Specifications

CENIEDAI	
GENERAL Eroguenay Pango	1/UE-126 17/MUZ- IIUE- //// /// 52/MUZ-
Change Canadity	VHF:136-174MHz; UHF: 400-480MHz/450-520MHz
Channel Capacity	160 1 L1V~
Weight	1.51Kg
Channel Spacing	12.5kHz
Working Voltage	DC12V
	AC:110 (± 15%) or 220V(± 15%) Optional
Frequency Stability	±1.5ppm
Antenna Impedance	50 Ω
Dimensions	175(L)*175(W)*63(H)mm
TRANSMITTER	
Power Output	H: VHF:30W/UHF: 25W
	L: VHF/UHF: 10W
4FSK Modulation	12.5kHz (data only): 7K60FXD
	12.5kHz (data and voice): 7K60FXE
FM Modulation	12.5kHz: 8K50F3E
Modulation Limitation	+/- 2,5kHz @ 12.5kHz
FM Noise	-40dB
Spurious Emission	-36 0dBm≼1GHz/-30 0dBm≽1GHz
Adjacent Channel Power	≼-60dB
Frequency Response	+1/-3dB
Audio Distortion	≼3%
Vocoder	AMBE +2™
RECEIVER	
Digital Sensitivity	5% BER :0.25μV
Analog Sensitivity	0.25μV (12dB SINAD)
Intermodulation	60dB
Adjacent Channel Selectivity	70dB
Spurious Suppression	70dB
FM Noise	-40dB
Frequency Response	+1/-3dB
Audio Power	3W
Audio Distortion	3% (typical)
Conduction Radiation	-57dBm
GPS Precision	Horizontal Accuracy≼-10m (when signal is good)
TTFF (first location) Cold Boot	< 1 minute (good signal)
TTFF (first location) Hot Boot	<10 second (good signal)
ENVIRONMENT SPECIFICATIONS	
Working Temperature	-20°C∼ +70°C
Storage Temperature	-40°C ~ +80°C
otorage remperature	

Realix UK reserves the rights to change or update the specifications without any prior notice. For more information, please visit www.realix.co.uk



