



IDEAL COMMUNICATION SOLUTION FOR YOUR BUSINESS

MOTOTRBOTM Xir P8260/P8268/P8200/P8208 Portable radios

Motorola is a company of firsts with a rich heritage of innovation. We continue to invent what's next – connecting people, delivering mobility and making technology personal. Versatile and powerful, MOTOTRBO combines the best in two-way radio functionality with digital technology, making it the ideal communication solution for your business. You get enhanced features, increased capacity, integrated data applications, exceptional voice quality and extended battery performance. This means more productive employees and lower operating costs for your business.

- Integrates Voice and Data into one device to increase your operational efficiency and support integrated applications including MOTOTRBO Text Messaging Services. Also features an integrated GPS module for use with third-party location tracking applications.
- Uses Time-Division Multiple-Access (TDMA) digital technology to provide Twice The Calling Capacity (as compared to analog or FDMA radios) for the price of one frequency license. A second call doesn't require a second repeater, saving you equipment costs.
- In digital mode, provides Clearer Voice Communications throughout the coverage area, as compared to analog radios, rejecting static and noise.
- Offers **Enhanced Battery Life**. Digital TDMA two-way portable radios can operate up to 40 percent longer between recharges compared to typical analog radios.

- Meets **Demanding Specifications** IP57 for submersibility in water (portable models), U.S. Military 810 C, D, E and F, and Motorola standards for durability and reliability.
- Is **Intrinsically Safe***, when purchased and equipped with an FM battery, and can be used in locations where flammable gas, vapors or combustible dust may be present.
- Utilizes Motorola's **State-Of-The-Art IMPRES™ Technology** in batteries, chargers and audio accessories, providing longer talk time and clearer audio delivery.
- Features the Transmit Interrupt Suite* voice interrupt, remote voice dekey, emergency voice interrupt – to help prioritize critical communication exactly when needed.
- The IP Site Connect* digital solution uses the Internet to extend coverage of your MOTOTRBO communication system to users anywhere in the world for dramatically improved customer service and increased productivity.
- **Capacity Plus*** is a scalable, singlesite digital trunking solution that can expand the capacity of your MOTOTRBO communication to over a thousand radio users without adding new frequencies.
- Motorola's Application Developer Program enables the development of customized data applications that adapt MOTOTRBO radios to meet the unique needs of your business.

MOTOTRBO™ PORTABLE RADIO

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-30 dBm > 1 GHz and < 4GHz	ransmitter requencies hannel Spacing requency Stability -30° C, +60° C, +25° C) ower Output ow Power igh Power fodulation Limiting	1W	12.5 kHz / 25 kHz +/- 1.5 ppm (XiR P8260) +/- 0.5 ppm (XiR P8268) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz	1W	1W	12.5 kHz/ 25 kHz +/- 1.5 ppm (XiR P8200) +/- 0.5 ppm (XiR P8208) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz	1W	
