTWARE PRG-GB1
cod. C1227
Complete with USB cable to connect to a PC

MIDLAND
D-200
DIGITAL
RADIO

8A **+ 8**D
PREPROGR

16 REAL
DPMR446*

DIGITAL SINGLE CALLS

DIGITAL GROUP CALLS

DIGITAL SCRAMBLER*

VOX*

SCAN

VOCAL INDICATIONS

BATTERY PACK

PIN KENWOOD

DIGITAL AUDIO SYSTEM

dPMR digital ™

NEW

*With programming software, optional

MIDLAND'S FIRST DIGITAL RADIO

This innovative device allows you to communicate using two different protocols: **DPMR446 and PMR446**.
Digital technology offers important new features; first of all, it **enhances communication quality**, which is much clearer than with the analog system. In addition, **digital audio processing significantly reduces sensitivity to noise and interference.** Being new on the market, the digital bandwidth is less congested than analog frequencies.
Channels are twice as many (16) as in a classic PMR446, being 8 analog and 8 digital (these last ones can become 16 through the use of the dedicated programming kit, code C974.01). This allows you to make individual and group calls. In particular, D-200 comes with **3 customisable buttons that can be used to make three different types of calls** – standard, individual and group calls. In addition, a powerful digital scrambler will protect communications from unwanted listeners and ensure maximum privacy.

Versions: DPMR446/PMR446
Colour: Black
Channels: 8 Analogic + 8 Digital pre-programmed
Tones: 52 CTCSS + 166 DCS
EXPORT VERSION 5W

SPECIFICATIONS
· Analog/digital communication protocol
· Automatic recognition of the analog/digital channel used and default mode reset (via the programming software)
· 16 analog/digital channels
· Digital 6.25KHz filter
· 166 DCS codes+ 52 CTCSS tones (analog bandwidth)
· Individual and group digital calls
· 32bit digital scrambler
· Voice alert, Scan, VOX
· High-capacity 1800mAh Li-Ion battery
· External socket for 2-pin Kenwood accessories

PACKS AND CODES

Box single pack:
Radio, desktop charger, wall adapter, 1800 mAh Li-Ion rechargeable battery pack, belt clip
code C1159

PROGRAMMING SOFTWARE PRG 10

code C974.01
Customisation of channels and frequencies, es. digital scrambler.

MIDLAND
G10

08 PMR446

08 PREPROGR

SCAN

VOCAL INDICATIONS

BATTERY PACK

2 PIN KENWOOD

NEW

MOSSY OAK BRAND CAMO

**THE SIMPLE,
USER-FRIENDLY RADIO
NOW ALSO CAMO**

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 knob 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: 51 CTCSS + 83 DCS normal/inverted
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 single pack:
1 radio, desktop charger, wall adapter, Li-Ion rechargeable battery pack (1200 mAh), belt clip
cod C1107 Black version
cod C1107.02 Mimetic version

**PROGRAMMING SOFTWARE
PRG 10**
code C974.01
Customisation of channels and frequencies.

MIDLAND
G11V

08 PMR446

08 PREPROGR

VOX

SCAN

VOCAL INDICATIONS

ROGER BEEP

BUSY CHANNEL

BATTERY PACK

2 PIN KENWOOD

COMPACT AND HARD-WEARING, WITH INCOMPARABLE AUDIO

Midland G11V is a hard-wearing, reliable radio, thanks to its metal chassis, with every detail perfect.
The knob near the antenna enables easy, user-friendly channel selection; the function available can be activated by simply using the two buttons on the side. Its clear, bright audio garantees high quality communication.

Version: PMR446
Colour: Black
Channels: 8 + 8 pre-set sub-channels
Tones: 50 CTCSS + 105 DCS normal/inverted

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 single pack:
1 radio, desktop charger, wall adapter, rechargeable Li-Ion battery pack (1600 mAh), belt clip
cod C966.04

PROGRAMMING SOFTWARE PRG 10

code C974.01
Customisation of channels and frequencies.

MIDLAND
G15/G18

08	**08**	**91**	
PMR446	PREPROGR (G15)	PREPROGR (G18)	WATERPROOF IP67
SCAN	VOCAL INDICATIONS	FM RADIO (G18)	SCRAMBLER (G18)
COMPANDER (G18)	VOX	ROGER BEEP	BATTERY PACK
2 PIN MOTOROLA			

WATERPROOF IP67

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

Midland G15 and Midland G18 are IP67 certified, meaning that they are designed and tested to be dustproof and waterproof (to a depth of 1 metre for 30 minutes). Simple and quick, they indicate the channel/function selected via a voice alert.
In addition to an LCD display, Midland G18 is also equipped with FM radio, Scrambler and Compander functions for excellent sound quality. Both radios have a strong metal chassis to resist to impacts.

Version: PMR446
Colour: Black
Channels: 8 + 8 (G15)/8+91 (G18)
pre-set sub-channels
Tones: 50 CTCSS+105 DCS normal/inverted

EXPORT VERSION 5W

SPECIFICATIONS
- Aluminium chassis
- IP67 certified
- Output power: ≤500mW ERP
- Channel spacing: 12.5KHz
- Channel scanning
- Voice tune
- Roger Beep, Auto power save
- Monitor, Squelch, Vox
- G18 is also equipped with FM radio, Scrambler and Compander
- Power supply: Li-Ion 1600mAh battery pack

- 2-pin Motorola accessory socket

PACKS AND CODES
Box single pack:
1 radio, desktop charger, wall adapter, rechargeable Li-Ion battery pack (1600 mAh), belt clip
Midland G15 code C1127
Midland G18 code C1145

PROGRAMMING SOFTWARE PRG-G15
code C1131
Customisation of channels and frequencies.

ALAN
HP446 EXTRÀ
HP450 2A

08 PMR446	**91** PREPROGR	WATERPROOF IP67 (HP450)	VOX
CALL	SCRAMBLER (HP450)	SCAN	DUAL WATCH
ROGER BEEP	BATTERY LEVEL	HI/LOW POWER	BATTERY PACK
2 PIN			

WATERPROOF IP67

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

Version: HP446E: PMR446
HP450 2A: dual band PMR/PMR446
Colour: Black
Channels: PMR 446: 8 + 91 preprogr.
Tones: HP446E: 50 CTCSS+104 DCS
HP450: 38 CTCSS+83 DCS

EXPORT VERSION HP446E: 2W - HP450: 5W

SPECIFICATIONS

· **HP446 Extrà:** Keypad lock, Auto power save, Low battery indicator, Dual Watch, CALL, SCAN, Monitor, Vox, Roger beep, Hi/low power, Backlit LCD display, Time Out Timer (max. conversation duration), Busy channel lock out (it blocks transmission when the channel is busy), Power supply: 1300mAh Ni-MH battery pack
· **HP450 2A:** Waterproof: IP67, MIL810, C, D, E, F, Scrambler, Keypad lock, Auto power save, Low battery indicator, Dual Watch, Vox, CALL with 5 different melodies, SCAN, Adjustable monitor, Out of Range, Roger beep, High/low power, Backlit LCD display, Power supply: 2200mAh Li-Ion battery pack
· 2-pin accessory socket for both

OPTIONAL ACCESSORIES HP450 2A

· RC45 - **G1066**
Rapid desktop charger black
· BP4522 - **G1068**
Rechargeable battery pack 2200 mAh Li-Ion
· Screw Driver - **G911**
Screwdriver for antenna connector

Other accessories: from page 46

PACKS AND CODES

HP446 Extrà - Box single pack
Radio, desktop charger, 1300 mAh Ni-MH battery pack, belt clip
code G815.07
HP450 2A - Semi-rigid Eva case
Radio, double desktop quick charger, wall charger, 2200 mAh Li-Ion battery pack, rigid polycarbonate case with clip for 180° rotation
code G1093.06

PROGRAMMING SOFTWARE
PRG050 code G879

Complete with RS232 cable (HP446 Extrà)

PRG450 code G1069

Complete with USB cable (HP450 2A)

TECHNICAL
SPECIFICATIONS

MODEL	MIDLAND G5 XT	M24/48/99-S	MIDLAND G7 PRO
Band	PMR446	PMR446	PMR446-LPD (Dual band)
Channels	8 + 16 pre-programmed	8+16(M24)/40(M48)/91(M99) preprog.	8 PMR446/69 LPD
CTCSS e DCS	38 CTCSS	38 CTCSS	38 CTCSS/104 DCS
Vox	3 sensitivity levels + talk back	2 sensitivity levels	6 sensitivity levels
Power supply	3 rechargeable AAA Ni-MH batteries	4 batteries AAA (M24) recharg. battery pack 800mAh	battery pack 800mAh or 1200mAh Li-Ion (opz) o 4 AA rechargeable batteries
Battery life	Up to 35 hours with alkaline batteries	Up to 12 hours	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)	74 g	103 g	123 g
Dimensions (LxAxP)	50x85x25 mm	60x103x25 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 G9 PLUS	MIDLAND ONDA	GB1
Band	PMR446-LPD (Dual band)	Radio microphone wireless 472÷474 MHz	PMR446
Channels	PMR446+16 progr/69 LPD	100	8 PMR446/91 preprogr.
CTCSS e DCS	38 CTCSS, 104 DCS	-	50 CTCSS/104 DCS
Vox	3 sensitivity levels + talk back	-	-
Power supply	4 recharg. batteries AA 1800mAh or 4 alkaline AA batteries (opt)	Li-Ion 3,7V (650mAh) battery pack	-
Battery life	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	2mW ERP	≤500mW ERP
Operating temperature	-20° +55°C	-10° +45° C	-20° +55°C
Weight (excluding batteries)	114 g	58 g	220 g
Dimensions (LxAxP)	68x120x35mm	42x86x16 mm	100x85x22 mm
Connections	Socket for audio accessories, charger	Socket for audio accessories, wall charger	-
Accessory socket type	2 pin	1 pin – 2,5 mm stereo	-
Compatible wall charger	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	D-200	MIDLAND G10	MIDLAND G11V
Band	PMR446/DPMR446	PMR446	PMR446
Channels	8 analog channels 8 digital channels	8+8 pre-programmed	8+8 pre-set sub-channels
CTCSS e DCS	52 CTCSS, 166 DCS	51 CTCSS, 83 DCS	50 CTCSS, 105 DCS
Vox	9 sensitivity levels	-	9 sensitivity levels
Power supply	1800mAh Li-Ion battery pack	1200mAh Li-Ion battery pack	1600mAh Li-Ion battery pack
Battery life	25h	16h	22 hours with 1600mAh battery pack
Display	-	-	-
Transmission power	500mW ERP	500mW ERP	500mW ERP
Operating temperature	-20° +55°C	-20° +55°C	-20° +55°C
Weight	230 g (with battery)	192 g (with battery)	209 g (with battery)
Dimensions (LxAxP)	126x59x40 mm	114x58x33 mm	112x58x34 mm
Connections	Socket for audio accessories	Socket for audio accessories	Socket for audio accessories
Accessory socket type	2 pin Kenwood	2 pin Kenwood	2 pin Kenwood
Compatible wall charger	desktop charger only	desktop charger only	desktop charger only

