PT6808

TRUNKED MOBILE RADIO

SPECIFICATIONS

General

Frequency range	350 ～ 390MHz
Control channels	6X64
Conventional channels	6X32
Channel spacing	25 kHz / 12.5 khz
Operating temperature	-30℃ ~+60℃
Antenna impedance	50Ω
Microphone impedance	2kΩ
Dimension (W×H×D)	140mm×40 mm×145 mm
Weight	895g

Receiver

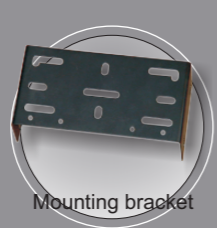|	
Sensitivity (12dB SINAD)	0.25μV（W）/ 0.35μV（N）
Operating band width	±7kHz(W)/ ±3.5kHz（N）
Adjacent channel selectivity	≥75 dB（W）/ ≥70 dB（N）
Intermodulation reject ratio	≥75 dB（W）/ ≥70 dB（N）
Spurious response reject ratio	≥75dB
AF output power	2000mW (8Ω, distortion less than 5%)
Frequency stability	±2.5ppm
Audio response	+2/-6dB

Transmitter

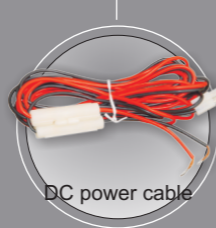|	
RF power	25W/5W
Modulation type	16K0F3E, 15K0F2D /11K0F3E, 10K0F2D
Spurious and harmonics	≤-75 dB
FM noise(300~3000Hz)	≤ -45 dB(W)/ ≤ -40 dB(N)
Audio distortion(300~3000Hz)	≤3%
Maximum frequency deviation	±5kHz(W)/ ±2.5kHz(N)
Audio response	±3dB

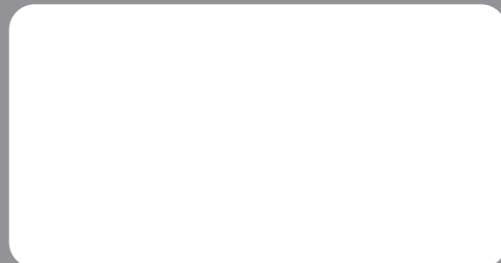## Standard accessories

Speaker-Microphone   Mounting bracket   DC power cable

For more information, please contact:

ISO 9001:2000
ANSI·RAB QMS
Registered Company ACCREDITED
TÜV
TUV Rheinland of North America
TÜV CERT
DIN EN ISO 9001
Certificate: 01 100 029408
www.tuv.com
TÜV
TUV Rheinland
ID: 9105025465

PT6808 Trunked Mobile Radio

Welcome
Kirisun

- Customized Menu & ID Enquiry
- Programmable Button
- Passwords Assure Data Security
- Big Storage Memory
- Software Upgradable
- Channel Spacing Programmable
- Battery & Signal Strength Indicator
- Voice Compander
- Backlight Keypad & Large Screen
- Durable & Rugged

MPT Trunking
MPT1327/1343
MAP27

PT6808
TRUNKED MOBILE RADIO

Kirisun,
your smart choice.

CONVENTIONAL FUNCTIONS

6×32 Groups of Talk Around Channels
The channel name is in character or number convenient for your selection.

CTCSS/DCS
Built-in CTCSS/DCS encoder/decoder prevents interference in the same frequency and initiates repeater and selective calls.

Busy Channel Lockout
Transmitting signal is prohibited when the channel is busy.

TOT
Time-out timer can stop the transmitting automatically by presetting time limit to avoid any damage caused by long-time continuous transmission.

Channel Scanning
Channel scanning provides real-time receiving when using more than two channels.

Conform to MPT1327 Signaling Protocol and MPT1343 Performance Specification

Rapid Scanning
Multi-scanning in different setting helps the radio search out the base station quickly.

Emergency Call
Highlighted orange emergency button enables immediate call for help under critical circumstances.

Dynamic Grouping
The base station can quickly group radios as a new team by remote control, which enables the members of this dynamic group to communicate with each other while necessary.

Remote Killing
The base station can give remote killing order to the lost or stolen radio to prohibit its operating.

Reactivating
The base station can reactivate the remote killed radio to normal operation.

Short Message
6× 32 groups of short message memory provide you convenient message enquiry.

Dialed Number Memory
Re-dial button can dial 6× 10 groups of the last dialed numbers, which can be reserved in the event of a power fail.

Optional Calling Range
Activate the calling range limitation to avoid unnecessary

EXCELLENT AND ADVANCED TRUNKED FEATURES

PT6808
TRUNKED MOBILE RADIO

SPECIAL FEATURES

Customized Menu & ID Enquiry
6 sets of ID number and system parameters can be checked according to enquiry authorization, which can be set as you like.

Programmable Button
Programmable buttons on the speaker-mic is more convenience in operating.

Passwords
Up to 8-digit power-on password，data-editing password and PC programming password guard against unauthorized use and assure data security on your radio.

User-friendly Menu
You can program the option menu and shortcut keys for you convenience.

Big Storage Memory
6×120 groups of built-in names.
6× 64 groups of control channels are compatible with various network systems.

6× 64 groups of system codes in charactical or numeric names are convenient for you to manually select a base station.

6×20 groups of channel schemes are suitable for complex multi-frequency system.

Software Upgradable
The software of independent intellectual property right provides upgrade service according to users' demands.

Channel Spacing Programmable
Channel spacing of 25 kHz or 12.5 kHz is programmable by PC software.

Battery & Signal Strength Indicator
The signal strength and battery capacity can be shown real time.

Voice Compander
Advanced voice compander technology provides high voice quality.

Backlight Keypad & Large Screen
Easy operation in darkness is available with backlight keypad.

32× 128 screen of all dot martix + special character can display the user menu in Chinese and English.

Durable & Rugged
Design according to MIL-STD-810C/D/E standard assures waterproof, dustproof and high/low temperature resistance.

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