

# MIDLAND G8 Work and Hobby

*Dual Band portable transceiver - Waterproof IPX5*

*Rugged and compact; designed in a special package, thinking of the daily time use in work places.*



**The VALIBOX package**, contains in a functional and knocks-resistant box:

2 G8, 2 desktop chargers with the wall adaptors, 2 rechargeable battery packs, 2 car chargers 12V, and 2 amplified microphones.

*Ideal for a work team use.*

Data

Release

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**Midland G8 offers 3 new innovative features:**

**Emergency function:** just press the “Emergency” button to transmit an emergency call and talk to all the G8 within your range, even on different channels.

**Out of range function:** just press a button to send a request and check if there are other radios operating within your range.

**Vox Talk Back function:** if one radio is continuously transmitting in VOX, the Vox TB will automatically stop the transmission after 20 seconds to allow the transmission to the other users as well

**MIDLAND G8** is the latest model of Midland transceivers lines, **G series**.

It combines the latest technology in radio communication along with a sturdy mechanical frame; it's the best and effective solution for the professionals who need to stay in touch with colleagues (construction sites, buildings, hotels, trade fairs, shows) or with leisure users that just want to keep up with friends and family. Its robust frame, ease of use and simple design mean that it is ideal for use in any activity.

The waterproof protection **grade IPX5** and the Intercom plug make of **Midland G8** the ideal solution for motorbike use.

**COMPLYING TO CE/99/05**

**Colour:** Metal Grey/Black

**Full optional VALIBOX package contains:**

- n.2 radios
- n.2 desktop charger with wall adaptors
- n.2 800mAh rechargeable battery packs
- n.2 car chargers
- n.2 amplified microphones

**Data**

**Release**

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### Main features:

- Dual Band LPD/PMR
- Channels - PMR446: 8+16 stored / LPD: 69
- Tones: 38 CTCSS + 104 DCS
- Waterproof IPX5
- INTERCOM
- Emergency function
- Out of range function
- Vox Talk Back function
- VOX adjustable in 3 levels, the 4<sup>th</sup> is "the Talk Back function"
- VIBRACALL function
- Keypad lock
- Auto power save: automatic current economy circuit
- Discharged battery indicator
- Dual Watch function
- SCAN function
- CALL button with 5 tones selectable
- Monitor function
- Roger Beep: end transmission tone
- High/low power selection
- LCD display with backlight
- Jack for ext. mike / ext. speaker / battery pack recharge
- 2 Pin accessories jack

### OPTIONAL ACCESSORIES COMPATIBLE WITH MIDLAND G8

<b>PB G6/G8</b> – 800mAh NiMH battery pack	C881
<b>MW904</b> - Wall charger	C689
<b>MA24</b> - Mike with VOX/PTT switch	C517
<b>MA24-L</b> - Mike with VOX/PTT switch (L-type connector)	C517.02
<b>MA30P</b> - Mike with adjustable arm	C648.01
<b>MA30-L</b> - Mike with adjustable arm (L-type connector)	C648.03
<b>MA31</b> - Microphone with pneumatic tube	C732
<b>MA31-L</b> - Microphone with pneumatic tube (L-type connector)	C732.03
<b>MA35</b> - Headset with microphone	C652
<b>MA35-L</b> - Headset with microphone (L-type connector)	C652.02
<b>MA28</b> - Speaker mike	C559
<b>MA28-L</b> - Speaker mike (L-type connector)	C559.03
<b>MA21-D</b> - Microphone with adjustable earphone and PTT	C709
<b>MA21-L</b> - Microphone with adjustable earphone and PTT (L-type connector)	C709.03
<b>MA26</b> - Speaker mike with volume control and ear jack	C515
<b>MA26-L</b> - Speaker mike with volume control and ear jack (L-type connector)	C515.01

**Midland G8 is also compatible with all the Intercom accessories such as BPA100, OHS/BHS/CHS series, etc.**

## Technical specifications

### General

Channels	8 (PMR446), 69 (LPD)
Frequency band	446.00625 ÷ 446.09375MHz (PMR); 433.075 - 434.775MHz (LPD)
Channel spacing	12.5 KHz (PMR); 25 KHz (LPD)
Battery pack	NIMH type 4,8V - 800 mA/h
Power	500 mW ERP (PMR); 10mW ERP (LPD)
Temperature	-20°C to +55°C
Weight (w/o battery pack)	112gr
Dimensions (w/o antenna)	59 (L)x 98 (H)x32 (D) mm

### Transmitter

Modulation	FM
Spurious rejection	Within European legal terms

### Receiver

Audio output power	300mW @ 10% THD
Sensitivity @ 12dB SINAD	0.35 µV
Adjacent channel rejection	70dB
Intermediate frequencies	1°: 21.4MHz – 2°: 450KHz
Jack for ext.mike and recharge	stereo 2.5mm
Jack for ext.speaker	mono 3.5 mm