MODEL	MIDLAND G15	MIDLAND G18	ALAN HP450 2A	ALAN HP446 EXTRÀ
Band	PMR446	PMR446	PMR/PMR446	PMR446
Channels	8+8 pre-programmed	8+91 pre-programmed	8 + 91 pre-programmed	8+91 pre-programmed
CTCSS e DCS	51 CTCSS, 83 DCS	50 CTCSS, 105 DCS	38 CTCSS,83 DCS	50 CTCSS, 104 DCS
Vox	9 sensitivity levels	9 sensitivity levels	2 sensitivity levels	2 sensitivity levels
Power supply	1600mAh Li-Ion battery pack	1600mAh Li-Ion battery pack	2200 mAh battery pack	1300 mAh battery pack
Battery life	22 hours	22 hours	29 hours with battery pack	26 hours with battery pack
Display	-	Multifunction back-lit LCD	Multifunction back-lit LCD	Multifunction back-lit LCD
Transmission power	500mW ERP	500 mW ERP (high/low level)	500 mW ERP (high/low level)	500 mW ERP (high/low level)
Operating temperature	-20° +55°C	-20° +55°C	-20° +55°C	-20° +55°C
Weight (excluding batteries)	192 g	240 g (with battery)	180 gr	207 gr
Dimensions (LxAxP)	100x58x33 mm (excluding antenna)	113x56x38 mm	54x113x35 mm	62x133x40 mm
Connections	Socket for audio accessories, charger	Socket for audio accessories	Socket for audio accessories	Socket for audio accessories
Accessory socket type	2 pin Motorola	2 pin Motorola	2 pin	2 pin
Compatible wall charger	desktop charger only	desktop charger only	desktop charger only	desktop charger only

MIDLAND
M ZERO
M ZERO PLUS

AM
M ZERO BAND

AM FM
M ZERO PLUS BAND

40
CHANNELS

+
EMERGENCY

⚡
POWER 12V

⊙
4 PIN

NEW

MIDLAND CB NEXT GENERATION: EXCEPTIONALLY FUNCTIONAL AND VERSATILE

The next generation of Midland CB radios makes its debut with a brand-new model featuring redesigned electronics, developed with SMD technology, and a new design, with a modern plastic shell that makes it much lighter than traditional CB's with metal chassis.
Midland M Zero and M Zero Plus, state-of-the-art AM and AM-FM CB's 40 channels, compact size, powerful and easy to use.
With RF-Gain, Squelch control, and an emergency channel quick select switch.

SPECIFICATIONS

· Band: AM (M Zero)
           AM-FM (M Zero Plus)
· Channel display, black background with white texts
· UP/DOWN buttons
· Squelch
· CB-PA function and external speaker jack (M Zero)
· Emergency memory channel: to immediately select the emergency channel (set by the user)
· RF Gain: sensitivity control in RX
· Quick Scan
· On/Off keypad beep
· 4-pin microphone connector

EXPORT VERSION: 120CH

PACKS AND CODES

1 radio, microphone, mounting bracket, fixing screws
M Zero code C1169
M Zero Plus code C1169.01

MIDLAND
M10

NEW

MULTI					
BAND	DIGITAL SQUELCH	NOISE BLANKER	USB PORT	2 PIN	4 PIN

THE CB IS RENEWED AND BECOMES MULTIMEDIAL!

Midland presents the Multimedia CBs, completely reviewed in both design and electronics. M10 opens the door to wireless communication: thanks to the new Bluetooth WA accessories (see page 54), connected to the 2 pin socket, you can communicate hands-free. The 2 pin socket also allows the use of the traditional wired Midland accessories. The front USB socket makes the M10 a practical power supply, always accessible to recharge electronic devices such as smartphone and tablet.

SPECIFICATIONS
· Band: Multi (see p. 31)
· LCD display, White Bright Light™
· White Bright Light™ backlight
· AM/FM switch
· Automatic digital squelch
· Selectable audio: internal, from earphones, both
· ANL: automatic noise limiter
· Noise Blanker System
· Emergency channel 9-19
· USB socket for smartphone and tablet recharging
· 2 pin socket for accessories

· External loudspeaker socket
· 4 pin microphone connector

PACKAGING AND CODES
1 radio, microphone, fixing screws, mounting bracket, power cable with car power supply
code C1185

EXPORT VERSION: 10W AM/FM - 400CH

MIDLAND
M20

NEW

MULTI					
BAND	DIGITAL SQUELCH	NOISE BLANKER	USB PORT	2 PIN	6 PIN

THE BEST PERFORMING MULTIMEDIA CB!

An even larger screen and more functions make M20 the top of the Multimedia CB range.
M20 allows wireless communication thanks to the new Bluetooth WA accessories (see page 54), connected to the 2-pin socket. The 2 pin socket also allows the use of the traditional wired Midland accessories. The front USB socket makes the M20 a practical power supply, always accessible to recharge electronic devices such as smartphone and tablet.

SPECIFICATIONS
· Band: Multi (see p. 31)
· Large LCD display, White Bright Light™
· White Bright Light™ backlight
· AM/FM switch
· Automatic digital squelch, digital S-Meter
· Selectable audio: internal, from earphones, both
· ANL and Noise Blanker System that can be selected and disabled
· 9-19 emergency channel and selectable priority channel
· Microphone with Up/Down and priority channel

· USB socket for smartphone and tablet recharging
· 2 pin socket for accessories
· External loudspeaker socket
· External S-Meter socket
· 6 pin microphone connector

PACKAGING AND CODES
1 radio, microphone, fixing screws, mounting bracket, power cable
code C1186

EXPORT VERSION: 10W AM/FM - 400CH

ALAN
109

AM
BAND

+
EMERGENCY

⚡
POWER 12V

4 PIN

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
199

AM
BAND

40
CHANNELS

+
EMERGENCY

⚡
POWER 12V

4 PIN

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

AM FM	40	✚	⚡	⦿
BAND	CHANNELS	EMERGENCY	POWER 12V	4 PIN

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
210 DS

★MULTI★	〰	✚	⚡	⦿
BAND	DIGITAL SQUELCH	EMERGENCY	POWER 12V	4 PIN

THE MULTI-BAND 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. 31)
· 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.

EXPORT VERSION: 400CH

SPECIFICATIONS

·   Band: Multi (see p. 31)
·   Power: 1W/4W depending on the country
·   Blue back-lit multifunction display
·   "Precision series" microphone with Up/Down/ Lock buttons
·   Emergency channel
·   Squelch
·   External speaker socket
·   SCAN function
·   6-pin microphone connector

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. 31)
·   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

| BAND | NOISE BLANKER | ESP 2 | EMERGENCY | S-METER |

| DUAL WATCH | MEMORY | POWER 12V | 6 PIN |

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	MHz 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**	**MHz 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

ALAN
42 MULTI

MULTI BAND

EMERGENCY

DUAL WATCH

SIGNAL

HI/LOW POWER

POWER 12V

AA BATTERY

2 PIN
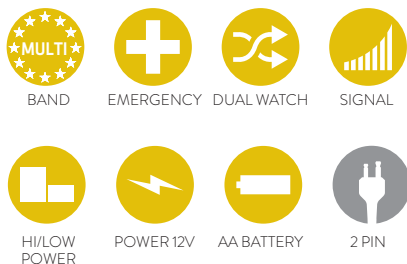
THE MOST POPULAR PORTABLE CB IN THE WORLD, NEVER EQUALLED

Alan 42 Multi is the Midland portable that garantees excellent performances in every conditions.
Its large display, that can be light up through a specific button, allows the selection of any CB European band.
Is is also provided with an automatic battery economic circuit.

SPECIFICATIONS
- Band: Multi (See specific table, page 31)
- 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 SO2399

R17365
Wall adapter

Alan 42 is compatible with all 2-pin accessories from the PMR446/Dual band section (except MA46) pages 46-47

TECHNICAL
SPECIFICATIONS

MODEL	M ZERO/M ZERO PLUS	M 10	M 20
Type	M Zero: Vehicle AM CB M Zero Plus: Vehicle AM - FM CB	Vehicle multi-band CB	Vehicle multi-band CB
GENERAL			
Channels/Bands	40 AM/40 AM -40 FM	see multi equipment table*	see multi equipment table*
Frequency range	26.965 - 27.405 MHz	26.565 - 27.99125 MHz	26.565 - 27.99125 MHz
Power supply voltage	12,6 Vcc ± 10%	12.6 V DC ± 10%	12,6 Vcc ± 10%
Dimensions (WxHxD)/weight	110 x 45 x 140 mm/665 g	122x35x195 mm/820 g	137x35x210 mm/930 g
Mic. connector	4 pin	4 pin	6 pin
RECEIVER			
Sensitivity for 20dB SINAD	<1,0μV	<1μV	<1μV
Audio output power	2W max	4W max	4W max
Audio distortion	< 5% @ 1KHz	< 5%@1KHz	< 5%@1KHz
TRANSMITTER			
Output power	4W AM/4W FM	1W/4W AM-FM	1W/4W AM-FM
Modulation	AM: 90% - 2 KHz	AM 90% ±5% / FM 2KHz	AM 90% ±5% / FM 2KHz
Max. current absorbed	1500mA		

MODEL	ALAN 109	ALAN 199	ALAN 100 PLUS B
Type	Vehicle AM CB	Vehicle AM CB	Vehicle AM CB-FM
GENERAL			
Channels/Bands	40 AM	40 AM	40 AM -40 FM
Frequency range	26.960 - 27.400 MHz	26.965 - 27.405 MHz	26.965 - 27.405 MHz
Power supply voltage	12,6 Vcc ± 10%	12,6 Vcc ± 10%	12,6 Vcc ± 10%
Dimensions (WxHxD)/weight	122 x 38 x 165 mm/15 Kg	124 x 38 x 190 mm/1,2 Kg	124 x 38 x 190 mm/1,2 Kg
Mic. connector	4 pin	4 pin	4 pin
RECEIVER			
Sensitivity for 20dB SINAD	0,5+1μV	<1,0μV	<1,0μV
Audio output power	3W @ 8Ohm	4W max	4W max
Audio distortion	< 8% @ 1KHz	< 8% @ 1KHz	< 8% @ 1KHz
TRANSMITTER			
Output power	4W AM	1W/4W AM	4W AM-FM
Modulation	90%±5%	AM: 90%	AM: 90%, FM: 2KHz
Max. current absorbed	<2000mA	1100mA	1100mA