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-70 dB @ 25 kHz -70 dB @ 25 kHz udio Bisponse +1,-3 dB udio Distortion 3% Modulation 3% 125 kHz 11K0F3E 25 kHz 16K0F3E 25 kHz 16K0F3E 25 kHz 10K0F3E 25 kHz 12.5 kHz 12.5 kHz 12.5 kHz 13.6 kD 12.5 kHz 13.7 kD 25 kHz 13.8 kD 12.5 kHz 13.9 kD 12.5 kHz 13.0 kD 12.5 kHz 14.0 kD 12.5 kHz 15.0 kD 12.5 kHz 15.0 kD 12.5 kHz 15.0 kD 12.5 kHz <td>ransmitter requencies 'thannel Spacing requency Stability 30° C, 40° C, +25° C) 'ower Output ow Power ligh Power Aodulation Limiting M Hum and Noise</td> <td>1W</td> <td>12.5 kHz / 25 kHz +/- 1.5 ppm (XiR P8260) +/- 0.5 ppm (XiR P8268) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 12.5 kHz -40 dB @ 12.5 kHz -45 dB @ 25 kHz -45 dB @ 25 kHz</td> <td>1W</td> <td>1W</td> <td>12.5 kHz/ 25 kHz +/- 1.5 ppm (XiR P8200) +/- 0.5 ppm (XiR P8208) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz -45 dB @ 25 kHz -36 dBm < 1 GHz</td> <td>1W</td>	ransmitter requencies 'thannel Spacing requency Stability 30° C, 40° C, +25° C) 'ower Output ow Power ligh Power Aodulation Limiting M Hum and Noise	1W	12.5 kHz / 25 kHz +/- 1.5 ppm (XiR P8260) +/- 0.5 ppm (XiR P8268) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 12.5 kHz -40 dB @ 12.5 kHz -45 dB @ 25 kHz -45 dB @ 25 kHz	1W	1W	12.5 kHz/ 25 kHz +/- 1.5 ppm (XiR P8200) +/- 0.5 ppm (XiR P8208) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz -45 dB @ 25 kHz -36 dBm < 1 GHz	1W	
udio Response +1, -3 dB udio Distortion 3% Modulation 12.5 kHz: 11K0F3E 25 kHz: 11K0F3E 12.5 kHz: 11K0F3E 25 kHz: 11K0F3E 25 kHz: 11K0F3E 25 kHz: 11K0F3E 12.5 kHz Data & Voice: 7K60FXD 12.5 kHz Data & Voice: 7K60FXE 12.5 kHz Data & Voice: 7K60FXE 12 figital Protocol ETSI-TS102 361-1 Ersitrist 12 colspan="2">Ersitrist 12 colspan="2">Ersitrist 2 colspan="2">Ersitrist 2 colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan= 2 colspan= 2 colspan="2">Colspan= 2 colspan= 2 colspa= 2 colspan= 2 colspan= 2 colspan= 2 colspan= 2 colspan=	ransmitter requencies channel Spacing requency Stability -30° C, +60° C, +25° C) ower Output ow Power ligh Power Addulation Limiting M Hum and Noise conducted / Radiated Emission	1W	12.5 kHz / 25 kHz +/- 1.5 ppm (XiR P8260) +/- 0.5 ppm (XiR P8268) 1W 4W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 12.5 kHz -40 dB @ 12.5 kHz -45 dB @ 25 kHz -36 dBm < 1 GHz -30 dBm > 1 GHz and < 4GHz	1W	1W	12.5 kHz/ 25 kHz +/- 1.5 ppm (XiR P8200) +/- 0.5 ppm (XiR P8208) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz -45 dB @ 25 kHz -36 dBm <1 GHz -30 dBm > 1 GHz and <4 GHz	1W	
udio Distortion 3% 3% M Modulation 12.5 kHz: 11K0F3E 12.5 kHz: 11K0F3E 25 kHz: 16K0F3E 25 kHz: 16K0F3E 12.5 kHz Data 0nly: 7K60FXD 12.5 kHz Data 0nly: 7K60FXD 12.5 kHz Data & Voice: 7K60FXE 12.5 kHz Data 0nly: 7K60FXD 12.5 kHz Data & Voice: 7K60FXE 12.5 kHz Data 0nly: 7K60FXD 12.5 kHz Data & Voice: 7K60FXE 12.5 kHz Data 0nly: 7K60FXE gital Protocol ETSI-TS102 361-1 Excuracy specs are for long-term tracking (95th percentile values > 5 statellites visible at a nominal -130 dBm signal strength) Operating Temperature -30° C / +60° C Straig Temperature -30° C / +60° C Time To First Fix I Not Start Straig Temperature <t< td=""><td>ransmitter requencies channel Spacing requency Stability -30° C, +60° C, +25° C) ower Output ow Power ligh Power Addulation Limiting M Hum and Noise