

ARROTOP[®] PROFESSIONAL FM TRANSCEIVER

PX-558/568/578

Professional dust-proof waterproof IP67

Time out timer / PTT ID transmit mode optional

- Support non-standard CTCSS input
- High/Low Power Selectable
- Emergency call
- MIL-STD-883C/D/E/F/G



PX-558

PX-568

PX-578

ARROTOP[®]

Professional dust-proof waterproof IP67

- Side buttons programmable:
 - Optional signaling call / Sending 1750Hz signal /sending 1450Hz signal/Send 2315Hz signal /Talk about/Monitor
- Adjustable high and low power
- 50 CTCSS/105 DCS switchable
- Emergency alarm function
- Optional signaling call
- DTMF/5-Tone/MSK option
- VOX voice function 0-9 adjustable
- 128 channels(256CH option)
- Scrambler available 8 groups
- ANI identification code / PTT ID / TOT emission limit
- 3 kinds of scan mode: TO / CO / SE
- English Voice Annunciation
- All-channel/priority channel scan
- Three backlight optional
- Repeater function
- Wide/narrow band optional

MODEL	PX-558	PX-568	PX-578
General			
Frequency range	136-174MHz 400-470MHz or 450-520MHz	136-174MHz 400-470MHz or 450-520MHz	136-174MHz 400-470MHz or 450-520MHz
Operating temperature range	-20℃~+50℃	-20℃~+50℃	-20℃~+50℃
Rated Voltage	DC 7.4V	DC 7.4V	DC 7.4V
Work mode	simplex or half-duplex	simplex or half-duplex	simplex or half-duplex
Size	110 x 50 x 35mm (exclude antenna)	110 x 50 x 35mm (exclude antenna)	110 x 50 x 35mm (exclude antenna)
Weight	About 226.7g (include battery pack)	About 226.7g (include battery pack)	About 226.7g (include battery pack)
Antenna Impedance	50 Ω	50 Ω	50 Ω
Transmitter (Wide/Narrow)			
The carrier frequency tolerance	± 2.5ppm	± 2.5ppm	± 2.5ppm
carrier output power	UHF:4.2 ± 0.5W VHF:4.8 ± 0.5W	UHF:4.2 ± 0.5W VHF:4.8 ± 0.5W	UHF:4.2 ± 0.5W VHF:4.8 ± 0.5W
Modulation limit	≤ 5KHz / 2.5KHz	≤ 5KHz / 2.5KHz	≤ 5KHz / 2.5KHz
Audio distortion	≤ 3%	≤ 3%	≤ 3%
Modulation characteristics	+3dB~-3dB	+3dB~-3dB	+3dB~-3dB
Adjacent Channel Power	≥ -70dB/-60dB	≥ -70dB/-60dB	≥ -70dB/-60dB
Occupied Bandwidth	≤ 16KHz	≤ 16KHz	≤ 16KHz
Receiver (Wide/Narrow)			
Reference sensitivity	<0.2 μ V	<0.2 μ V	<0.2 μ V
Audio Distortion	≤ 5%	≤ 5%	≤ 5%
Audio respond	+3dB~-3dB	+3dB~-3dB	+3dB~-3dB
Adjacent Channel Selectivity	≥ 70dB/60dB	≥ 70dB/60dB	≥ 70dB/60dB
Intermodulation reject	≥ 65dB	≥ 65dB	≥ 65dB
Blocking characteristics	≥ 85dB	≥ 85dB	≥ 85dB

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