MODEL	MIDLAND 210 DS	ALAN 78 PLUS MULTI B	ALAN 48 PLUS MULTI B
Type	Vehicle multi-band CB	Vehicle multi-band CB	Vehicle multi-band CB
GENERAL			
Channels/Bands	see multi equipment table*	see multi equipment table*	see multi equipment table*
Frequency range	26.565 - 27.99125 MHz	26.565 - 27.99125 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	180 x 35 x 140 mm/0,850 Kg	180 x 50 x 150 mm/1 Kg
Mic. connector	4 pin	6 pin	6 pin
RECEIVER			
Sensitivity for 20dB SINAD	0.5 μV ÷ 1μV	0.5 μV ÷ 1μV	0,5÷1 μV
Audio output power	4 W max	> 2W @ 8 Ohm	> 3W @ 8 Ohm
Audio distortion	< 8% @ 1 Khz	< 8% @ 1 Khz	< 8% @ 1KHz
TRANSMITTER			
Output power	1W/4W AM-FM	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	FM: 1.8 KHz +/- 0.2 KHz AM: 90%
Max. current absorbed	1800mA	1100mA	1100mA

MODEL	MIDLAND 248 XL	ALAN 42 MULTI
Type	Vehicle multi-band CB	Portable multi-band CB
GENERAL		
Channels/Bands	see multi equipment table*	see multi equipment table*
Frequency range	26.565-27.99125 MHz	26.565 MHz - 27.99125 MHz
Power supply voltage	12,6 Vcc ± 10%	12,6 Vcc ± 10%
Dimensions (WxHxD)/weight	150x45x175 mm/1 Kg	70 x 140 x 30 mm/220 g (- batt)
Mic. connector	6 pin	2 pin
RECEIVER		
Sensitivity for 20dB SINAD	0,5 μV (AM/FM)	1,0μV (AM), 0,55μV (FM)
Audio output power	> 3W@ 8 Ohm	0.5W@8 Ω
Audio distortion	< 8% @ 1KHz	3%@1KHz
TRANSMITTER		
Output power	1W/4W AM-FM	1W/4W AM-FM
Modulation	FM: 1,8 KHz ± 0,2 KHz - AM: 90%	AM 90% ±5% / FM 2KHz
Max. current absorbed	2500mA	900mA

MIDLAND
CT 210
CT 410

VOX	BATTERY LEVEL	EMERGENCY	SCAN

TOT	BUSY CHANNEL	HI/LOW POWER	SCRAMBLER

3 COLORS DISPLAY	BATTERY PACK	2 PIN KENWOOD

AMATEUR RADIOS IN VHF AND 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 UHF

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

1 radio, 1200mA Li-Ion battery pack, rapid desktop charger, wall adapter, antenna, belt clip
Midland CT210 code C841.01
Midland CT410 code C840.01

PROGRAMMING SOFTWARE PRG10

code **C974.01**
Complete with USB connection lead for PCs

MIDLAND
CT 510

VOX · **BATTERY LEVEL** · **EMERGENCY** · **SCAN** · **CTCSS/DCS SCAN**

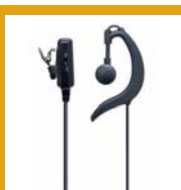**TOT** · **BUSY CHANNEL** · **HI/LOW POWER** · **FM RADIO** · **ROGER BEEP**

BATTERY PACK · **1 PIN**

R73725
Microphone with earpiece for CT510 (included in the pack)

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 offset: 0-69.950 MHz

· Frequency step: 5/6.25/10/12.5/25/37,5/50/100 kHz
· Function/channel reset
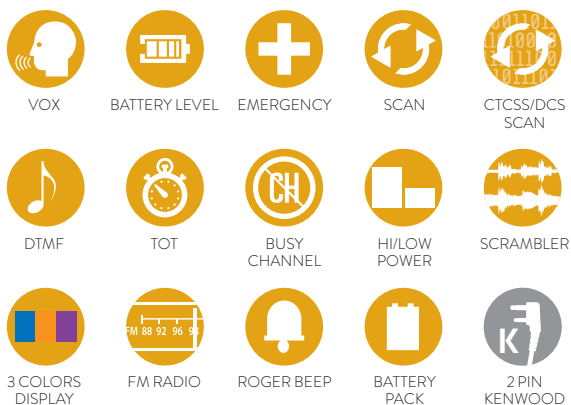· 1-pin 2,5mm accessory socket

PACKS AND CODES

1 radio, 1300mA Li-Ion battery pack, quick desktop charger, microphone with adjustable earpiece and PTT, wall adapter, flex antenna, belt clip
code C1065

PROGRAMMING SOFTWARE PRG-510
code C1104
Complete with USB connection lead for PCs

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

R73727
CLONING CABLE
CT 710 - CT 890
Allows you to transfer data/settings from one radio to another (not included).

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
·   Optional viewing on display of channel number, channel number + frequency or only frequency
·   TOT (Time out timer) functionBusy 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
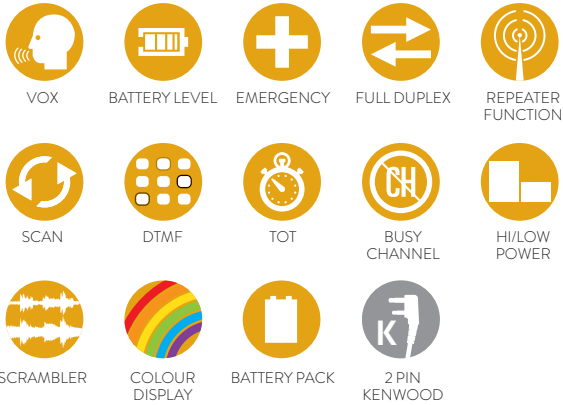
PACKS AND CODES
1 radio, 1600mA Li-Ion battery pack, quick desktop charger, wall adapter, antenna, belt clip
code C1049

PROGRAMMING SOFTWARE PRG10
code C974.01
Complete with USB connection lead for PCs

MIDLAND
CT 890

VOX	BATTERY LEVEL	EMERGENCY	FULL DUPLEX	REPEATER FUNCTION
SCAN	DTMF	TOT	BUSY CHANNEL	HI/LOW POWER
SCRAMBLER	COLOUR DISPLAY	BATTERY PACK	2 PIN KENWOOD	

NEW

R73727
**CLONING CABLE
CT 710 - CT 890**

Allows you to transfer data/settings from one radio to another (not included).

MIDLAND'S BEST DUAL BAND, WITH AN INCOMPARABLE DISPLAY

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
· 105+105 (I-N) codici DCS/50 CTCSS tones
· 999 channels to store
· Channel spacing: 25KHz/12.5KHz
· SOS emergency function
· Operating mode: UHF-UHF, VHF-VHF
· and VHF-UHF

· Full duplex, repeater function
· Dual band viewing (VHF/UHF) on display and channel name
· FM 88÷108 MHz radio receiver
· 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 displaying of channel number, channel number + frequency or frequency only
· 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 selected function VOICE
· Inverted frequency function
· Frequency offset: 0-69.950 MHz
· Function/channel reset
· 2-pin Kenwood accessory socket

PACKS AND CODES
1 radio, 2600mA Li-Ion battery pack, desktop charger, wall adapter, antenna, belt clip, wrist strap
**code C1170**

PROGRAMMING SOFTWARE PRG10
code C974.01
Complete with USB connection lead for PCs

TECHNICAL
SPECIFICATIONS

MODEL	CT 210	CT 410	CT 510
GENERAL			
Frequency	144-146MHz	430-440MHz	144-146MHz/ 430-440MHz
Operating temperature	-20°-+55°	-20°-+55°	-20°-+55°
Voltage supply	7.4V	7.4V	3.7V
Operating mode	Simplex or Semi-duplex	Simplex or Semi-duplex	Simplex or Semi-duplex
Size (excluding antenna)	100×58×33mm	100×58×33mm	85x55x28mm
Weight (including batteries)	203g	203g	127g
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	>4W	>4W	2W VHF/UHF
Maximum frequency deviation	5KHz	5KHz	KHz
Audio distortion	≤ 3%	≤ 3%	≤ 3%
RECEIVER			
RF sensitivity	< 0.2μV	< 0.2μV	< 0.3μV
Audio distortion	≤ 3%	≤ 3%	≤ 3%
Audio response	300Hz ÷ 3KHz	300Hz ÷ 3KHz	300Hz ÷ 3KHz

MODEL	CT 710	CT 890
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	Full duplex
Size (excluding antenna)	100×58×33mm	125x61x40mm
Weight (including batteries)	203g	278g
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

ALAN
HP108/408L/408H

VOX

BATTERY LEVEL

SCAN

SCRAMBLER

HI/LOW POWER

ROGER BEEP

BATTERY PACK

2 PIN
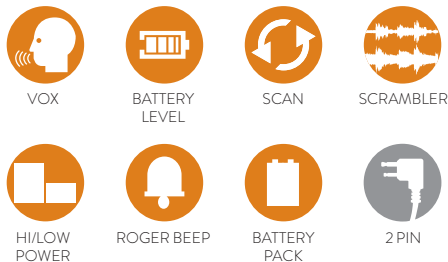
DIMENSIONS: 97x53x33mm

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
(On request)

PROGRAMMING SOFTWARE PRG08
HP08 serie G1184
complete with USB connection lead for PCs

ALAN
HP106/406/70L

VOX

BATTERY LEVEL

EMERGENCY
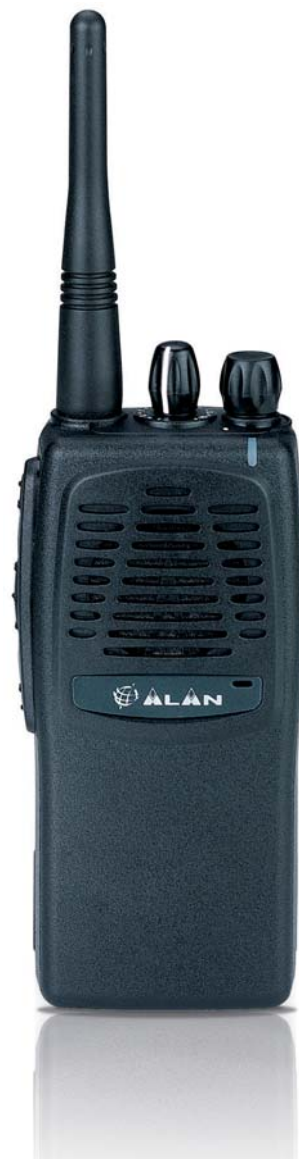
SCAN

SCRAMBLER

HI/LOW POWER

ROGER BEEP

BATTERY PACK

2 PIN

DIMENSIONS: 130x42x60mm

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 Antenna 77-88MHz
HA 68-L G1049 Antenna 66-77MHz