conducted / Radiated Emission</td><td>1W</td><td>12.5 kHz / 25 kHz +/- 1.5 ppm (XiR P8260) +/- 0.5 ppm (XiR P8268) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz -45 dB @ 25 kHz -36 dBm < 1 GHz -30 dBm > 1 GHz -60 dB @ 12.5 kHz</td><td>1W</td><td>1W</td><td>12.5 kHz/ 25 kHz +/- 1.5 ppm (XiR P8200) +/- 0.5 ppm (XiR P8208) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz -45 dB @ 25 kHz -36 dBm > 1 GHz and < 4GHz -60 dB @ 12.5 kHz</td><td>1W</td></t<>	ransmitter requencies channel Spacing requency Stability -30° C, +60° C, +25° C) ower Output ow Power ligh Power Addulation Limiting M Hum and Noise conducted / Radiated Emission	1W	12.5 kHz / 25 kHz +/- 1.5 ppm (XiR P8260) +/- 0.5 ppm (XiR P8268) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz -45 dB @ 25 kHz -36 dBm < 1 GHz -30 dBm > 1 GHz -60 dB @ 12.5 kHz	1W	1W	12.5 kHz/ 25 kHz +/- 1.5 ppm (XiR P8200) +/- 0.5 ppm (XiR P8208) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz -45 dB @ 25 kHz -36 dBm > 1 GHz and < 4GHz -60 dB @ 12.5 kHz	1W	
M Modulation 12.5 kHz : 11K0F3E 12.5 kHz : 11K0F3E 25 kHz : 16K0F3E 25 kHz : 16K0F3E 25 kHz : 16K0F3E 25 kHz : 16K0F3E 25 kHz : 16K0F3E 12.5 kHz Data Only: 7K60FXD 12.5 kHz Data A Voice: 7K60FXE 12.5 kHz Data Only: 7K60FXD 12.5 kHz Data A Voice: 7K60FXE 12.5 kHz Data Only: 7K60FXD 12.5 kHz Data A Voice: 7K60FXE 12.5 kHz Data Only: 7K60FXD 12.5 kHz Data A Voice: 7K60FXE 12.5 kHz Data A Voice: 7K60FXE M MBE+2 ^{2M} AMBE+2 ^{2M} gital Protocol ETSI-TS102 361-1 Ervironmental Specifications Operating Temperature -30° C / +60° C FF (Time To First Fix) Cold Start < 2 minutes	Transmitter Trequencies Trannel Spacing Trequency Stability Treque	1W	12.5 kHz / 25 kHz +/- 1.5 ppm (XIR P8260) +/- 0.5 ppm (XIR P8268) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz -36 dBm < 1 GHz -36 dBm < 1 GHz -30 dBm > 1 GHz and < 4GHz -70 dB @ 25 kHz	1W	1W	12.5 kHz/ 25 kHz +/- 1.5 ppm (XiR P8200) +/- 0.5 ppm (XiR P8208) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz -36 dBm < 1 GHz -30 dBm > 1 GHz and < 4GHz -60 dB @ 12.5 kHz -70 dB @ 25 kHz	1W	
SK Digital Modulation 12.5 kHz Data 0nly: 7K60FXD 12.5 kHz Data 0nly: 7K60FXD 12.5 kHz Data & Voice: 7K60FXE 12.5 kHz Data & Voice: 7K60FXE igital Vocoder Type AMBE+2 TM gital Protocol ETSI-TS102 361-1 Environmental Specifications Operating Temperature 98 Curacy specs are for long-term tracking (95th percentile values > 5 satellites visible at a nominal -130 dBm signal strength) Operating Temperature Operating Temperature - 40° C / +85° C Thermal Shock Per MIL-STD ESC Curacy specs are for long-term tracking (95th percentile values > 5 satellites visible at a nominal -130 dBm signal strength) Operating Temperature A0° C / +60° C Strange Temperature A0° C / +85° C Thermal Shock Per MIL-STD ESD IEC-801-2kV ESD IEC-801-2kV Water Intrusion IEC6529 - IP57 PRE TO DR EXPTORE DIOTRBO XiR Portable series radio	Transmitter requencies requencies requency Stability -30° C, +60° C, +25° C) over Output ow Power igh Power Jodulation Limiting M Hum and Noise Conducted / Radiated Emission Idjacent Channel Power Audio Response	1W	12.5 kHz / 25 kHz +/- 1.5 ppm (XIR P8260) +/- 0.5 ppm (XIR P8268) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 12.5 kHz -40 dB @ 12.5 kHz -36 dBm <1 GHz -30 dBm <1 GHz -30 dBm <1 GHz -60 dB @ 12.5 kHz +1, -3 dB	1W	1W	12.5 kHz/ 25 kHz +/- 1.5 ppm (XiR P8200) +/- 0.5 ppm (XiR P8208) 1W 4W +/- 2.5 kHz @ 12.5 kHz -/- 50 kHz @ 25 kHz -40 dB @ 12.5 kHz -36 dBm < 1 GHz -30 dBm > 1 GHz and < 4GHz -60 dB @ 12.5 kHz +1, -30 dB @ 12.5 kHz +1, -3 dB	1W	
