HA57 EVO Handset

Programmable handset with one push-to-talk button, keypad and graphics-enabled colour display

Article Number

01 6508 00810051

Characteristics

- Protection class: IP40
- Large operating voltage range (5 V to 32 V)
- 2.4 inch colour graphic display (RGB TFT LCD) with 240x320 pixels and 64k colours
- Integrated flash memory for one application (446k flash, 64k RAM)
- Brightness adjustment
- Full numeric keypad
- Large PTT button on the underside (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

Scope of delivery

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

Options

- Minor modifications and individual adaptations on request

Application range

- Analogue 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

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Änderungen und Irrtümer vorbehalten. Abbildungen ähnlich.
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Accessories

- A58 cradle with screws and drilling template

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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 temperature	-25 °C to +70 °C (-13 °F to +158 °F)
Interface	UART 115200 Baud V24 level (RS232 default)
Certificates	DIN EN 50155:2018-05, DIN EN 45545-2:2016-02

Microphone capsule

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

Ear capsule

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

Dimensions and Weight

Dimensions	164 mm x 51 mm x 31mm (without cable)
Spiral cable length	Approx. 650 mm to 3000 mm (extended)
Weight	257 g (9.1 oz)

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