ALAN
HM135/70

EMERGENCY   SCAN   SCRAMBLER   HI/LOW POWER

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 code G934 VHF 136-174MHz
HM70 code G1101 66-88MHz 465-520MHz (export)

PROGRAMMING SOFTWARE PRG35
for HM06, HM35 e HM70 **G968**

complete with USB connection lead for PCs

PROFESSIONAL ACCESSORIES

RC05
C663.02

Black quick desktop charger compatible with: HP06

MK06/35
G1004

Standard palm microphone compatible with: all Alan HM

RC08
G1191

Quick desktop charger compatible with: HP08

MK35-K
G1003.01

Microphone with keypad compatible with: Alan HM35/70

BP0518
G811.03

1800 mAh NiMh rechargeable battery for HP06-HP70

AU25E
T681.01

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

BP08
G1192

1600 mAh Li-Ion rechargeable battery for HP08

G1016
Remote control kit including 5 m extension lead with connectors, brackets, screws.
Compatible with: Alan HM35, HM70

ALAN
HM106

EMERGENCY   SCAN   HI/LOW POWER

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
code **G997** VHF 136-174MHz

PROGRAMMING SOFTWARE PRG35

for HM06, HM35 e HM70 **G968**

complete with USB connection lead for PCs

ALAN
RPT 35S
QUICK SETUP

BASE STATION/REPEATER

The 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 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)
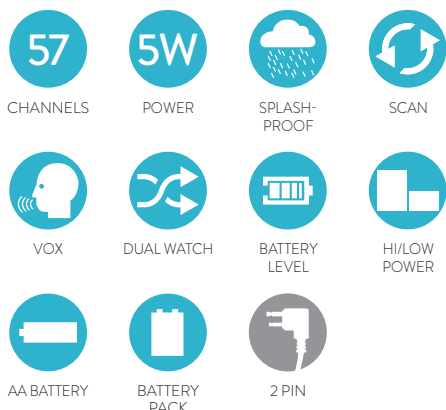· 6-cell duplexer included

PACKS AND CODES

1 repeater, power lead and duplexer leads-connection
RPT 135S VHF G1134 135-174MHz
(duplexer H band 152-175MHz)
RPT435S UHF G1135 405-470MHz

PROGRAMMING SOFTWARE PRG RPT

code **G1080**

complete with USB connection lead for PCs

MIDLAND
PACIFIC

57 CHANNELS	**5W** POWER	SPLASH-PROOF	SCAN
VOX	DUAL WATCH	BATTERY LEVEL	HI/LOW POWER
AA BATTERY	BATTERY PACK	2 PIN	

PROGRAMMING SOFTWARE PRG PACIFIC
code 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

1 radio, desktop charger, wall charger, rechargeable 800mAh battery pack, 12V cigarette lighter charger, desktop/wall mount and belt clip
code G1094

GENERAL	
Channels	57 international
TX frequency coverage	from 156.025 to 157.425 MHz
RX frequency coverage	from 156.300 to 162.000 MHz
Power supply	Battery pack/4 AA batteries opz
Operating temperature	from −15°C to +55°C
Removable antenna/length	Yes - SMA connector/250 mm
Size (LxAxP)	62x122x35 mm
Weight (transceiver only)	137 g

Accessory socket type	2 pin
Programmable	Via software (PRG-PACIFIC)
Water protection grade	-
TRANSMITTER	
Output power	5 Watt (1W/5W)
RECEIVER	
Sensitivity to 20dB Sinad	0,35 μV
Audio output power	500mW @ 10% THD
Audio distortion	< 10%

MIDLAND®

PUT YOURSELF IN ACTION

RADIO
ACCESSORIES

MICROPHONES
HEADPHONES

MICROPHONES/EARPHONES WITH L-SHAPED 2-PIN ACCESSORY SOCKET

MA 21-L
C709.03

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

MA 24-L
C517.02

Speak/listen microphone with selectable PTT/VOX

MA 26 - L
C515.01

Speaker microphone with volume control and earpiece socket

MA 28 - L
C559.03

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

MA 30 - L
C648.03

Microphone with adjustable arm and selectable PTT/VOX

MA31 - L
C732.03

Microphone with pneumatic earpiece and selectable PTT/VOX

MA 35 - L
C652.02

Headphone with microphone

MA-NC2
C983.01

Neck collar fabric with integrated headset and and selectable PTT/VOX (compatible with Midland G5XT, G6, G6XT, G7 series, G8, G9)

MICROPHONES/EARPHONES WITH STRAIGHT 2-PIN ACCESSORY SOCKET

AE30
C851

Microphone with arm and selectable PTT/VOX

MA31
C732

Microphone with pneumatic earpiece and selectable PTT/VOX

AE38
C823

Throat microphone with earphone, PTT and finger PTT

![icon] **MICROPHONES/EARPHONES WITH 1-PIN ACCESSORY SOCKET**

MA 21-SX
C709.02

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

MA31SX
C732.02

Microphone with pneumatic earpiece and selectable PTT/VOX

(EXCEPT ALAN421)

MA28-G5
C559.01

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

MA-NC1
C983

Neck collar fabric with integrated headset and and selectable PTT/VOX

![icon K] **MICROPHONES/EARPHONES WITH 2-PIN KENWOOD ACCESSORY SOCKET**

MA 21-LK
C709.04

Microphone with adjustable earpiece and PTT, with curly cord.
L-shaped 2-pin accessory socket

MA 21-K
C843

Microphone with adjustable earpiece and PTT.
straight 2-pin accessory socket

MA22-K
C844

Handheld speaker microphone with PTT.
straight 2-pin accessory socket

MA26 - LK
C515.04

Speaker microphone with volume control and earpiece socket.
L-shaped 2-pin accessory socket

MA31-LK
C732.04

Microphone with pneumatic earpiece.
L-shaped 2-pin accessory socket

MICROPHONES/EARPHONES WITH L-SHAPED 2-PIN MOTOROLA ACCESSORY SOCKET

NEW

MA 25-M
C1129

Waterproof speaker microphone, compatible with Midland G15/G18

NEW

MA 27-M
C1130

Microphone with PTT, compatible with Midland G15/G18

NEW

MA 31-M
C732.06

Microphone with pneumatic earpiece, compatible with Midland G15/G18

HI-FI STEREO HEADPHONES

Subzero: a Hi-Fi stereo headset with waterproof fabric on the outside and warm faux fur lining, integrated into a cosy adjustable ear warmer system to be worn on the back of the neck. Answer your phone calls and listen to music with great sound quality.
Also available in the summer version, SubzeroSun, with breathable fabric on the outside and fresh cotton on the inside. Included in the package: cable with microphone and Command/Answer function for mobile phones or Play/Pause for music (iPod, iPhone, MP3 and the best mobile phones), cable with microphone and PTT for connection to 2-Pin Midland transceivers.

WINTER SUBZERO
Colours available for the winter:

Black	C936.03
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 in a pierced fabric:

Black	C936.17
Orange	C936.18

CB MICROPHONES 4-PIN "48" CONNECTOR

MIDLAND F48
C1022

Microphone with echo.
For Alan 48, Alan 68S,
Midland 8001-XT

MIKE MIDLAND
T059

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

MDL4190
C074

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

MDL-NC
C1155

Omni directional dynamic microphone.
**Noise-cancelling
broadband microphone capsule.**
Impedance 460 Ohm, for Alan 48,
Alan 68S, Midland 8001-XT

CB MICROPHONES 4-PIN CONNECTOR

C1138
(EX R51504)

Original microphone Alan 100 Plus B/
Midland 203. For Alan 100 Plus B,
Midland 203, Alan 199, Midland 210 DS

CB MICROPHONES 5-PIN CONNECTOR

C1094
(EX R17332)

Original microphone Alan 100
Plus/199-A. For Alan 100 Plus, Alan
100 Plus Euro e Alan 199-A

MIDLAND F100
C1021

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

MICROPHONE-HOLDERS

PM3 **T431**

Microphone-holder with screw fastening and bi-adhesive

PMF **T570**

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

CB MICROPHONES 6-PIN CONNECTOR

MIDLAND F MULTI
C1023

Microphone with echo for CB Multi
Standard radios

MR120
C404.01

Electret microphone with UP/DOWN
buttons, for series Plus Multi, Excel,
Midland 248, 248 XL, 278, Alan 121 and
Midland 220 (no channel change)

MIKE MULTI
C714

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

MIKE SE (SPECIAL EDITION)
C870.01

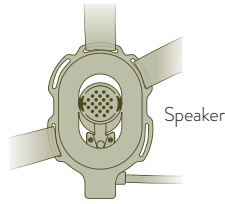"Old style" microphone with metal
mesh.For Alan 48, Alan 68S

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.

MILITARY HEADPHONES WITH 2-PIN ACCESSORY SOCKET

Speaker

Air tube earpiece

TO LISTEN WITHOUT BEING HEARD

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

BOW-M EVO
C1046.02
2-Pin Midland

BOW-M EVO K
C1046.03
2-Pin Kenwood

MICROPHONES/HEARPHONES/PTT WITH 2-PIN ACCESSORY SOCKET

AB29
C1149

Neckband headset microphone, including boom microphone, speaker and PTT. Comfortable to wear even with a softair helmet
2-Pin Midland

ABM TACTICAL
C855.01

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

ABM
C856

Earpiece microphone with adjustable arm and standard PTT
2-Pin Midland

A21M
C858

Earpiece microphone with standard PTT
2-Pin Midland

PTT WITH 2-PIN MIDLAND/KENWOOD SOCKET

EARPIECE WITH 1-PIN ACCESSORY SOCKET

PTT+CLIP MIDLAND FOR BOW-M
C1088
2-Pin Midland

PTT+CLIP MIDLAND FOR BOW-M
C1088.01
2-Pin Kenwood

EP21
C859

Earpiece 3,5mm jack socket (not compatible with Midland 777).

LISTENING ONLY

SAVE PHACE
TACTICAL
MASKS

THE ONLY MODELS 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.

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.

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 a Lot series).