12.5 kHz Data & Voice: 7K60FXE 12.5 kHz Data & Voice: 7K60FXE igital Vocoder Type AMBE+2™ igital Protocol ETSI-TS102 361-1 FINITION 2011	Transmitter requencies Shannel Spacing requency Stability -30° C, +60° C, +25° C) ovver Output ow Power ligh Power Addulation Limiting M Hum and Noise Conducted / Radiated Emission Adjacent Channel Power Audio Response Yudio Distortion	1W	12.5 kHz / 25 kHz +/- 1.5 ppm (XIR P8260) +/- 0.5 ppm (XIR P8268) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 12.5 kHz -40 dB @ 12.5 kHz -46 dB @ 25 kHz -36 dBm < 1 GHz -36 dBm < 1 GHz -30 dBm > 1 GHz and < 4GHz -70 dB @ 12.5 kHz -70 dB @ 25 kHz -70 dB @ 3%	1W	1W	12.5 kHz/ 25 kHz +/- 1.5 ppm (XiR P8200) +/- 0.5 ppm (XiR P8208) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz -36 dBm < 1 GHz -30 dBm > 1 GHz and < 4GHz -70 dB @ 25 kHz +1, -3 dB 3%	1W	
AMBE+2™ AMBE+2™ igital Vocoder Type AMBE+2™ igital Protocol ETSI-TS102 361-1 ETSI-TS102 361-1 PS Trucarcy specs are for long-term tracking (95th percentile values > 5 statellites visible at a nominal -130 dBm signal strength) FF (Time To First Fix) Cold Start Cyperating Temperature -30° C / +60° C Storage Temperature -40° C / +85° C Thermal Shock Per MIL-STD Ffr (Time To First Fix) Hot Start <10 seconds <10 meters <10 meters <10 meters <10 meters <10 seconds and U.S. Codes as intrinsically Water Intrusion <10 seconds an U.S. Codes as intrinsically 	Conducted Spurious Emission Fransmitter Trequencies Channel Spacing Trequency Stability -30° C, +60° C, +25° C) Owwer Output .cow Power tigh Power voldulation Limiting Conducted / Radiated Emission Adjacent Channel Power Audio Response Audio Distortion M Modulation	1W	12.5 kHz / 25 kHz +/- 1.5 ppm (XiR P8260) +/- 0.5 ppm (XiR P8268) 1W 4W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz -45 dB @ 25 kHz -36 dBm < 1 GHz -30 dBm < 1 GHz -60 dB @ 12.5 kHz -70 dB @ 25 kHz +1, -3 dB 3% 12.5 kHz : 11K0F3E	1W	1W	12.5 kHz/ 25 kHz +/- 1.5 ppm (XiR P8200) +/- 0.5 ppm (XiR P8208) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -36 dBm > 1 GHz -30 dBm > 1 GHz and < 4 GHz -60 dB @ 12.5 kHz +1, -3 dB 3% 12.5 kHz : 11K0F3E	1W	
Bit all Protocol ETSI-TS102 361-1 PS Environmental Specifications ccuracy specs are for long-term tracking (95th percentile values > 5 statellites visible at a nominal -130 dBm signal strength) Operating Temperature -30° C / +60° C FT (Time To First Fix) Cold Start < 2 minutes	Transmitter requencies Shannel Spacing requency Stability -30° C, +60° C, +25° C) ovver Output ow Power ligh Power Addulation Limiting M Hum and Noise Conducted / Radiated Emission Adjacent Channel Power Audio Response Yudio Distortion	1W	12.5 kHz / 25 kHz +/- 1.5 ppm (XIR P8260) +/- 0.5 ppm (XIR P8268) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz -36 dBm < 1 GHz -30 dBm > 1 GHz and < 4GHz -30 dBm > 1 GHz and < 4GHz -70 dB @ 25 kHz +1, -3 dB 3% 12.5 kHz : 11K0F3E 25 kHz: 11K0F3E	1W	1W	12.5 kHz/ 25 kHz +/- 1.5 ppm (XiR P8200) +/- 0.5 ppm (XiR P8208) 1W 4W +/- 2.5 kHz @12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz -45 dB @ 25 kHz -36 dBm <1 GHz -30 dBm > 1 GHz and <4 GHz -60 dB @ 12.5 kHz -70 dB @ 25 kHz +1, -3 dB 3% 12.5 kHz : 11 K0F3E 25 kHz : 16K0F3E	1W	
