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EW-SERIES

WATERPROOF

(The IP68-rated dust-tight and water submersible radio for harsh environment)

Compact body with durable, dependable construction meets MIL STD 810 F and the large capacity of 2,150mAh Lithium Ion battery pack provides long(over 14 hours) operating time.

User: Fire Rescue Operation / Rescue Operation / Manufacturing / Security / Construction Site / Hotel / Port , etc...

- Comply with IP-68 and MIL STD 810F
- 255 Channels
- Auto VOX, Auto Squelch
- 2 Tone, 5 Tone
- Missed call list
- Emergency button
- Built-in voice scrambler
- Stun / Unstun
- All buttons are programmable
- Lone worker
- Status call

E-TECH Co., Ltd.
E-TECH

EW-SERIES VHF AND UHF PORTABLE RADIO

TECHNICAL SPECIFICATION

General

EW60	66-88MHz
EW100	136-174MHz
EW400	403-470MHz
Channel band width	12.5kHz / 25kHz selectable
Usable channel	255 channels
Battery life (5:5:90)	over 14hours with 2150mAh Li-ion battery pack
Power supply	7.4V DC
Frequency stability	±2.5PPM
Dimension (W x H x D)	52 X 104 X 33 mm
Weight with battery pack	280 g (w/ Battery)

Transmitter

RF Power	1W/5W(VHF) 1W/4W(UHF)
Spurious emissions	〈-36dBm
Hum & Noise	〈-40dB
Audio distortion	〈5% 1kHz 70% deviation

Receiver

Audio distortion	〈5% 1kHz 60% deviation
Sensitivity (at 12dB SINAD)	〈0.25uV
Squelch Sensitivity (at 6dB SINAD)	〈0.2uV
Audio output power	1000mW 20 ohm, 10%THD
Speaker size	40pi

Programmable functions

Graphic LCD
Channel Name Setting
Emergency Alert
Lone Worker
Missed Call List
Individual / Group Call
Status Call
Stun / Unstun
Scrambler
Low Battery Alert
Power Save Control
Message Displays with Power-on
Channel Scan
Priority Channel Scan
Programmable Option Buttons
Password
Group Channel Setting
LED Indicator
Button Sound on/off
Squelch Level (10 levels), Auto SQ
Reset
Per CH Monitor
Repeater / Talk Around
BCLO (Busy Channel Lock Out)
TOT (Time Out Timer)
VOX
Power Output Level (L/M/H)
Simultaneous Use w/ Int&Ext Mic
DTMF
CTCSS Encode / Decode (User Tone)
CDCSS Encode / Decode (User Tone)
Hearing Preservation (Earphone)
Microphone Gain
Key Lock
Roger
Compander
LCD Contrast

Accessories



Speaker Microphone



Earpiece with PTT Mic (for Security)

>> USB Programming Cable
>> Leather Carrying Case

Distributor / Dealer

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