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

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

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

INTIMIDATOR
C1058.02

PHANTOM
C1058.03

SCAR PHACE
C1058.04

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 yellow lens
C1059.04

RWI
(Replaceable/Washable/Interchangeable) foam
C1060

Spare elastic
C1073

BLUETOOTH

MIDLAND "WA" - WIRELESS ACCESSORIES

Midland's new "WA" range of Wireless Accessories can be used with any Midland wireless transceiver (fitted with a 2-pin socket). All devices come with a rechargeable lithium battery, with a USB cable for charging.

The WA range includes:
Bluetooth adapter
WA-DONGLE
for 2-pin radios, including Kenwood
Plug the WA-Dongle into your transceiver and choose from various headsets of the WA range to suit your needs.

Bluetooth headsets
WA21/WA31/WA29
Each headset features a small PTT button. WA headsets can be used with all mobile phones with Bluetooth function.
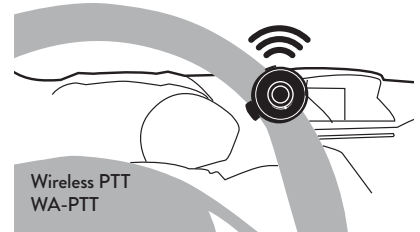
Wireless PTT
WA-PTT
Combined with a WA-Dongle, it allows you to transmit hands free without having to use the PTT button on the headsets.

2-pin transceiver
+ WA-DONGLE

+
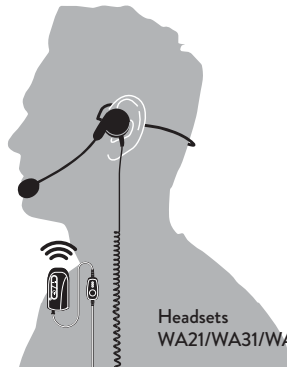
Headsets
WA21/WA31/WA29

+

Wireless PTT
WA-PTT

ADAPTERS AND WIRELESS HEADSETS

NEW
WA-DONGLE
C1199
Bluetooth adapter for Midland 2-pin radio

NEW
WA-DONGLE K
C1199.01
Bluetooth adapter for Kenwood 2-pin radio

NEW
WA-PTT
C1200
Remote PTT for WA-DONGLE

NEW
WA21
C1201
Bluetooth headset microphone with PTT for WA-DONGLE

NEW
WA31
C1202
Bluetooth microphone with air tube earpiece and PTT for WA-DONGLE

NEW
WA29
C1203
Bluetooth headset microphone with neckband and PTT for WA-DONGLE

POWER

DESKTOP CHARGERS

		R71969 R73579	Dual desktop charger	For Midland 777 and Onda
	CA-ATL/G7	C785	Dual desktop charger	For G7 XTR line
	CA-CT200/400	C849	Quick desktop charger	For Midland G14, CT210/410/710
	RC05	C663.02	Quick desktop charger	For Alan HP446 extrà
	R45	G1066	Quick desktop charger	For Alan HP450 2A
	CA-CT 790	R72767	Quick desktop charger with wall charger	For CT 790
		R73642	Desktop charger	For CT 510

WALL CHARGERS

	MW905	C887	Wall charger	For Midland/Alan777, Onda, Midland G12, G5 R1, Pacific
	MW904	C689	Wall charger	For G9/G9 Plus, G7XT/Pro, G6XT, G5XT, G8, M24-48-99
		R73643	Wall charger	For CT 510

CIGARETTE LIGHTERS

	AL777	C803	Cigarette lighter power lead	For Midland/Alan777 line, Midland G5 R1, G12, Pacific
	ALG7	C814	Cigarette lighter power lead	For Midland G9 line, G8, G7, G6, G5XT

BATTERIES

	PB-PRO	C1148	1200mAh Li-Ion rechargeable battery	For Midland G7 Pro
	PB-AA890	C1212	Empty battery pack to charge 5 type AA styles (not included)	For Midland CT890
	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, G9, Pacific
	PB-777	C783	3,7V - 650mAh Li-Ion rechargeable battery	For Midland/Alan 777 line and Onda
	PB-G10	C1126	1600mAh Li-Ion rechargeable battery	For Midland G10
	PB-G11	C967	1600mAh Li-Ion rechargeable battery	For Midland G11
	PB-G15/18	C1128	1600mAh Li-Ion rechargeable battery	For Midland G15/G18
	BP 0518	G811.03	1800mAh Ni-MH rechargeable battery	For Alan HP446 Extrà
	BP 4522	G1068	2200mAh Li-Ion rechargeable battery	For HP450 2A
	PB200/400	C846	7,4Vcc - 1200mA Li-Ion rechargeable battery	For Midland G14, CT200/400/210/410/710
		R73645	1300mAh Li-Ion rechargeable battery	For CT 510
	PB710	C1050	7,4Vcc-1600mA Li-Ion rechargeable battery	For CT 210/410/710
	PB CT 790	C931	1700mAh Li-Ion rechargeable battery	For CT 790
	PB CT 890	C1172	2600mA Li-Ion rechargeable battery	For CT 890

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 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).

USB/LIGHTER RECHARGE

NEW MP-2USB
C1195
73700
Dual USB DIN 12V adaptor (hooking handlebar). Input: DC 12V; Output: DC 5V/2A

NEW MP-ADAPTER
C1194
Din adapter 12v (BMW) with cigarette lighter socket

NEW MP-H 2USB
C1193
Power supply kit with DIN adapter (BMW) with dual USB port. Output: 5V/2A

NEW MP-H SOCKET
C1196
Cigarette lighter socket for handlebar with waterproof protection, cable 150cm and 10a fuse (hooking handlebar)

NEW MP-W ADAPTER
C1197
12V cigarette lighter/Din adapter (BMW)

ADAPTERS/CABLES

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 G7, G7 XT, G7XTR

T060 (FOR CB)
3-pole lead with fuse-holder. Length: 160 cm.
For Alan 48, Alan 68S

R73644
USB cable for CT 510

CLONING CABLE
CT 710 - CT 890
R73727
Allows you to transfer data/settings from one radio to another (not included).

BRACKETS
DASHBOARD

SPM-48 DIN
C791

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

SU 29
T452

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

SPM-78 DIN
C792

DIN bracket for Alan 78 Plus Multi B, Midland 278

SA 48
T769

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

SPM-100 DIN
C807

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

G1020.01

Dashboard kit white New Neptune

CAR/MOTORCYCLE MOUNTS
CASE

CAR/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

CASE

CS 200/400
C 845

Leather case for CT200-400, CT210-410

RADIO
ANTENNAS

G7 FLEX
C646.01

Antenna with adapter
Length: 35 cm
For Midland G7 line,
G8, G9, G14, G11,
G15, G18

R72770

Length: 9 cm
For Midland G11, G14,
G15, G18

R73197

Length: 16 cm
For Midland G11, G14,
G15

ANT200 **C847**

Antenna for CT200

ANT210 **C847.01**

Antenna for CT210

ANT410 **C848.01**

Antenna for CT410

ANT710 **C1051**
R73310

Antenna for CT510,
CT710, CT890

ANT790 **R72659**

Antenna for CT790

SPEAKERS

AU 20
T775

External speaker 5W max

EH 800
P348

External speaker 10W max

AU25E **T681.01**

External speaker 5W max.
Recommended for VHF professional
mobile transceivers Alan HM35/70/06

**ALSO
SUITABLE FOR
OUTDOOR
USE**

AU 30
T682

External speaker 12W max

MIDLAND 70-2355T
C733

External speaker 2W max
Recommended for marine VHF mobile
transceivers such as Neptune 100,
New Neptune

**ALSO
SUITABLE FOR
OUTDOOR
USE**

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

VOLTAGE REDUCERS

RDT 16/S
C787

Switching technology
AUTOMOTIVE approval no.:
10R-026171

RDT 10/A
C589

AUTOMOTIVE approval no.:
℮3 02 1049

RDT 20/S
C788

Switching technology
AUTOMOTIVE approval no.:
10R-026172
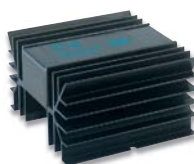
RDT 14/A
C531

AUTOMOTIVE approval no.:
℮3 02 1050

RDT 30/R
T674

AUTOMOTIVE approval no.: ℮3 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

HF AMPLIFIER

HF747
C882

HF power amplifier AM-FM-SSB-CW
(for amateur use only)

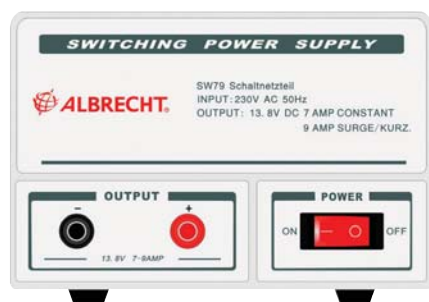| SPECIFICATIONS	
Frequency	HF
Power supply	12-14 Vcc
Current absorbed	8/10 A
Input power	0,5/10 W
Output power	100 W max
Mode	AM-FM-SSB-CW
Fuse	2 x 12 A
Size/Weight	109 x 210 x 35 mm/ 605 g

SWR METER
WATTMETER

KW 505
C1165

KW 505 is a 2-function measurement instrument that operates on 1.5 - 150 MHz frequency range to constantly monitor any antenna.
Power reading on two levels: 0-10W and 0-100W.

SPECIFICATIONS	
RF power	10W - 100W
R.O.S.	1:1 / ∞
Impedance	52 Ohm
Frequency range	1.5 - 150 MHz
Size in mm	135x60x70 mm
Weight	280 g
Connector	SO239

POWER
SUPPLIES

SW35
code 47500
SW79
code 47520

SW57
code 47510
SW102
code 47530

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

SPECIFICATIONS	SW35	SW57
Input voltage	220-230Vca-50Hz	220-230Vca-50Hz
Output voltage	13,8Vcc	13,8Vcc
Rated output current	Max 3-5A	Max 5-7A

SPECIFICATIONS	SW79	SW102
Input voltage	220-230Vca-50Hz	220-230Vca-50Hz
Output voltage	13,8Vcc	13,8Vcc
Rated output current	Max 7-9A	10-12A

MARINE
ANTENNA

AZZURRA 40
T454

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

SPECIFICATIONS	AZZURRA 40
Operating frequency (MHz)	27
Number of channels	40
Maximum applicable power (W)	50
R.O.S.min.in centre band	1:1,1
Gain	3 dB
Length (cm)	160
Impedance (Ohm)	50
Weight (g)	1000
Style material	Fiber
Antenna connection type	without PL
Lead (m)	4

CAR AND TRUCK
ANTENNAS

NEW

NEW

MP150 **C1160**	MP CHARLIE **C1162**	X-TURBO CAMFOR 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**

CAR AND TRUCK
ANTENNAS

FUNK 150	ML 145	PICCO 70C	PICCO 70S	MINI	SUPERMINI
T638.06	**T562.01**	**T638.12**	**T638.13**	**C593**	**C592**

MAGNETIC
BASES

NEW NEW

BM MP120-CHARLIE MAG C1182

Developed for the new antennas MP120 and MP CHARLIE M, it is designed to withstand high speeds. Equipped with scratch-resistant magnet-covering cap. Supplied with universal DV 27 base, already installed.