PS Environmental Specifications occuracy specs are for long-term tracking (95th percentile values > 5 statellites visible at a nominal -130 dBm signal strength) Operating Temperature -30° C / +60° C FF (Time To First Fix) Cold Start < 2 minutes	ransmitter requencies thannel Spacing requency Stability -30° C, +60° C, +25° C) tower Output ow Power ligh Power Addulation Limiting M Hum and Noise conducted / Radiated Emission idjacent Channel Power udio Response udio Distortion M Modulation	1W	12.5 kHz / 25 kHz +/- 1.5 ppm (XIR P8260) +/- 0.5 ppm (XIR P8268) 1W 4W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 12.5 kHz -40 dB @ 12.5 kHz -30 dBm <1 GHz -30 dBm <1 GHz -30 dBm <1 GHz -70 dB @ 12.5 kHz +1, -3 dB 3% 12.5 kHz 12.5 kHz 12.5 kHz 11K0F3E 25 kHz -12.5 kHz Data Only: 7K60FXD	1W	1W	12.5 kHz/25 kHz +/- 1.5 ppm (XiR P8200) +/- 0.5 ppm (XiR P8208) 1W 4W +/- 2.5 kHz @ 25 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -45 dB @ 25 kHz -36 dBm < 1 GHz -30 dBm > 1 GHz and < 4GHz -70 dB @ 12.5 kHz +1, -3 dB 3% 12.5 kHz : 11K0F3E 25 kHz : 11K0F3E 12.5 kHz Data Only: 7K60FXD	1W	
PS Environmental Specifications occuracy specs are for long-term tracking (95th percentile values > 5 statellites visible at a nominal -130 dBm signal strength) Operating Temperature -30° C / +60° C FF (Time To First Fix) Cold Start < 2 minutes	ransmitter requencies hannel Spacing requency Stability -30° C, +60° C, +25° C) ower Output ow Power igh Power Addulation Limiting M Hum and Noise onducted / Radiated Emission djacent Channel Power udio Response udio Distortion M Modulation FSK Digital Modulation	1W	12.5 kHz / 25 kHz +/- 1.5 ppm (XIR P8260) +/- 0.5 ppm (XIR P8268) 1W 4W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -36 dBm < 1 GHz -36 dBm < 1 GHz -36 dBm < 1 GHz -30 dBm > 1 GHz and < 4GHz -60 dB @ 12.5 kHz -1, -3 dB 3% 12.5 kHz -1, -3 dB 3% 12.5 kHz - 11K0F3E 25 kHz: 11K0F3E 25 kHz: 11K0F3E 12.5 kHz Data Ohy: 7K60FXD	1W	1W	12.5 kHz/25 kHz +/- 1.5 ppm (XiR P8200) +/- 0.5 ppm (XiR P8208) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz -36 dB @ 12.5 kHz -36 dB @ 12.5 kHz -30 dBm > 1 GHz and < 4GHz -60 dB @ 12.5 kHz -70 dB @ 25 kHz +1, -3 dB 3% 12.5 kHz : 11K0F3E 25 kHz : 11K0F3E 25 kHz : 11K0F3E 12.5 kHz Data Only: 7K60FXD 12.5 kHz Data @ Voice: 7K60FXE	1W	
ccuracy specs are for long-term tracking (95th percentile values > 5 satellites visible at a nominal -130 dBm signal strength) Operating Temperature -30° C / +60° C FF (Time To First Fix) Cold Start < 2 minutes	ransmitter equencies hannel Spacing equency Stability 30° C, +60° C, +25° C) wer Output wer ver igh Power Iodulation Limiting W Hum and Noise onducted / Radiated Emission diacent Channel Power udio Response udio Distortion W Modulation FSK Digital Modulation igital Vocoder Type	1W	12.5 kHz / 25 kHz +/- 1.5 ppm (XIR P8260) +/- 0.5 ppm (XIR P8268) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 12.5 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -36 dBm < 1 GHz -36 dBm < 1 GHz -30 dBm > 1 GHz and < 4GHz -60 dB @ 12.5 kHz -70 dB @ 025 kHz -1, -3 dB 3% 12.5 kHz: 11K0F3E 25 kHz: 11K0F3E 12.5 kHz: 11K0F3E 12.5 kHz Data Only: 7K60FXD 12.5 kHz Data Voice: 7K60FXD	1W	1W	12.5 kHz/ 25 kHz +/- 1.5 ppm (XiR P8200) +/- 0.5 ppm (XiR P8208) 1W 4W +/- 2.5 kHz @12.5 kHz +/- 5.0 kHz @25 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -36 dBm < 1 GHz -30 dBm > 1 GHz and < 4GHz -60 dB @ 12.5 kHz -70 dB @ 25 kHz +1, -3 dB 3% 12.5 kHz 11K0F3E 25 kHz : 11K0F3E 25 kHz : 11K0F3E 12.5 kHz Data @vice: 7K60FXD 12.5 kHz Data @ Vice: 7K60FXE AMBE+2 [™]	1W	
