

HA57 SDK

Handset with one push-to-talk button, keypad, graphics-capable color display and flash memory for one customer-written application

Article-No.:

6508-002-001-51



Product:

Characteristics

- 1.8 inch color display with 262144 colors
- Integrated flash memory for one customer-written application
- Stepless adjustment of brightness
- Full numeric keypad
- Integrated microcontroller (ARM 32-bit Cortex-M3 CPU)
- Dynamic ear capsule
- 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)

Accessories

- A58 cradle with screws and drilling template

Scope of Delivery

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

Technical Data:

General

Housing:	Plastic PC-ABS, black
Dimensions with cradle:	Height 30 mm, Width 50 mm, Depth 165 mm
Weight:	245 g (8.6 oz)
Connection:	10-wires halogen free PEIGUM® spiral cable, shielded, Extension length max. 2.5 m, plug RJ50 10-pin
Operating elements:	1 push-to-talk button, 12 dialing keys, 8 function keys
Operating voltage (DC):	5 V to 14 V
Storage temperature:	-30 °C to +80 °C (-22 °F to +178 °F)
Operating temperature:	-20 °C to +70 °C (-4 °F to +158 °F)
Display:	backlit, graphics capable color LCD with 128 x 160 pixels
Interfaces:	UART 115200 Baud, V24, TTL (3 V, 5 V, OneWire)

Microphone

Amplification:	adjustable in 0.001 dB steps, up to 60 dB max.
Frequency range:	200 Hz to 4 kHz at -10 dB
Sensitivity (in LRGP):	41 mV/Pa (-28 dBV/Pa ± 3 dB)
Impedance:	200 Ω ± 5 % at 1 kHz

Earpiece

Amplification:	adjustable in 0.001 dB steps, up to 40 dB max.
Frequency range:	200 Hz to 7 kHz at -10 dB
Sensitivity:	22 dBPa/V ± 3 dB
Impedance:	560 Ω ± 5 % at 1 kHz
Max. input voltage:	80 mV