BM ML143 C1183

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

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

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.

MAGNETIC CB
ANTENNAS

NEW

NEW

NEW

KIT 210
MP120+BASE M
Antenna only:
MP120 **C1161**

KIT 211
MP CHARLIE M + BASE M
Antenna only:
MP CHARLIE M **C1163**

KIT 212
ML143 + BASE M
Antenna only:
ML143 **C1164**

KIT 007
ML145 + BM 120 PL
High power antenna with magnetic base
Ø 120 mm.

MIDLAND 18-244M
T788
Small antenna complete with lead
and connector.

LC29
C1018

LC59
C1019

LC65
C1020

VHF/UHF CAR/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**
CB BASE ANTENNA

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.

ENERGY NEW 5/8 **T242.02**
CB BASE ANTENNA

SKYLAB **T233**
CB BASE ANTENNA

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**

X30 **C614** - X50 **C615** - F22 **C619**
VHF/UHF BASE ANTENNAS

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

ANTENNAS
SPECIFICATIONS

CAR AND TRUCKS CB ANTENNAS

	MP 150	MP CHARLIE	X-TURBO CAMPER27	X-TURBO MINI	X-TURBO 60	X-TURBO 80
Operating frequency	26-28 MHz	26-28 MHz	26-28 MHz	26-28 MHz	26-28 MHz	26-28 MHz
Number of channels	120	120	120	60	200	200
Maximum applicable power	300 W	400 W	50 W	10 W	800 W (max 1500)	1000 W (max 1700)
R.O.S. min. in centre band	<1.2	<1.2	<1.2	<1.4	<1.2	<1.2
Length (cm)	167	68	114	31	160	180
Impedance (Ohm)	50	50	50	50	50	50
Weight (g)	200	190	430	260	670	690
Style material	Stainless steel	Stainless steel	Fibreglass	Steel	Steel	Steel
Antenna connection type	3 pieces	3 pieces-	PL 259	-	3 pieces	3 pieces
Hole diameter (mm)	12,5	12,5	16	10	10	10
Lead (m)	4	4	-	4	4	4

	ALAN PC 4/6/8	ALAN S9 PLUS	FUNK 90/130/150	ML 145	PICCO 70C/70S	MINI	SUPERMINI
Operating frequency	25-30 MHz	25-30 MHz	26-28 MHz	26-28 MHz	26-28 MHz	26÷28 MHz	26÷28 MHz
Number of channels	150/240/130	200	-	90	-	40	40
Maximum applicable power	400/600/800 W	300 W	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	<1.2	1.2:1	1.2:1
Length (cm)	115/160/163	155	90/130/150	146	70	680	330
Impedance (Ohm)	50	50	50	50	50	50	50
Weight (g)	450	390	160/190/200	350	180	210	130
Style material	Steel	Steel	Steel	Steel	Steel	Stainless steel	Fibre
Antenna connection type	3 pieces	DV	DV	PL	DV	3 pieces	3 pieces
Hole diameter (mm)	10	12,5	10	16	10	12,5	10
Lead (m)	4	4	4/4/4	-	4	4 with PL259	4 with PL259

MAGNETIC BASES

	BM MP120-Charlie Mag	BM ML143	BM 120 DV	BM 120 PL	BM 140 PL-B	BMU 140
Operating frequency	26-460 MHz	26-460 MHz	26-460 MHz	26-460 MHz	26-460 MHz	26-460 MHz
Max. speed	80/130 Km/h	80/130 Km/h	80/130 Km/h	80/130 Km/h	130/180 Km/h	130/180 Km/h
Base diameter	∅: 120 mm	∅: 120 mm	∅: 120 mm	120 mm	140 mm	140 mm
Weight	830 gr	940 gr	750 gr	700 gr	1.450 gr	1.450 gr
Lead	4m	4m	3m	3m	3m	-

MAGNETIC CB ANTENNAS

	KIT210	KIT211	KIT212	KIT 007	X-TURBO MINI MAG
Operating frequency	26-28 MHz	26-28 MHz	26-28 MHz	26-28 MHz	26-28 MHz
Number of channels	120	120	120	90	60
Maximum applicable power	300 W pep	420 W pep	300 W pep	400 W pep	10 W
R.O.S. min. in centre band	<1.2	<1.2	<1.2	<1.2	<1.4
Length (cm)	137	70	170	146	31
Impedance (Ohm)	50	50	50	50	50
Weight (Kg)	1,4	1,3	1,5	1,6	0,5
Style material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Steel
Attachment	Magn. base 120mm with PL	Magn. base 120mm with PL	Magn. base 120mm with PL	Magn. base 120mm with PL	∅ 65 mm
Lead (m)	4	4	4	2,9	4,5 with PL 259

	MIDLAND 18-244M	MINISTAR 27	LC29	LC59	LC65
Operating frequency	26.965-27.405 MHz	26-28 MHz	26-28 MHz	26-28 MHz	26.965-27.405 MHz
Number of channels	40	40	40	40	40
Maximum applicable power	100 W	10 W	10/30 W (peak)	30/150 W (peak)	60/300 W (peak)
R.O.S. min. in centre band	1:1,2	1:1,2	≤1.2:1	≤1.2:1	≤1.2:1
Length (cm)	66	35	29	65	115
Impedance (Ohm)	50	50	50	50	50

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.

Weight (Kg)	0,5	0,3	0,4	0,6	1
Style material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Attachment	Magn. base Ø 90 mm	Magn. base Ø 29 mm	Magn. base 68 mm with PL	Magn. base 78 mm with PL	Magn. base 120mm with PL
Lead (m)	2,75	3	4	4	4

VHF/UHF CAR AND TRUCK ANTENNAS

	NW-2000	NR-770R	NR-770S	AZ-504	M-285	M150-GSA
Operating 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

	VH 1	VH 2
Operating frequency	140:175MHz	140:175MHz
Max. power applicable	100W	100W
R.O.S. min. 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
Operating 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 RX only	120-150/300-450 MHz - 800-900 Mhz RX only	120-150/300-450 MHz - 800-900 Mhz RX only	120-150/300-450 MHz - 800-900 MHz RX only		300/800 MHz 900 MHz 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
Operating 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 RX only	120-150/300-450 MHz 800-900 Mhz RX only	120-150/300-450 MHz 800-900 MHz RX only	120-150/300-450 MHz 800-900 MHz RX only	120-150/300-450 MHz 800-900 Mhz 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	SO 239	SO 239	SO239	SO239	SO239	SO239
Styles	Aluminium	Aluminium	Aluminium	Fibreglass/steel	Fibreglass/steel	Fibreglass/steel

ANTENNAS
ACCESSORIES

GR-L **C1047**

Stainless steel mount. Size: 38x64x99mm

DOWNPIPE 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

RG58 **T633** **R73895**

3-piece lead for roof centre attachment.
Lead type: RG58 - Length: 4m
R73895 for PC antennas

GR-XL **C1048**

Stainless steel mount. Size: 38x100x180mm

SP-S INOX **T752**

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

CENTRE ROOF MOUNT **T301**

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

GR PLUS **T786**

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

SP 21 **T390**

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

R 45/58-U **T194**

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

GR-F INOX **T751**

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

DV 27 PL **T599**

Roof centre adapter DV/SO239

R 90/58-U **T193**

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

GR-S INOX **T753**

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

(1)
(2)
(3)

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

PL259/R **T292.02**

UG 255 **F076**
Connector for BNC/SO239

RG 58/AUX **T197**
Impedance:50 Ohm

PL 259/RL **T377**

RG 58/U **T199**

RG 58/H **G326**
Low loss, Impedance: 50 Ohm

SA 95 **T211**
SO239 connection RCA plug

RG 58/I **T199.03**

RG 213 **T571**
Impedance:50 Ohm

PL 259 **T205**
Connector for RG8/RG213 cable

RG 58/U BIANCO **T200**

213 U **T571.01**

NEXT
GENERATION
FEATURES*

Bluetooth™

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	2-CELL CONNECTION	GPS CONNECTION	BT REMOTE CONTROL
PMR446 BLUETOOTH CONNECTION	IPOD/MP3/ PMR446 WIRED CONNECTION	USB CONNECTION	BT SET-APP ANDROID

FOLDING ANTENNA

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 two phones, to the MP3, to the GPS navigator or other devices.

TALK 2 ALL UNIVERSAL INTERCOM FUNCTION

Midland intercoms can be paired 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.

APP CONFIGURATION

Configure your device using the dedicated Android App and update the software from the "support" section on **www.midlandeurope.com**

EXTRAORDINARY
INTERCOM

* The features listed in this page are valid for all
BTX models (BTNext Conference, BTX2 FM,
BTX1 FM)

MIDLAND
BT NEXT
CONFERENCE

Bluetooth™

Icon	Label
	CONFERENCE 4 PEOPLE
	INTERCOM ONE TO ONE 6 PEOPLE
	INTERCOM UP TO 1600 M*
	UNIVERSAL INTERCOM
	FM RADIO
	2 CELL CONNECTION
	BT SET-APP ANDROID
	WATERPROOF IPX4

FOLDING
ANTENNA

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

INTERCOM CONFERENCE

Choose between Intercom Conference (simultaneous communication for up to 4 people, BT Next Conference) or classic Intercom for up to 6 people in one-to-one communication.
Intercoms communicate in Full Duplex mode with digital quality, without noise or interference even at high speeds.

INTERCOM UP TO 1,6 KM*

The BT Next Conference range is up to 1.6 km.

TALK 2 ALL UNIVERSAL INTERCOM FUNCTION

Midland intercoms can be paired to any intercom of any brand.

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, mounting kit for all kind of helmets with screw clamp and bi-adhesive base, 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

EXTRAORDINARY
SIMPLE

MIDLAND
BTX2 FM

Bluetooth™

INTERCOM 4 PEOPLE

INTERCOM UP TO 800 M*

UNIVERSAL INTERCOM

FM RADIO

2 CELL CONNECTION

BT SET-APP ANDROID

WATERPROOF IPX4

FOLDING ANTENNA

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

INTERCOM FUNCTION UP TO 4 PEOPLE

It allows one-to-one communication between 4 people in Full Duplex mode, with digital quality, without noise or interference even at high speeds.