FF (Time To First Fix) Cold Start < 2 minutes	ransmitter equencies hannel Spacing equency Stability 30° C, +60° C, +25° C) wer Output wer ver igh Power Iodulation Limiting W Hum and Noise onducted / Radiated Emission diacent Channel Power udio Response udio Distortion W Modulation FSK Digital Modulation igital Vocoder Type	1W	12.5 kHz / 25 kHz +/- 1.5 ppm (XIR P8260) +/- 0.5 ppm (XIR P8268) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 12.5 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -36 dBm < 1 GHz -36 dBm < 1 GHz -30 dBm > 1 GHz and < 4GHz -60 dB @ 12.5 kHz -70 dB @ 025 kHz -1, -3 dB 3% 12.5 kHz: 11K0F3E 25 kHz: 11K0F3E 12.5 kHz: 11K0F3E 12.5 kHz Data Only: 7K60FXD 12.5 kHz Data Voice: 7K60FXD	1W	1W	12.5 kHz/ 25 kHz +/- 1.5 ppm (XiR P8200) +/- 0.5 ppm (XiR P8208) 1W 4W +/- 2.5 kHz @12.5 kHz +/- 5.0 kHz @25 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -36 dBm < 1 GHz -30 dBm > 1 GHz and < 4GHz -60 dB @ 12.5 kHz -70 dB @ 25 kHz +1, -3 dB 3% 12.5 kHz 11K0F3E 25 kHz : 11K0F3E 25 kHz : 11K0F3E 12.5 kHz Data @vice: 7K60FXD 12.5 kHz Data @ Vice: 7K60FXE AMBE+2 [™]	1W	
FF (Time To First Fix) Hot Start < 10 seconds Thermal Shock Per MIL-STD vrizontal Accuracy < 10 meters	ransmitter requencies hannel Spacing requency Stability -30° C, +40° C, +25° C) ower Output ow Power ligh Power Modulation Limiting M Hum and Noise onducted / Radiated Emission djacent Channel Power udio Distortion M Modulation FSK Digital Modulation igital Vocoder Type igital Protocol	1W	12.5 kHz / 25 kHz +/- 1.5 ppm (XIR P8260) +/- 0.5 ppm (XIR P8268) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 12.5 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -36 dBm < 1 GHz -36 dBm < 1 GHz -30 dBm > 1 GHz and < 4GHz -60 dB @ 12.5 kHz -70 dB @ 025 kHz -1, -3 dB 3% 12.5 kHz: 11K0F3E 25 kHz: 11K0F3E 12.5 kHz: 11K0F3E 12.5 kHz Data Only: 7K60FXD 12.5 kHz Data Voice: 7K60FXD	1W	1W 4W	12.5 kHz/25 kHz +/- 1.5 ppm (XiR P8200) +/- 0.5 ppm (XiR P8208) 1W 4W +/- 2.5 kHz +/- 5.0 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -30 dBm < 1 GHz	1W 5W	
prizontal Accuracy < 10 meters Humidity Per MIL-STD ESD IEC-801-2KV Intervery Mutual Approvals Water Intrusion IEC 60529 - IP57 OTOTRBO XiR Portable series radios have been certifi ed by FM Approvals in accordance with Canada and U.S. Codes as intrinsically Packaging Test MIL-STD 810D and E	ransmitter requencies hannel Spacing requency Stability -30° C, +60° C, +25° C) ower Output ow Power Jigh Power Addulation Limiting M Hum and Noise conducted / Radiated Emission udjacent Channel Power udio Response udio Distortion M Modulation FSK Digital Modulation ligital Protocol IPS		12.5 kHz / 25 kHz +/- 1.5 ppm (XIR P8260) +/- 0.5 ppm (XIR P8268) 1W 4W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz -36 dBm <1 GHz -30 dBm <1 GHz -30 dBm <1 GHz -30 dBm <1 GHz -30 dBm <1 GHz -10 dB @ 25 kHz +1, -3 dB 3% 12.5 kHz 12.5 kHz Data @ 0.5 KHz AMBE+2 ^{IM} ETSI-TS102 361-1	1W 5W	1W 4W	12.5 kHz/25 kHz +/- 1.5 ppm (XiR P8200) +/- 0.5 ppm (XiR P8208) 1W 4W +/- 2.5 kHz +/- 5.0 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -30 dBm < 1 GHz	1W 5W	
