

# HA87

Handset with  
one push-to-talk button,  
LCD display and  
keypad

Article-No.:  
**2508-244-005-51**



## Product:

### Characteristics

- Graphics capable LCD display with backlight
- Fully DTMF keypad
- Integrated micro controller
- Dynamic ear capsule
- Electret microphone capsule
- Durable PEIGUM® spiral cable

### Options

- Customized plugs and cables
- Software Development Kit (SDK)
- Customized display panel and keypad
- Flame resistant housing

### Application Range

- Analog and digital radio systems
- Hand held controller for various public safety applications

### Accessories

- A8 cradle with screws

### Scope of Delivery

- Handset with PEIGUM® spiral cable
- A8 cradle with screws

## Technical Data:

### General

Housing:	Plastic PC-ABS, black
Dimensions with cradle:	Height 35 mm, Width 50 mm, Depth 160 mm
Weight:	190 g (6.7 oz)
Connection:	9-wires halogen free PEIGUM® spiral cable, shielded, Draw length max. 1.5 m, plug RJ50 10 cond.
Operating and display elements:	1 push-to-talk button, blue, 12 dialing keys, 9 function keys
Storage temperature:	-30 °C to +80 °C (-22 °F to +178 °F)
Operation temperature:	-20 °C to +70 °C (-4 °F to +158 °F)
Display:	Backlit LCD with 96 x 54 Pixels, graphics capable
Firmware:	Terminal software

### Microphone

Operating voltage (DC):	9 V to 15 V
Frequency range:	150 Hz to 8 kHz at -10 dB
Sensitivity (in LRGP):	34 mV/Pa (-29 dBV/Pa ± 3 dB)
Impedance:	110 Ω ± 20 % at 1 kHz
Directivity:	Omnidirectional

### Earpiece

Frequency range:	400 Hz to 4 kHz at -10 dB
Sensitivity	34 dBPa/V ± 3 dB (IEC 3.2 Low-Leak coupler)
Impedance:	100 kΩ ± 20 % at 1 kHz
Max. input voltage:	80 mV