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, mounting kit for all kind of helmets with screw clamp and bi-adhesive base, 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

2 CELL
CONNECTION

BT SET-APP
ANDROID

WATERPROOF
IPX4

FM RADIO WITH RDS, 6 PRESETS INTERCOM FUNCTION

INTERCOM FUNCTION
UP TO 2 PEOPLE

It allows communication between rider and passenger in Full Duplex mode with digital quality, without noise or interference even at high speeds.

UP TO 10 METERS
RIDER-PASSENGER

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, mounting kit for all kind of helmets with screw clamp and bi-adhesive base, audio kit with ultra-thin speakers, wall charger.
Single pack C1142
Twin pack C1142.01

MIDLAND
BT CITY

INTERCOM 2 PEOPLE

INTERCOM UP TO 200 M**

TALK ALL 2
UNIVERSAL INTERCOM*

2 CELL CONNECTION*

BT SET-APP ANDROID*

WATERPROOF

KIT FOR SKI HELMET

KIT FOR SPORT WITH/WITHOUT HELMET

* These functions can be activated by updating the firmware on the website www.midlandeurope.com

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 R73715

PACKS AND CODES

Wired and boom microphone,mounting kit for all kind of helmets with screw clamp and bi-adhesive base, 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

EXTRAORDINARY
VERSATILE

MIDLAND
BT
REMOTE

EASY TO USE

EASY INSTALLATION

WATERPROOF
IPX4

EXTRAORDINARY
SIMPLE

INTERCOM BT REMOTE CONTROL

Midland BT Remote is an accessory designed to ensure safety and comfort on motorbikes. It is simple and easy to use: a concentrate of technology, safety and functionality.

WATERPROOF
Water resistant (IPX4 Certified).

SUITABLE FOR ALL HANDLEBARS

It can be installed on all motorcycle handlebars; it allows you to activate and control Midland BT device functions via 5 large finger-friendly buttons, without taking your hands off the handlebar (compatible with Next Generation intercoms).

PACK AND CODES

1 device, USB cable, rubber adapters for different handlebars.
Single pack C1032

MIDLAND
BTSKI
ACTION

Bluetooth

SUMMER

WATERPROOF

INTERCOM
200 M

STEREO

CELL/MP3
CONNECTION

SPEAK IN A
GROUP WITH
PMR446

IPOD/MP3/
PMR446 WIRED
CONNECTION

WINTER

SPORTS-FRIENDLY BLUETOOTH EARPHONES

WINTER INTERCOM, SUMMER INTERCOM

The smallest, most practical Bluetooth stereo device for skiers and snowboarders and/or for outdoor winter and summer sports, including biking, climbing, paragliding, etc. Talk to another BT Ski Action in Intercom mode via voice activation in a range of 200m.
Easy to use with all mobile phones with built-in Bluetooth, to listen to music and answer calls. Compatible with iPod/MP3 players and with PMR446 transceivers, 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).

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 rotating 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

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

INTERCOM & MOTO
ACCESSORIES

AUDIO KIT

	BTX LINE	BT NEXT AUDIO KIT	**C1008.01**	Standard stereo audio kit complete with speakers and 2 microphones (wire/armband). For BT Next, BTX2, BTX1 and BT City.
	BT2, BT1 BT SINGLE	BT2 AUDIO KIT	**R13083**	High performance Hi-Fi speakers.

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	**R73715**	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.

MOUNTING KIT

	BTX LINE	BT NEXT MOUNTING KIT	**C1009**	Twin helmet mounting kit with screw clamp and bi-adhesive bases. For BT Next, BTX2, BTX1
	BTX LINE		**R73470**	Single base with bi-adhesive. For BT Next, BTX2, BTX1.

	BT2 BT1 BT SINGLE	BT2 MOUNTING KIT	**R73641**	Helmet mounting kit with bi-adhesive base.

EXTERNAL MIKE CLAMP

	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.

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

CHARGERS

	BT LINE	MW BT	**R13720**	Double BT line USB wall charger.
	See page 56	ALL	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.

USB/LIGHTER RECHARGE

	MP-2USB	**73700** **C1195**	Dual USB DIN 12V adapter (hooking handlebar). Input: DC 12V; Output: DC 5V/2A
	MP-ADAPTER	**C1194**	Din adapter 12v (BMW) with cigarette lighter plug
	MP-H 2USB	**C1193**	Power supply kit with DIN adapter (BMW) for handlebar with dual USB port -Output: 5V/2A
	MP-H SOCKET	**C1196**	Cigarette lighter plug for handlebar with waterproof protection, cable 150cm and 10A fuse (hooking handlebar)
	MP-W ADAPTER	**C1197**	12V cigarette lighter/Din adapter (BMW)

RADIO MOUNTING SYSTEM FOR MOTORBIKE AND CAR

See page 57	G8E-BT, G7, G9		**KIT 161**	Kit for fastening to motorcycle handlebar, composed of clip and adjustable strap
See page 57	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.

EXTRAORDINARY
PROTECTION

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.

FASTENING/QUICK RELEASE 360° UNIVERSAL ROTATING FITTING

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

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:

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

CASES FOR SMARTPHONES

MK-HC IPHONE6
C1216

Motorcycle mount system for iPhone6 hard case.
Devices can be charged via a convenient cable guide.
Internal dimensions: 67x138,5x6,9 mm

NEW

MK-IPHONE 5
C1103

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

MK-HC IPHONE6 PLUS
C1217

Motorcycle mount system for iPhone6 Plus hard case.
Devices can be charged via a convenient cable guide.
Internal dimensions: 77,8x158,1x7,1 mm

NEW

MK-IPHONE 4
C1102

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

MK-SMART HC
C1125

Motorcycle mount system for iPhone 4, iPhone 5/5S/5C, SamsungGalaxy S3/S4/S5 hard case.
Internal dimensions: 120x64x15 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, with fastening/quick
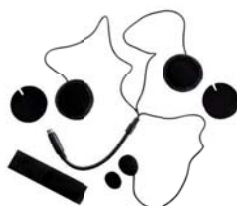release and 360° swivel, length 50cm.

RADIOS
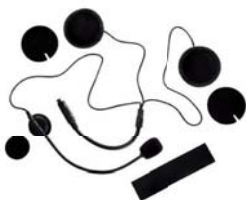# IN MOTO

TRANSCEIVER - INTERCOM CONNECTION

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

OHS500
C800

Microphone/speaker with external armband

BHS300N - 41940
BHS300U - 41939 (BT)
BHS300K - 41942 (KENWOOD)

Adapter cable for 2-pin radio with PTT (non
compatible with Midland G9 Plus and G7 Pro)

EXT300
C853

2m spiral extension cable (for speaker mike)

BT 312
C905

Adapter lead for BT Intercom/radio connection to
be used with a BHS300U, BHS300K or BHS301.

KIT FOR TRANSCEIVER - INTERCOM CONNECTION

KIT 165

Adapter cable with PTT BHS300U + Adapter lead for BT Intercom/radio connection BT312

FOR BT NEXT, BTX2, BTX1, BT CITY
compatible with 2-pin radios (Midland G6, G6XT, G7 serie, G8, G9 - not compatible with Midland G9 Plus and G7 Pro)

AUTOMOTIVE

STREET GUARDIAN CAR CAMCORDER

BLACK BOX

CYCLE RECORDING

WIDE ANGLE 140°

MOTION DETECTION

WITH GPS (STREET GUARDIAN GPS)

CD SOFTWARE

1920x1080P (30fps) 1280x720P (60fps)

12 Mp

Full HD 1080

REAL SIZE

NEW

A WITNESS ALWAYS AT YOUR SIDE

RECORD EVERYTHING THAT HAPPENS WHILE YOU DRIVE

Street Guardian is a car camera with full HD resolution designed and built to be another "eye" in your car, which automatically records everything that happens while you drive.
This can be highly useful in the event of an accident to prove who was involved and who was to blame.
Once connected to the car battery, it can be secured to the windshield with a convenient suction cup mount and it starts the recording.
An image stabilisation system ensures high quality video footage.

EXTRA-SMALL BLACK BOX AND MOTION DETECTION SYSTEM

The Black Box function automatically saves and protects any video footage in case of an accident.
The Motion Detection function will make the camera start recording whenever it detects motion in the visual field.
Thanks to its small footprint, it will not block your view as you drive.
It weighs only 80 grams!!!

GPS FUNCTION

Also available with built-in GPS, it shows where you are and follows you step by step along the way.

IN ADDITION:

Street Guardian has a built-in battery to record videos even without the car running.
Selectable Photo / Video function

PACKS AND CODES

Camcorder, car power adaptor, suction cup, 4m power cable, 8 hooks for cables,
Midland GPS Video Player software (only active for GPS Guardian Street).
Box Street Guardian C1174
Box Street Guardian GPS C1174.01

EXTRAORDINARY
WITNESS

EXTRAORDINARY
POWER

ENERJUMP
ENERJUMP WORK

BATTERY CABLES

USB PORT

CURRENT PEAK EJ 400A
EJ WORK 600A

CAPACITY
EJ 8000mAh
EJ WORK 18000mAh

LED FLASHLIGHT

BATTERY LEVEL

NEW

13 x 7,5 x 2,5 cm:
IT FITS IN
YOUR POCKET!

23 x 8,7 x 2,7 cm

YOUR ENERGY RESERVE WHEN YOU DON'T HAVE THE BATTERY YOU DESERVE

THE JUMP STARTER FOR CARS, BIKES, ATV, ETC.

Enerjump, small but powerful enough to start vehicles fitted with a 12V battery (**3000cc petrol / 2000cc diesel**).

THE JUMP STARTER FOR VANS, OFF-ROAD VEHICLES, ETC.

Enerjump Work is ideal for work vehicles with 12V battery (**5000cc petrol / 3000cc diesel**)

ENERJUMP: THE POWER BANK FOR WHATEVER DEVICE WITH A USB PLUG

Enerjump has 1 USB socket to recharge smartphones, tablets, cameras, MP3 readers. etc.
Thanks to its capacity (8000mAh), it recharges your iphone up to 3 times.

ENERJUMP WORK: IT SIMULTANEOUSLY RECHARGES 2 DEVICES WITH USB

Enerjump Work has 2 USB sockets that simultaneously recharge portable devices such as smartphones, tablets, cameras, MP3 readers, etc. Thanks to its capacity (18000mAh) it recharges your iPhone up to 6 times. It also has a 12V socket to supply fridges and other car accessories and a 19V socket to recharge your laptop.

