

Standard accessories

The standard accessories supplied for the radio have a variety of specification options adaptable to different countries and regions.



Optional Accessories:



PT6500

SPECIFICATIONS

General

Frequency Range	136~174MHz 400~470MHz 350~400MHz 450~520MHz
Channel Capacity	128
Channel Spacing	12.5KHz/20KHz/25KHz
Frequency Stability	2.5ppm
Operating temperature	-25°C ~ +55°C
Operating voltage	7.5V DC ±20%
Dimension(with antenna&battery)	56mm × 120mm × 35mm
Weight(with antenna&battery)	310g
Battery	Li-poly 1700mAh

Transmitter

RF Power	4W/2W/0.5W(UHF) 5W/2W/0.5W(VHF)
Frequency modulation	16KΦF3E/11KΦF3E
Antenna Impedance	50Ω
Modulation Limiting	±2.5KHz@12.5KHz, ±4KHz@25KHz ±5KHz@25KHz
Modulation Distortion	< 5%
Radiated Spurious Emission	-36dBm < 1GHz/-30dBm > 1GHz
FM Noise	-40dB @ 25KHz/-35dB @ 12.5KHz
Adjacent Channel Power	-60dB @ 12.5KHz/-70dB @ 20/ 25KHz

Receiver

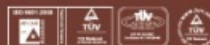
Reference Sensitivity	0.28μV@12.5KHz 0.25μV@20/25KHz typical
Operating Bandwidth	W ≥ ±7 N ≥ ±3.5
First IF of Receiver	51.65
Second IF of Receiver	450
Adjacent channel Selectivity	60dB @ 12.5KHz 70dB @ 20/25KHz
Intermodulation Rejection	65 dB
Spurious Response Rejection	70 dB
Rated Audio Power	1W
Rated Audio Distortion	5%
FM Hum&Noise	40/35

NOTICE: The specifications may be subject to change without notice due to advancement in technology, for more detailed information, please contact KIRISUN Electronics [Shenzhen] Co., Ltd.

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KIRISUN

PT6500

The Fully Featured Professional VHF/UHF Portable Radio



- Enhanced 2-Tone/5-Tone/DTMF
- Remote Kill/Stun/Activate/Revive
- Call/Contact List
- Password Protection
- Full Keypad and Large LCD
- Lone Work
- Status Display
- Man Down (Optional)

KIRISUN Your smart choice!

The Fully Featured Professional VHF/UHF Portable Radio

www.kirisun.com



KIRISUN PT-6500 portable radio is an essential tool for growing organizations because of its unique versatility. Whatever your profession, this is the radio that grows with you.

This radio offers a full menu of advanced signaling features, including paging or calling selective radios or groups. Users can store information such as phone numbers, call lists and radio IDs for easy access.

With KIRISUN latest technology, audio clarity is super even in noisy surroundings. The large LCD display is extremely helpful in large communication networks and critical situations.

The radio of choice is PT6500. It's the radio that changes in accordance with your needs.

ADVANTAGES

- **Programmable keys**
Up to 7 programmable keys are available for most functions on the PT-6500, permitting a customized fit for specific users.
- **Tough and rain resistant**
Built tough to take rough treatment, the PT-6500 has passed the IP54 rain resistance tests. It also meets or exceeds MIL-STD 810 C/D/E environmental standards.
- **Multiple signalings and flexible Selective Call**
Use the built-in CTCSS, DCS, DTMF, 2-Tone and 5-Tone capability to set up user's own talk groups and quiet standby when others are talking. Special tone code for group and individual calls, and more features are available to support flexible, perfect selective calling operations.
- **Embedded Radio Information and Multiple Password Protection**
The radio offers reading and power on password to protect the privacy and prevent unauthorized cloning of radio data.

- **Enhanced 2-tone or 5-tone**
Up to 16 2-Tone/5-Tone codes can be decoded on a channel. When a matched tone is received, various preprogrammed actions as beep, answer back, stun, LED blink could be activated. Even missed call notice and call transfer are optional for upgraded version.
- **Versatile Scanning Features**
Customizable Scan Template for each channel allows up to 16 different scan lists for convenient administration in large work group. Auto-Scan and Vote features (optional) are helpful for monitoring on multiple channels. The PT-6500 series offers both standard and Priority Scan modes. Call Back allows immediate response to a received call without having to manually search or change channels.
- **Lone Work & Man Down(Optional)**
The radio enters emergency mode if the user does not respond to a warning call (Lone Work) or put the radio vertically (Man Down), adding security and safety for individuals who work remotely and lonely.
- **Optimum Audio**
The equipped 1000mW speaker offers loud and clear audio output.
- **Audio Componder**
The built-in audio compander reduces noise and provides clear reception even in narrow band use.
- **Voice Scrambler**
A voice-inversion scrambler provides basic communications security against casual eavesdropping.
- **VOX (Voice Operated Transmission)**
Built-in VOX allows hands-free transmission on the radio when using the appropriate earphone/headset.
- **Remote Kill/Stun/Activate/Revive**
If the radio is killed or stunned, all attempts on operation by user, except power on/off, will be ignored. The radio will be activated or revived only when it received the correct code.



GENERAL FUNCTIONS

- **Talk Around**
The Talk Around feature allows a user reset the RX and TX frequency as same and offers the possibilities of communication among radios in system without repeater.
- **Wired and Wireless Clone**
For quick programming of PT-6500 radios for group use, the Clone feature allows copying of all channel and other configuration data from one radio to another by the optional Cloning Cable or other radios in wireless clone mode .
- **OTHERS**
 - PC programmable and tunable
 - Manually Programmable and Calibrable
 - Embedded radio information
 - Personalized Alert tone and volume
 - Keypad lockout and backlit
 - BCL (Busy Channel Lock-out)
 - TOT (Time-out Timer)
 - Battery capacity Indicator
 - Power-save mode.
 - Customable Monitor Activation
 - Emergency Alarms

