

Motorola GTX Mobile Radio

Trunked Two-Way Radio For Privacy Plus™ 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 Privacy Plus systems, conventional channels, or both

Private Conversation Initiation and Response

Place and receive confidential calls with the touch of a button to help ensure others cannot listen in

Three-Character Display

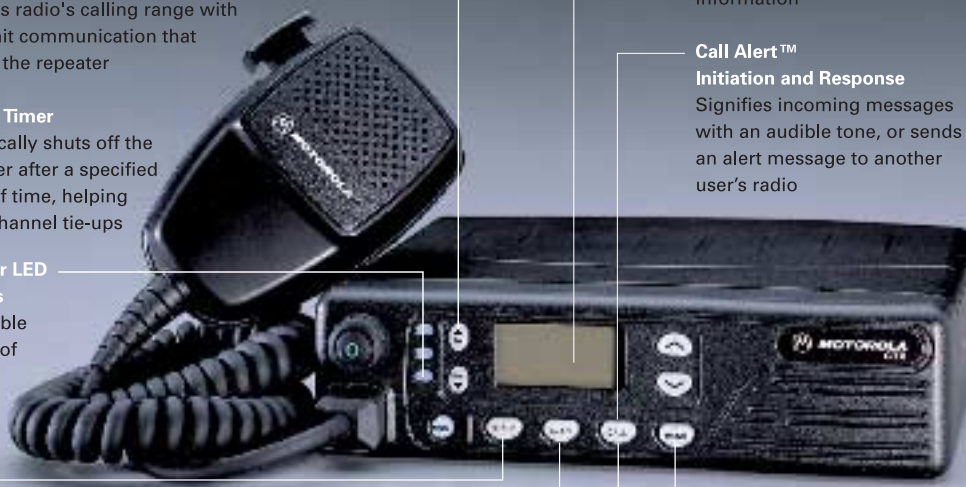
At-a-glance identification of talkgroups and other important information

Call Alert™ Initiation and Response

Signifies incoming messages with an audible tone, or sends an alert message to another user's radio

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
- Call Alert™ (Encode/Decode)
- Private Conversation™ (Initiate/Response)
- Telephone Interconnect (Initiate/Response)
- Scan
- Limited SmartZone Operation
- 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 either 800 or 900 MHz frequencies. As always, you'll enjoy outstanding Motorola quality — and the great communication you're looking for.

specifications

GENERAL	800 MHZ	900 MHZ
Model Number:	M11URD6CB1_N	M11WRD4CB1_N
RF Output:	35W	30W
RF Output (Talkaround):	20W	20W
FCC Description:	ABZ99FT3003	ABZ99FT3004
Dimensions (H x W x L):	1.73" x 6.61" x 8.62" (44 x 168 x 219 mm)	1.73" x 6.61" x 8.62" (44 x 168 x 219 mm)
Weight:	4.30 lb (1.95 kg)	4.30 lb (1.95 kg)
Frequency Range:*	806 - 866 MHz	896 - 941 MHz
Transmit:	806 - 821 MHz	896 - 902 MHz
Talkaround:	851 - 866 MHz	935 - 941 MHz
Receive:	851 - 866 MHz	935 - 941 MHz
Channel Spacing:	25 kHz	12.5kHz
Channel Capacity:	Trunked Modes:10/Trunked Talkgroups:8/Conventional Channels:10	Trunked Modes:10/Trunked Talkgroups:8/Conventional Channels:10
Frequency Stability:	2.5 ppm	1.5 ppm
Input Voltage:	13.6 V dc	13.6 V dc
Temperature Range: Operating	-30 to +60° C	-30 to +60° C
Storage	-40 to +85° C	-40 to +85° C

TRANSMITTER

Power Output:	35W (806 - 821 MHz) 20W (851 - 866 MHz)	30W (896 - 902 MHz) 20W (935 - 941 MHz)
Channel Spacing:	25 kHz	12.5 kHz
Maximum Frequency Separation:	15 MHz	6 MHz
Modulation Limiting:	5 kHz	2.5 kHz
FM Hum and Noise:	-40 dB	-35 dB
Conducted / Radiated Emission:	-13 dBm	-13 dBm
Audio Response (300-3000 Hz):	+1 to -3 dB	+1 to -3 dB
Audio Distortion:	Less than 5 %	Less than 5 %

RECEIVER

Channel Spacing:	25 kHz	12.5 kHz
Sensitivity (12dB SINAD):	0.35 µV	0.35 µV
Intermodulation:	-65 dB	-60 dB
Adjacent Channel Selectivity:	-65 dB	-65 dB
Spurious Rejection:	-65 dB	-65 dB
Audio Output Power:	4W (internal speaker) / 7.5W (external speaker)	4W (internal speaker) / 7.5W (external speaker)
Audio Distortion @ Rated Audio:	5%	5%
Current Drain: OFF 3	30 mA	30 mA
Standby	450 mA	450 mA
Rated	1.5A (4W internal speaker) / 1.7A (7.5W external speaker)	1.5A (4W internal speaker) / 1.7A (7.5W external speaker)
Conducted Spurious Emission:	Per FCC part 90	Per FCC part 90

PORTABLE MILITARY STANDARDS 810 C, D, & E*

Applicable MIL-STD	810C	810D	810E
	Methods/Procedures	Methods/Procedures	Methods/Procedures
Low Pressure:	500.1/1	500.2/1	500.3/1
High Temperature:	501.1/1,2	501.2/1,2	501.3/1,2
Low Temperature:	502.1/1	502.2/1,2	502.3/1,2
Temperature Shock:	503.1/1	503.2/1	503.3/1
Rain:	506.1/2	506.2/2	506.3/2
Humidity:	507.1/2	507.2/2	507.3/2
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:	516.2/1,3,5	516.3/1,5	516.4/1,5
Crash Safety Shock:			516.4/5
Packaged Vibration:			514.4

* 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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