LED TORCH AND CHARGE INDICATOR

Enerjump and Enerjump Work are fitted with a powerful LED torch and charge indicator.
In an emergency an SOS can be launched

SMART JUMP START SYSTEM™

Enerjump Work is fitted with Smart Jump Start System™ that allows automatic detection of the battery charge, protection against short circuits and polarity reversal.

PACKS AND CODES

Enerjump C1184
Enerjump, starting clamps, car 12V battery, wall supply, USB/microUSB cable, soft case.

Enerjump Work C1184.01
Enerjump Work, starting clamps with Smart Jump Start System™, car 12V battery, wall supply, USB/microUSB cable, Notebook connector set, semi-rigid case.

ENERJUMP
TRUCK

BUILT-IN BATTERY CABLES

CURRENT PEAK 1000A (12V) 500A (24V)

CHARGE LEVEL

Dimensions: 21 x 23,7 x 7,5 cm

NEW

YOUR ENERGY RESERVE WHEN YOU DON'T HAVE THE BATTERY YOU DESERVE FOR HEAVY VEHICLES

THE MOST POWERFUL JUMP STARTER FOR TRUCKS AND VANS

Enerjump Truck is the most powerful jump starters in the Enerjump family. Designed to jump start heavy vehicles, it can restart both 12V and 24V batteries (up to 11,000cc).
Its compact size and light weight allow keeping it in the cabin and move it easily thanks to the built-in handle. The chassis with shock-proof corner reinforcements and the professional clamps make it an indispensable tool for people who spend their days on the road.
Suitable to be used on: trucks, vans, off-road and agricultural vehicles, campers, boats.

SMART JUMP START SYSTEM™

Enerjump Truck is fitted with Smart Jump Start System™ that allows automatic detection of the battery charge (12V-24V), protection against short circuits and polarity reversal

CHARGE INDICATOR

Enerjump Truck is fitted with a LED charge indicator.

PACKS AND CODES

Enerjump Truck with integrated starting clamps, 12V car battery, wall supply
C1184.02

MIDLAND
ER300

AM/FM
RADIO

POWER SOURCE
DYNAMO CRUNCK

POWER SOURCE
SOLAR PANEL

LED
FLASHLIGHT

CHARGE
THE DEVICE
WITH USB

BATTERY
UP TO 25 HOURS

DOG WHISTLE
FOR RESCUE
TEAMS

NEW

THE EMERGENCY POWER BANK, WITH RECALL ULTRASONIC DOG WHISTLE, DYNAMO AND SOLAR PANEL

Frequency: 531-1629KHz (AM)
                     87,5-108MHz (FM)
Colour: Red/Black

SPECIFICATIONS

· 4 power sources: dynamo crunk, solar panel, internal Li-Ion 2000mAh battery pack or simply rechargeable batteries
· It charges external electronic devices with USB port
· Power bank with long life rechargeable battery 3,7Vdc Li-Ion 2000mAh, lasting up to 25 hours of normal use
· Also it works with 6 x AA battery power option (not included)
· Powerful flashlight with Cree® led 130L*
· SOS Morse code flashlight beacon
· Ultrasonic dog whistle useful for rescue teams
· AM/FM radio
· Digital clock
· Headphone jack
· Telescopic antenna
· Wide, bright LCD with backlight

PACKS AND CODES

Box single pack:
Radio, 2000 mAh Li-Ion battery pack,
USB/micro USB cable
code C1173

*   Cree® is a registered trademark of Cree Inc.

GEOPOINT
BOX SMS

SPY FUNCTION FOR PEOPLE, VEHICLES AND GOODS

GPS ANTI-THEFT DEVICE

TRACK ON SMARTPHONE/PC

MOTION ALARM IN A PREDEFINED AREA

SEND SMS POSITION, SPEED, ALTITUDE

SOS

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

1 localiser, 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
code C911 Geopoint white
code C911.01 Geopoint green
code 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

GPS ANTI-THEFT DEVICE

TRACK ON SMARTPHONE/PC

MOTION ALARM IN A PREDEFINED AREA

SEND SMS POSITION, SPEED, ALTITUDE

SOS

SOS BUTTON WITH 4 PREPROGRAMMED TELEPHONE NUMBERS

FIND ANOTHER GEOPOINT

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

SOS

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

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
code C912 Geopoint white
code C912.01 Geopoint green
code 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

43 YEARS OF TECHNOLOGY AND PASSION

A global leader in radio communications and electronics, the Cte International Group was founded in 1972 in Reggio Emilia, which is where the Group's headquarters and R&D centre are currently based.

Market analysis combined with a deep knowledge of the most advanced technologies, allows Cte International to operate on several fronts, from developing integrated wireless communication products to designing customised applications, through to providing expert advice and ensuring worldwide distribution.

Over the years, Cte International has implemented an ambitious international expansion plan, creating a Group of European and extra CEE subsidiaries with offices in 13 countries worldwide.
In 1995, Cte International acquired a significant share of US company Midland, a leading manufacturer of CB radios in the US market; in 2008, it fostered the creation of the Cte Digital Broadcast industrial

centre, with the aim to develop, manufacture and market analog and digital transmission systems for Radio and TV broadcasters.
Cte International is now an international Group with its headquarters in Italy, competing in global markets in the areas of radio communications, consumer technology and public and private intelligence.

OUR MISSION

Research and innovation are the cornerstones of CTE International's strategy, which have led to the creation of an internal R&D division dealing with the design and development of product lines through an expanded staff of professional researchers, engineers, consultants and designers of firmware and hardware with many years of experience in communications.

Another cornerstone of the company's strategic approach is its extreme attention to after-sales service and customer care.

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.

BUSINESS UNIT
MIDLAND RADIO

The Radio Business Unit - Midland brand - invests constantly in the research, development and design of new communication products and its latest success are the range of Mini Action Cam for filming life on the move and Automotive products. Midland is: PMR446/LPD transceivers; portable and vehicle CBs (citizen bands); marine VHFs; amateur VHFs and UHFs; Bluetooth intercoms for communication on motorcycles, for sport and free time, the ultra-high performance Mini Action Cam and, last but not least, jump starters and car camcorders.

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.
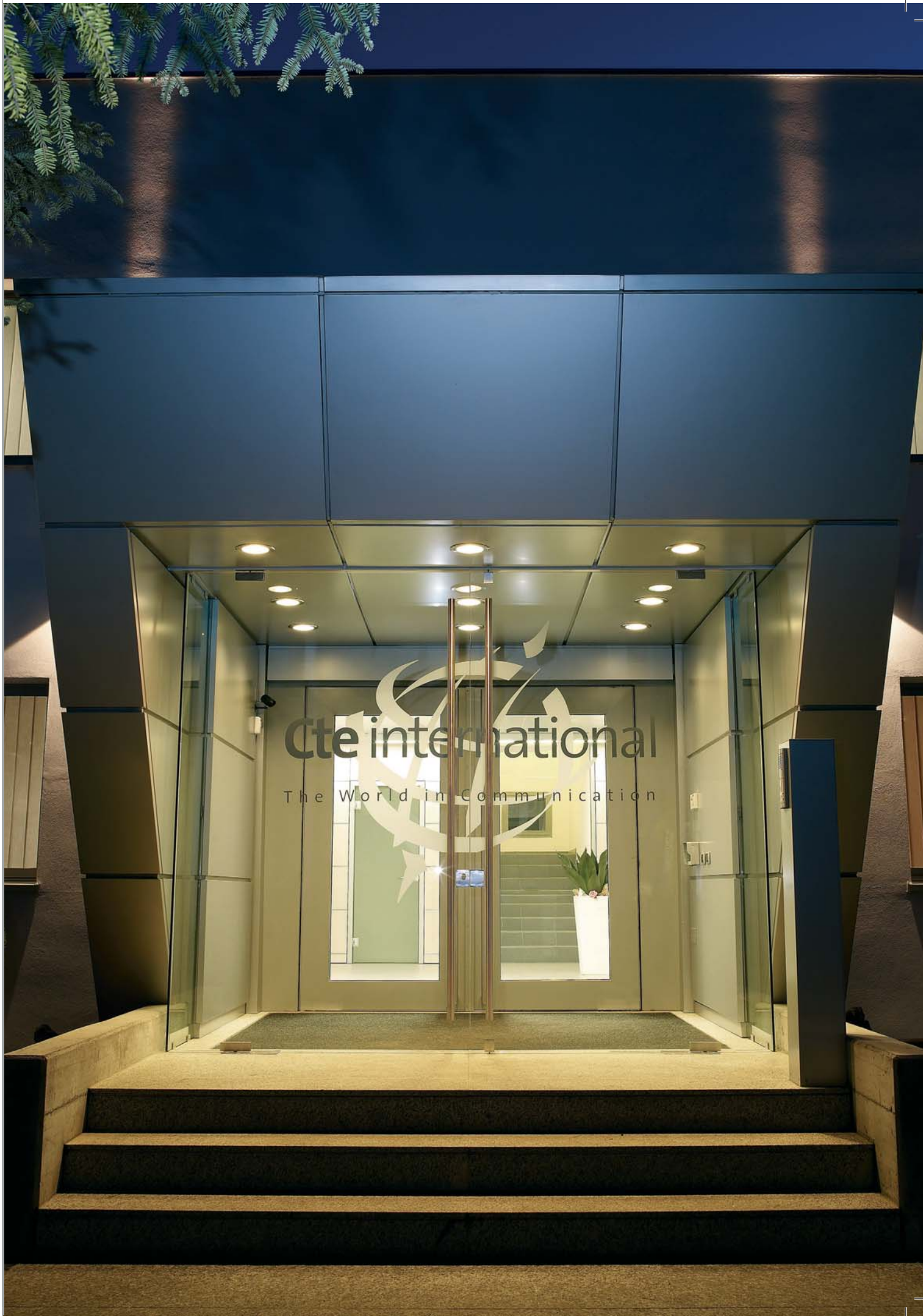
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WARRANTY

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.

CERTIFICATIONS

CERMET
SISTEMA DI GESTIONE CERTIFICATO
REG. N.1484 – A UNI EN ISO 9001:2008

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

ETSI
EUROPEAN TELECOMMUNICATIONS STANDARD INSTITUTE

ETSI: 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.

ANITEC
ASSOCIAZIONE NAZIONALE INDUSTRIE INFORMATICA, TELECOMUNICAZIONI ED ELETTRONICA DI CONSUMO
CONFINDUSTRIA

ANITEC: 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.

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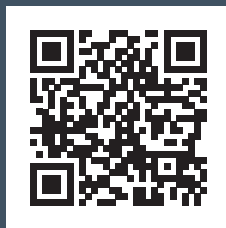
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