

GTX™

Trunked Portable Radio

The innovative GTX family of trunked radios offers an unprecedented combination of multi-feature advantages with a new level of value and cost efficiency.

FEATURES

Roaming*

Wide range communication coverage can be obtained with system-to-system compatibility.

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Numeric Display

An eight-digit display on portable models and a three-digit display on the mobile radios allows simple, instant talk group identification.

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Dual Mode Capability

With 10 systems/8 talk groups and 10 conventional modes, you can enjoy the convenience of selecting both trunked and conventional repeater operation.

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Talkaround

Communicate directly with another unit with radio to radio contact, extending coverage to fringe areas when you are beyond the system's range.

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Call Alert™

Notifies users of calls in their absence, ensuring that messages are received. This helps users avoid tying up air time if they attempt to reach unattended units.

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Private Conversation™

Maintain confidential communication by selectively contacting units, ensuring that your communications will be protected.

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Telephone Interconnect

To extend communication coverage beyond the system, telephone interconnect allows you to initiate and receive telephone calls in both trunked and conventional modes.

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Scan

Scan a combination of trunked systems and conventional channels for messages, and monitor channels easily in a multiple system environment.

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Privacy Plus™ Type I, II and III Trunked Systems

The GTX mobile and portable radios offer the flexibility and capability of programming based on system requirements.

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Rugged Dependability

GTX radios are designed and built to perform in demanding applications. The unique Motorola Accelerated Life Test simulates years of field use, ensuring mechanical integrity and dependability.

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* Applies to Type II upgraded systems only



GTX™

SPECIFICATIONS

Portable Radio for 800 MHz/900 MHz Privacy Plus Operation

GENERAL		
	800 MHz	900MHz
Model Series:	H11UCD6CB1_N	H11WCD4CB1_N
FCC ID:	AZ489FT5776	AZ489FT5781
Power Supply:	One rechargeable NiCd battery	One rechargeable NiCd battery
Battery Voltage:	7.5V	7.5V
Temperature Range:	-30 to -60°C	-30 to -60°C
Dimensions (Radio Only)*:	5.53" H x 2.32" W x 1.09" D	5.53" H x 2.32" W x 1.09" D
Weight (Radio Only):	11 oz	11 oz

* Measured from base of radio to base of knobs

TRANSMITTER		
	800 MHz	900 MHz
RF Power Min:	3W	2.5W
Frequency Range**:	806-821 MHz 851-866 MHz	896-902 MHz 935-941 MHz
Frequency Stability:	±2.5 ppm	±1.5 ppm
Emission Conducted and Radiated:	-48 dBc	-48 dBc
FM Hum & Noise:	-40 dB	-35 dB
Audio Distortion:	5%	5%
Modulation Limiting:	5 kHz	2.5 kHz

** Note: This equipment is not authorized by the FCC for public safety use in the 821-824/866-869 MHz band in the United States

BATTERIES	
Battery Life (5/5/90 Duty Cycle):	@3W
Hours of Operation, High Capacity Battery:	8.0

RADIO SERVICE SOFTWARE	
RVN4150:	Disk Types: 5¼" and 3½"

MIL STANDARD
The GTX portable radio is designed to meet or exceed most requirements for MIL STD 810 C, D, and E.

Specifications subject to change without notice.

RECEIVER		
	800 MHz	900 MHz
Frequency Range:	851-866 MHz	935-941 MHz
Bandwidth:	15 MHz	6 MHz
Channel Spacing:	25 kHz	12.5 kHz
Usable Sensitivity (12 dB SINAD) max:	0.35µV	0.35µV
Intermodulation:	-65 dB	-60 dB
Selectivity (Adjacent Channel):	-65 dB	-60 dB
Frequency Stability:	±2.5 ppm	±1.5 ppm
Rated Audio:	500 mW	500 mW
Distortion at Rated Audio:	5%	5%
Spurious Response Rejection:	-65 dB	-60 dB

STANDARD FEATURES	
10 Systems	Talkaround
8 Groups	Call Alert™
10 Conventional Channels	Low Battery Alert
Roaming†	Time-Out Timer
Scan	8 Digit Display
Telephone Interconnect	16 Button Keypad
Private Conversation™	

† Applies to Type II upgraded systems only



SUPPORT SERVICES

Wherever Motorola sells, our product is backed by service. Our products are serviced throughout the world by a wide network of company or authorized independent distributor service organizations.



MOTOROLA

Motorola U.S.A.
1301 E. Algonquin Road
Schaumburg, Illinois 60196
In the U.S. call: 1-800-247-2346
Motorola Canada Limited
3900 Victoria Park Avenue
North York, Ontario M2H 3H7
In Canada call: 1-800-268-5758
Outside the U.S. and Canada call: (847) 538-6602

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