



At any tough, dangerous, noisy work place,
You can connect with anyone
by EP-Series with better grip feeling, more durable body and
clear audio sound.

*'Solution for
your business'*

NEP SERIES

Security/Construction site/Manufacturing /Hotel/ Port

Comply with IP-65 and MIL STD-810F ○

Durable body ○

Easy operation ○

Fast and easy programming ○

○ 255 Channels

○ Power save mode

○ Auto vox, Auto squelch

○ Battery level Indicator

○ Individual / Group calling

○ Lone worker

○ Status call

○ User programmable button



Actual size

EP-SERIES VHF AND UHF PORTABLE RADIO TECHNICAL SPECIFICATION

General

Frequency	EP100(136-174MHz), EP400(403-470MHz)
Channel Capacity	255 CH
Channel Spacing	12.5 kHz
Power Supply	7.4 V DC
Battery Life	13 hours with 1,800mAh Li-ion Battery
Frequency Stability	±2.5 ppm
Dimensions	54 x 114 x 30 mm (Width x Height x Depth)
Weight	285g (with Battery)

Programmable function

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
Companer
LCD Contrast
S/W Version Display
A/S Center Tel Display
Battery Voltage Display

Transmitter

RF Power	1W/5W (VHF) 1W/4W(UHF)
Spurious emissions	-36dBm
Hum & noise	-40dB
Audio distortion	<5% 1kHz 60% 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@20ohm, 10%THD
Speaker size	45pi

Accessories



Speaker Microphone



Earpiece with PTT Mic (for Security)

>> USB Programming Cable
>> Leather Carrying Case



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