

KIRISUN

PT 8200

Professional Mobile Radio

Professional mobile with large LCD and enhanced signaling features, possible for second development in various customized application.

Rugged and Reliable Structure

15 Pin Auxiliary Port

Over-heating Protection

Enhanced Call Function

GPS (Optional)



Reliable Communication



PT8200 PROFESSIONAL MOBILE RADIO

KEY FEATURES

• Rugged and Reliable Structure

Its rugged and reliable structure assure your durable use in any harsh conditions.

• Versatile Signaling

Use the built-in 2-Tone, 5-Tone, CTCSS and DTCSS, MDC, KDC, DTMF capabilities as standard, it is flexible to meet different needs of users and support dispatching management.

• Powerful Audio

Built-in 5W internal and 13W external speaker and kirison compander technology employment ensure you a clear and crisp voice even in noisy environment.

• 15 Pin Auxiliary Port

Built-in 15 pin auxiliary port for second development use, such as GPS, Ignition, back-to-back repeater, external emergency in, channel change and so on.

• 6 Programmable Keys

6 programmable keys allow you to customize your radio with choices of OST, power level set, emergency, squelch level set, scrambler, voice expander, lone worker, VOX level set, horn alert, talk around and so on.

• Multiple Emergency Mode

For enhanced user safety, lone worker, security check are designed on this radio. It requires the user to reset the radio at a predetermined interval, if not, the radio will automatically enter into emergency mode to ask help. During emergency, ENI & background and emergency alarm could be sent to dispatching center and partners.

• Over-heating Protection

In case of long time transmission at high power and the temperature exceeds preset value, the radio will automatically switch to mid power or low power to avoid over-heating. The over-heating temperature could be set by customer.

• Enhanced Call Function

Enhanced call management function includes emergency, PTT ID, call alert, radio check, kill/active, stun/revive, security inquire, private call, group call, message, status and so on.

• GPS (Optional)

GPS function supported by control center and management software, allows users to be located instantly, either to dispatch among groups or to locate an emergency call. Allowing more efficient use of resources or positioning location in life-threatening situations.

PT8200 SPECIFICATIONS

General

Frequency Range	136~174MHz, 300~350MHz, 350~390MHz 339~390MHz, 400~470MHz, 450~520MHz
Channel Capacity	512
Channel Spacing	12.5KHz/20KHz/25KHz
Frequency Stability	±2.5ppm
Operating Temperature	-30℃ ~ +60℃
Operating Voltage	13.6V DC ±20%
Dimension(H×W×D)	170x170x52mm
Weight(with antenna&battery)	1690g

Transmitter

RF Power	45W/25W/5W(UHF), 50W/25W/5W(VHF)
Frequency Modulation	16KHz F3E/11KHz F3E
Antenna Impedance	50Ω
Modulation Limiting	±2.5KHz@12.5KHz, ±4KHz@20KHz ±5KHz@25KHz
Modulation Distortion	<3%
Radiated Spurious Emission	-36dBm <1GHz / -30dBm >1GHz
FM Noise	45dB@25KHz/ 40dB@12.5KHz

Receiver

Reference Sensitivity	0.28μV@12.5KHz, 0.25μV@20/25KHz
Adjacent Channel Selectivity TIA	60dB@12.5KHz, 70dB@20/25KHz
Intermodulation Rejection	65dB
Spurious Response Rejection	70dB
Rated Audio Power	4W
Rated Audio Distortion	≤3%
FM Hum&Noise	45/40

NOTICE: Kirison reserves the right to change any specifications without warning due to the technology improvement. For more information, please visit www.kirison.com or contact marketing.os@szkirison.com

STANDARD ACCESSORIES



KTC-215



Mounting bracket



DC Power cable



Kirison Communications Co., Ltd.

FC CE ISO9001:2008 Accredited Designer & Manufacturer

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