

# GTX

## Trunked Mobile Radio for Privacy Plus™ Systems

### Features Overview

GENERAL SPECIFICATIONS		800 MHz		900 MHz	
Model Number		M11URD6CB1_N	M11UGD6CB1_N	M11WGD4CB1_N	M11WRD4CB1_N
RF Output		35W	15W	12W	30W
RF Output (Talkaround)		20W	10W	10W	20W
FCC Description		ABZ99FT3003	AZ492FT5778	AZ492FT5782	ABZ99FT3004
Dimensions (H x W x L)		1.73" x 6.61" x 8.62" (44 mm x 168 mm x 219 mm)	1.73" x 6.61" x 6.67" (44 mm x 168 mm x 169 mm)		1.73" x 6.61" x 8.62" (44 mm x 168 mm x 219 mm)
Weight		4.30 lb (1.95 kg)	2.67 lb (1.21 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		12.5 kHz	
Channel Capacity		Trunked Modes: 10 / Trunked Talkgroups: 8 / Conventional Channels: 10			
Frequency Stability		2.5 ppm		1.5 ppm	
Input Voltage		13.6 V dc	13.8 V dc		13.6 V dc
Temperature Range					
Operating		-30 to +60° C			
Storage		-40 to +85° C			

\* 821 - 825MHz and 866 - 870 MHz are available outside of U.S.

- 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\*
- Data Capable\*
- Limited one year warranty on radio parts, labor and accessories

\* 35W and 30W models only. Available on 12W and 15W models 2nd half of 2000.

TRANSMITTER		800 MHz		900 MHz	
Power output		35W (806 - 821 MHz) 20W (851 - 866 MHz)	15W (806 - 821 MHz) 10W (851 - 866 MHz)	12W (896 - 902 MHz) 10W (935 - 941 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 & Noise		-40 dB		-35 dB	
Conducted / Radiated Emission		-13 dBm			
Audio Response (300-3000 Hz)		+1 to -3 dB			
Audio Distortion		Less than 5 %			

RECEIVER		800 MHz		900 MHz	
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			
Spurious Rejection		-65 dB			
Audio Output Power		4W (internal speaker) / 7.5W (external speaker)			
Audio Distortion @ Rated Audio		5%			
Current Drain					
OFF		30 mA			
Standby		450 mA			
Rated		1.5A (4W internal speaker) / 1.7A (7.5W external speaker)			
Conducted Spurious Emission		Per FCC part 90			

MOBILE MILITARY STANDARDS 810 C,D, AND 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.

Visit our website at:  
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For more information, please contact:

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