

Motorola GTX Mobile Radio

Trunked Two-Way Radio For LTR® Systems

Ideal for taxi and delivery, utilities,
construction and transportation businesses.



Dual Mode Capability

Allows radio to operate on either trunked or conventional systems with 10 trunked modes/8 talkgroups and 10 conventional channels

Talkaround

Maximizes radio's calling range with unit-to-unit communication that bypasses the repeater

Time-Out Timer

Automatically shuts off the transmitter after a specified amount of time, helping prevent channel tie-ups

Two-Color LED Indicators

Clear, visible feedback of transmit and receive status

Telephone Interconnect Initiation and Response

Enhances radio's functionality by letting users place and receive phone calls

Scan

Monitors transmissions on LTR systems, conventional channels, or both

Three-Character Display

At-a-glance identification of talkgroups and other important information

Horn and Lights Activation

Notifies user of incoming calls when outside the vehicle



- 10 Trunked Modes
- 8 Trunked Talkgroups
- 10 Conventional Channels
- Three-Character Display
- Dual Mode Capability
- Talkaround
- Telephone Interconnect (Initiate/Response)
- All Group Scan, System Scan and User Scan
- Time-Out-Timer
- Horn and Lights
- Deskset Compatible
- Limited one year warranty on radio parts, labor and accessories.

Motorola Quality: More Accessible Than You Think

To stay on top in today's competitive marketplace, you need fast, dependable access to the right people and information. And with the innovative GTX trunked mobile radio, that's exactly what you get. No matter what your business — taxi and delivery, utilities, construction, or transportation — GTX radios can help you connect with 1, 10, or 100 colleagues instantly, at the touch of a button. What's more, these versatile radios offer all the features and flexibility you need to get the job done. We offer a 35W power model that operates on 800 MHz frequencies. As always, you'll enjoy outstanding Motorola quality — and the great communication you're looking for.

specifications

GENERAL

Model Number:	M11URD6CU1_N
RF Output:	35W
RF Output (Talkaround):	20W
FCC Description:	ABZ99FT3003
Dimensions (H x W x L):	1.73" x 6.61" x 8.62" (44 x 168 x 219 mm)
Weight:	4.30 lb (1.95 kg)
Frequency Range:*	806 - 866 MHz
Transmit:	806 - 821 MHz
Talkaround:	851 - 866 MHz
Receive:	851 - 866 MHz
Channel Spacing:	25 kHz
Channel Capacity:	Trunked Modes: 10 / Trunked Talkgroups: 8 / Conventional Channels: 10
Frequency Stability:	2.5 ppm
Input Voltage:	13.6 V dc
Temperature Range: Operating	-30 to +60° C
Storage	-40 to +85° C

800 MHZ

TRANSMITTER

Power Output:	35W (806 - 821 MHz) 20W (851 - 866 MHz)
Channel Spacing:	25 kHz
Maximum Frequency Separation:	15 MHz
Modulation Limiting:	5 kHz
FM Hum and Noise:	-40 dB
Conducted / Radiated Emission:	-13 dBm
Audio Response (300-3000 Hz):	+1 to -3 dB
Audio Distortion:	Less than 5 %

RECEIVER

Channel Spacing:	25 kHz
Sensitivity (12dB SINAD):	0.35 µV
Intermodulation:	-65 dB
Adjacent Channel Selectivity:	-65 dB
Spurious Rejection:	-65 dB
Audio Output Power:	4W (internal speaker) / 7.5W (external speaker)
Audio Distortion @ Rated Audio:	5%
Current Drain:	OFF 3 Standby Rated
	0 mA 450 mA 1.5A (4W internal speaker) / 1.7A (7.5W external speaker)
Conducted Spurious Emission:	Per FCC part 90

PORTABLE MILITARY STANDARDS 810 C, D, E & F

Applicable MIL-STD	810C	810D	810E
	Methods/Procedures	Methods/Procedures	Methods/Procedures
Low Pressure:	500.1/1	500.2/2	500.3/2
High Temperature:	501.1/1,2	501.2/1,2	501.3/1,2
Low Temperature:	502.1/2	502.2/1,2	502.3/1,2
Temperature Shock:	503.1/1	503.2/1	503.3/1
Solar Radiation:	505.1/1	505.2/1	505.3/1
Rain:	506.1/1,2	506.2/1,2	506.3/1,2
Humidity:	507.1/2	507.2/2,3	507.3/2,3
Salt Fog:	509.1/1	509.2/1	509.3/1
Dust:	510.1/1	510.2/1	510.3/1
Vibration:	514.2/8,10	514.3/1	514.4/1
Shock:	516.2/1,2,5	516.3/1,4	516.4/1,4

* MIL Standards- The GTX mobile radio is designed to meet or exceed most requirements for MIL STD 810 C, D, and E.



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