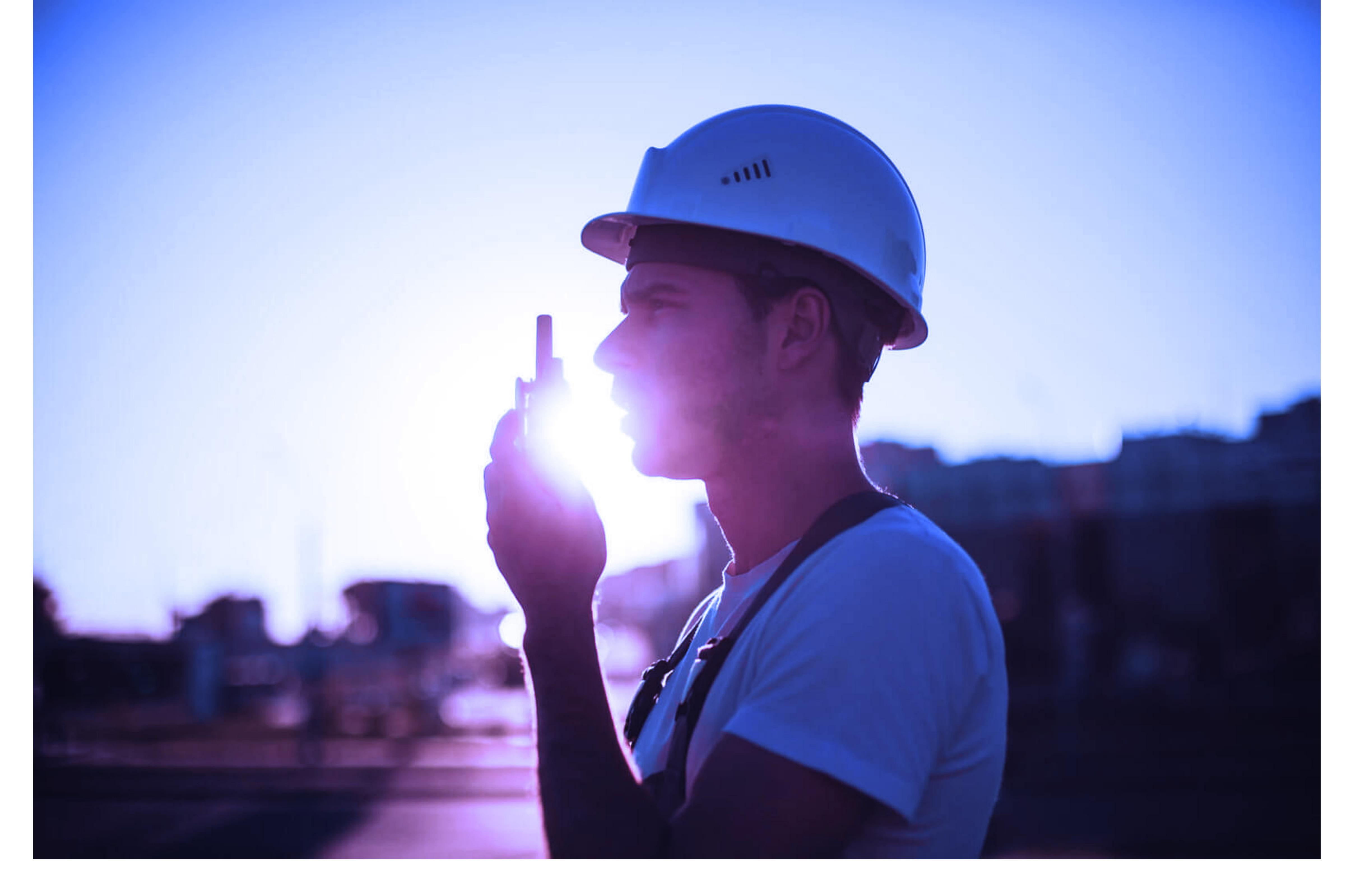
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RX-RM750

DMR Mobile Radio

Rx-RM750 Is our new single frequency repeater solution which is also able to function as a base station within a system. As a single frequency repeater, Rx-RM750 allocates one timeslot to receive a signal and the other to transmit it at the same frequency, using DMO (Direct-Mode-Operation) mode to extend radio coverage.

Base Station/Repeater Dual Modes

Extend DMO (Direct-Mode-Operation) Communication Distance

Power-on Password

Cost-effective DMR Repeater Solution





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RX-RM750 DMR Mobile Radio





Highlights

High/Low Power Switchable

You can choose between high (25W) and low (10W) power output according to the occasion. This can effectively avoid unnecessary energy consumption.

Good Heat Dispersion

The high-quality built-in fan provides sufficient airflow for operation within the specified temperature without derating, and thus enables Rx-RM750 to operate stably for long hours.

Multiple Sites via IP (Factory Options)

TRx-RM750 supports network connection via the IP port to form a private radio network, thus meeting data and voice communication needs for wide coverage and dispersed locations.

Repeater Power Backup (Optional)

With DC/AC dual power sources, when DC power supply is unplugged, the device automatically turns on to an AC power source. The two auto-switchable power sources serve as each other's backup, thus delivering more flexibility and stability.

Analog/Digital Back-to-Back Interconnect (Optional)

Rx-RM750 supports different operation modes of analog and digital to interconnect for voice crosspatch, allowing analog users to communicate with digital users and vice versa .This delivers a smooth transition from analog to digital.

Features

- 160 Channels
- Good Heat Dispersion
- 25W High Power
- 2/5 Tones
- Colour Code





Single Frequency Repeater Mode on 2 Time Slots

Single Frequency Repeater



Standard Accessories











Hang Buckle

Platform Support

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