

## HA57 EVO

Programmable handset HA57 EVO with one push-to-talk button, keypad and graphics-capable colour display

Article Number  
6508-008-100-51

### Characteristics

- Large operating voltage range (5 V to 32 V)
- 2.4" colour graphic display (RGB TFT LCD) with 240x320 Pixel & 64k colours
- Integrated flash memory for one application (446k flash, 64k RAM)
- Adjustment of brightness
- Full numeric keypad
- Large PTT button on the bottom side (easy handling for right and left-handed users)
- Integrated micro-controller (ARM 32-bit Cortex-M3 CPU)
- Dynamic ear capsule and electret microphone
- Microphone capsule with noise reduction
- Wear-free hook function

### Application Range

- Analog and digital radio systems
- Hand held controller for various public safety applications
- Mobile telephony (e. g. GSM, LTE)
- Control device for Satcom terminals (satellite communication)
- Communication system for railway applications

### Accessories

- A58 cradle with screws and drilling template

### Scope of Delivery

- Handset with spiral cable
- A58 cradle with screws and drilling template



### Specifications

#### General

Housing	Plastic, black
Operating voltage	5 to 32 V
Power consumption	Max. 0.8 W/ about 160 mA at 5 V (lighting + audio switched on)
Operating temp.	-25 °C to +70 °C (-13 °F to +158 °F)
Interface	UART 115200 Baud V24 level (RS232 default)

#### Microphone capsule

Amplification	Adjustable in 10x 5 dB steps (0 - 9)
Frequency range	200 Hz to 7 kHz at -10 dB
Impedance	About 100 Ohm
Sensitivity(in LRGP)	50 mV/Pa (-26 dBV/Pa ± 3 dB)   1 kHz; Default: Level 3; Output voltage: about 50 mV

#### Ear capsule

Amplification	Adjustable in 9x 3 dB steps (0 - 8)
Frequency range	200 Hz to 7 kHz at -10 dB
Impedance	About 600 Ohm
Sensitivity	12 dBPa/V ± 3 dB   1 kHz; Default: Level 1; SPL at 100 mV: About 86 dB SPL
Input voltage	Max. 100 mV

#### Dimensions & Weight

Dimensions	164 mm x 51 mm x 29 mm (without cable)
Spiral cable length	Approx. 650 mm to 3000 mm (extended)