prizontal Accuracy < 10 meters Humidity Per MIL-STD ESD IEC-801-2KV Intervery Mutual Approvals Water Intrusion IEC 60529 - IP57 OTOTRBO XiR Portable series radios have been certifi ed by FM Approvals in accordance with Canada and U.S. Codes as intrinsically Packaging Test MIL-STD 810D and E	ransmitter requencies hannel Spacing requency Stability -30° C, +60° C, +25° C) ower Output ow Power Jigh Power Addulation Limiting M Hum and Noise conducted / Radiated Emission udjacent Channel Power udio Response udio Distortion M Modulation FSK Digital Modulation ligital Protocol IPS	1W 4W	12.5 kHz / 25 kHz +/- 1.5 ppm (XIR P8260) +/- 0.5 ppm (XIR P8268) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -36 dBm < 1 GHz -36 dBm < 1 GHz -30 dBm > 1 GHz and < 4GHz -30 dBm > 1 GHz and < 4GHz -70 dB @ 12.5 kHz -70 dB @ 25 kHz +1, -3 dB 3% 12.5 kHz 12.5 kHz 11 K0F3E 12.5 kHz Data 0 Niy: 7K60FXD 12.5 kHz Data 0 Niy: 7K60FXD 12.5 kHz Data 0 Niy: 7K60FXD 12.5 kHz Data & Voice: 7K60FXE AMBE+2 [™] ETSI-TS102 361-1 ie at a nominal -130 dBm signal strength	1W 5W	1W 4W 4W	12.5 kHz/25 kHz +/- 1.5 ppm (XiR P8200) +/- 0.5 ppm (XiR P8208) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -36 dB @ 12.5 kHz -36 dB @ 12.5 kHz -30 dBm < 1 GHz	1W 5W / +60° C	
ESD IEC-801-2KV netory Mutual Approvals Water Intrusion IEC 60529 - IP57 OTOTRBO XiR Portable series radios have been certifi ed by FM Approvals in accordance with Canada and U.S. Codes as intrinsically Packaging Test MIL-STD 810D and E	ransmitter requencies hannel Spacing requency Stability -30° C, +60° C, +25° C) ower Output ow Power igh Power foodulation Limiting M Hum and Noise onducted / Radiated Emission djacent Channel Power udio Response udio Distortion M Modulation FSK Digital Modulation igital Vocoder Type igital Protocol PS ccuracy specs are for long-term tracking (95th peri-	1W 4W	12.5 kHz / 25 kHz +/- 1.5 ppm (XIR P8260) +/- 0.5 ppm (XIR P8268) 1W 4W 4W +/- 2.5 kHz @ 12.5 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -46 dB @ 25 kHz -36 dBm < 1 GHz -36 dBm < 1 GHz -30 dBm > 1 GHz and < 4GHz -30 dBm > 1 GHz and < 4GHz -	1W 5W	1W 4W 4W	12.5 kHz/25 kHz +/- 1.5 ppm (XiR P8200) +/- 0.5 ppm (XiR P8208) 1W 4W +/- 2.5 kHz @ 12.5 kHz +/- 5.0 kHz @ 25 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -36 dBm < 1 GHz	1W 5W / +60° C / +85° C	
0T0TRB0 XiR Portable series radios have been certifi ed by FM Approvals in accordance with Canada and U.S. Codes as intrinsically Packaging Test MIL-STD 810D and E	ransmitter requencies hannel Spacing requency Stability -30° C, +60° C, +25° C) ower Output ow Power ligh Power Odulation Limiting M Hum and Noise onducted / Radiated Emission dijacent Channel Power udio Distortion M Modulation FSK Digital Modulation FSK Digital Modulation ligital Vocoder Type ligital Protocol PS ccuracy specs are for long-term tracking (95th per IFF (lime To First Fix) Cold Start	1W 4W 4W centile values > 5 satellites visibl < 2 minutes < 10 second	12.5 kHz / 25 kHz +/- 1.5 ppm (XIR P8260) +/- 0.5 ppm (XIR P8268) 1W 4W 4W +/- 2.5 