

Quick Talk™ WIRELESS MONITOR & VOICE ALERT



SPECIFICATIONS

	RQT-451	RQT-452	RQT-151	RQT-152	RQT-151M	RQT-152M
FCC ID:	AIERIT32-451	AIERIT32-452	AIERIT32-151	AIERIT32-152	AIERIT32-151M	AIERIT32-152M
FCC Rule Parts:	90				95J (MURS – License free)	
Frequency Range:	450 – 470 MHz		150 – 165 MHz		154.600 MHz, 154.570 MHz (wideband MURS frequencies) 151.820 MHz, 151.880 MHz, 151.940 MHz, 154.600 MHz, 154.570 MHz (narrowband MURS frequencies)	
RF Power Output:	120 mW	2 W	120 mW	2 W	120 mW	2 W
Bandwidth:	Narrowband Only				Narrow & Wide Band	
Emission Designators:	11K0F3E				11K0F3E (narrow) 16K0F3E (wide)	
Deviation:	±2.50 kHz				±2.50 kHz (narrow) ±5.0 kHz (wide)	
Audio Distortion:	< 6 %				< 6 % (narrow) < 3 % (wide)	
FM Hum and Noise:	-35 dB		-40 dB		-40 dB (narrow) -46 dB (wide)	
Synthesizer Step Size:	6.25 kHz		2.50 kHz			
Frequency Stability: (-30° to +60° C)	±2.5 PPM		±1.5 PPM			
No. of Channels:	4					
Coded Signaling Encode:	CTCSS (Quiet Call, 51 Tones), DCS (Digital Quiet Call, all codes), DTMF ANI, 3-7 tone Selcall					
Typical Range:	One half mile to a handheld radio transceiver using the standard flexible antenna. Greater range is possible if optional antenna (RAM-1545), or a radio repeater is used.					
Battery Life:	1 year when using AA Alkaline batteries and the unit transmits a 5 second message once each hour, 24 hours per day, 5 days per week or approximately 7,000 transmissions.					
Internal Battery:	6 AA Alkaline or Lithium non-rechargeable batteries. Lithium batteries are recommended for best performance.					
External Power:	12-18 VDC, Use Ritron p/n# RPS-EXPO					
Antenna Connector:	BNC, 50 Ohms, front panel mounted					
Antenna:	Ritron AFB-1545 Standard Antenna, Flexible Whip, 14 inches long with elbow connector.					
Housing:	Gasketed, water-resistant, polycarbonate with UV stabilizer for outdoor use.					
Dimensions:	7.57" x 5.07" x 2.65"(19.23cm x 12.88cm x 6.73cm)					
Weight:	1 pound, without batteries and antenna					
Number of Switch Inputs:	4 Momentary, Latching, Analog Voltage or Resistance					
Voice Message Length:	24 seconds total for all voice messages, equally allocated to the programmed inputs					
Auxiliary Messages:	Low Battery (2 seconds), External Power Failure (2 seconds), Location (2 seconds) One location message per RQT. Precedes voice message for each input.					
Programming Method:	User Programmable with PC Programmer and USB to 5 Pin Mini USB Cable					
Programming Features:	<ul style="list-style-type: none"> • Custom TX frequencies (MURS models cannot be programmed for custom frequencies) • Tone signaling encode CTCSS, DCS, DTMF, 3-7 tone Selcall • TX audio companding (allows compatibility with certain 2-way radios) • 4 independently programmed inputs • Analog or digital input operation • Event driven and/or scheduled transmission of input status • Preamble alert tone prior to transmitter voice message (selectable On/Off) • