



PT4200 Series

VHF/UHF Portable radios

Main Features:

- Cost-effective
- Instant Communication
- Excellent Design; Exceptional Durability
- High Quality Audio Output



Attractive Points

- Channel Number Annunciation
- Emergency Call
- Save Battery
- Build in CTCSS/DCS
- Flash Memory, Software Can Be Upgraded
- Busy Channel Lock-Out

Main Functions

▶ Channel Number Annunciation

The current channel number will be heard by pressing the channel annunciation button or switching the channel knob.

▶ Emergency Call

Press and hold the Emergency Button over 2 seconds and the radio will transmit emergency call or sound continuously at highest volume.

▶ Build-in CTCSS/DCS

Build-in CTCSS/DCS help to segregate talk groups so users only hear traffic from other co-groups users in their own group. This helps to reduce confusion and keeps the lines of communication clear.

▶ Busy Channel Lockout (BCLO)

To facilitate efficient channel management, the PT4200 provides BCLO features to avoid interference with the users using the same channel by preventing transmission if another talk group is already on the air.



ACHIEVED ISO 9001:2000 CERTIFICATION

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Extra Functions

▶ Channel Scanning

Channel scanning provides users with an easy way to monitor multiple channels for activity.

▶ Save Battery

To maximize battery life, PT4200 will go into save battery mode seconds after there is no signal or no operation.

▶ Upgradable Software

Software can be upgraded when new function added.

▶ Radio To Radio Clone

For quick programming of PT4200 radios for fleet use, this function allows copying of all channels and other configuration data from one PT4200 to another, using the optional clone cable.

▶ Low Battery Warning

When the battery power goes below a certain value in transmitting, LED flashes red and warning tone sounds then radio will stop transmitting.

Main Specifications


General		
Frequency range	420~470MHz	*400~450MHz
	*470~512MHz	*136~174MHz
Channels	16(15+S)	
Channel Space	25KHz(W)/12.5KHz(N)	
Operation Temp.	-25℃~+55℃	
Antenna Impedance	50 Ω	
MIC Impedance	2K Ω	
Dimension(W×H×D)	56.5×102×29.5mm	
Weight	120g(Body);235g(With Battery&Antenna)	

Receiver	
Sensitivity(12dB SINAD)	≤0.35uV
Adjacent Channel Selectivity	≥70dB(W)/ ≥60dB(N)
Intermodulation Reject Radio	≥65dB
AF Output Power	500mW(4 Ω Distortion Less Than 5%)
Transmitter	
RF Power	4W
Modulation Type	16KOF3E(W)/11KOF3E(N)
Spurious And Harmonics	≤-70dB
Residential FM(300~3000Hz)	-45dB(W)/-40dB(N)
FM Distortion(300~3000Hz)	≤5%
Frequency Stability	±2.5ppm
Max. Frequency Deviation	±5KHz(W)/ ±2.5KHz(N)

Standard Accessories



KB-58A
Lithium Polymer 1200mAh Battery Pack



KBC-58L
Desktop Rapid Charger



KTC-58E
Adapter



VHF/UHF Antenna

Optional Accessories



KB-58L
Li-Ion 1000mAh Battery




KB-42A
Lithium Polymer 1200mAh Battery




KBC-06A
Universal Rapid Charger



KSPL-02
Program Cable




KPT-05
Leather Case




KPT-06
Leather Case



KME-005
Earpiece



KME-001
Headset



KME-H20
Handhold Mic