kHz @ 12.5 kHz -/5.0 kHz @ 25 kHz -/30 dBm > 1 GHz and < 4GHz -/30 dBm > 1 GHz and < 4GHz -/30 dBm > 1 GHz and < 4GHz -/70 dB @ 25 kHz -/70 dB @ 12.5 kHz -/70 kB @ 12.5 kHz -/70 kB @ 12.5 kHz -/70 kB @ 12.5 kHz -/70 kB @ 1	1W 5W	1W 4W 4W <u>Environmental Sp</u> Operating Temperatur Storage Temperatur Thermal Shock	12.5 kHz/ 25 kHz +/- 1.5 ppm (XiR P8200) +/- 0.5 ppm (XiR P8208) 1W 4W +/- 2.5 kHz +/- 5.0 kHz 25 kHz +/- 5.0 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -45 dB @ 25 kHz -36 dBm <1 GHz	1W 5W	
0T0TRB0 XiR Portable series radios have been certifi ed by FM Approvals in accordance with Canada and U.S. Codes as intrinsically Packaging Test MIL-STD 810D and E	ransmitter requencies hannel Spacing requency Stability 30° C, +60° C, +25° C) ower Output 30° C, +60° C, +25° C) ower Output 30° Power Jodulation Limiting M Hum and Noise onducted / Radiated Emission diacent Channel Power udio Response udio Distortion M Modulation FSK Digital Modulation igital Vocoder Type igital Protocol PS curracy specs are for long-term tracking (95th peri IFF (Time To First Fix) Cold Start IFF (Time To First Fix) Cold Start IFF (Time To First Fix) Hot Start	1W 4W 4W centile values > 5 satellites visibl < 2 minutes < 10 second	12.5 kHz / 25 kHz +/- 1.5 ppm (XIR P8260) +/- 0.5 ppm (XIR P8268) 1W 4W 4W +/- 2.5 kHz @ 12.5 kHz -/5.0 kHz @ 25 kHz -/30 dBm > 1 GHz and < 4GHz -/30 dBm > 1 GHz and < 4GHz -/30 dBm > 1 GHz and < 4GHz -/70 dB @ 25 kHz -/70 dB @ 12.5 kHz -/70 kB @ 12.5 kHz -/70 kB @ 12.5 kHz -/70 kB @ 12.5 kHz -/70 kB @ 1	1W 5W	1W 4W 4W Environmental Sp Operating Temperatur Storage Temperatur Thermal Shock Humidity	12.5 kHz/25 kHz +/-1.5 ppm (XiR P8200) +/-0.5 ppm (XiR P8208) 1W 4W +/-2.5 kHz +/-5.0 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -36 dBm < 1 GHz	1W 5W / 460° C / 460° C / 485° C L-STD L-STD	
	ransmitter requencies hannel Spacing requency Stability 30° C, +60° C, +25° C) ower Output 30° C, +60° C, +25° C) ower Output 30° Power Jodulation Limiting M Hum and Noise onducted / Radiated Emission diacent Channel Power udio Response udio Distortion M Modulation FSK Digital Modulation igital Vocoder Type igital Protocol PS curracy specs are for long-term tracking (95th peri IFF (Time To First Fix) Cold Start IFF (Time To First Fix) Cold Start IFF (Time To First Fix) Hot Start	1W 4W 4W centile values > 5 satellites visibl < 2 minutes < 10 second	12.5 kHz / 25 kHz +/- 1.5 ppm (XIR P8260) +/- 0.5 ppm (XIR P8268) 1W 4W 4W +/- 2.5 kHz @ 12.5 kHz -/5.0 kHz @ 25 kHz -/30 dBm > 1 GHz and < 4GHz -/30 dBm > 1 GHz and < 4GHz -/30 dBm > 1 GHz and < 4GHz -/70 dB @ 25 kHz -/70 dB @ 12.5 kHz -/70 kB @ 12.5 kHz -/70 kB @ 12.5 kHz -/70 kB @ 12.5 kHz -/70 kB @ 1	1W 5W	1W 4W 4W	12.5 kHz/25 kHz +/- 1.5 ppm (XiR P8200) +/- 0.5 ppm (XiR P8208) 1W 4W +/- 2.5 kHz +/- 5.0 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -40 dB @ 12.5 kHz -30 dBm < 1 GHz	1W 5W 5W /+60° C /+85° C L-STD L-STD L-2KV	

regu Conforms to EC 1993/%/EC (R&TTE - Radio and Telecommunications Terminal Equipment) EN 300.066 EN 300.113

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Motorola Solutions Singapore Pte Ltd 12 Ang Mo Kio Street 64, Ang Mo Kio Industrial Park 3, UE Biz Hub, Block A, Level 7 Singapore 569088

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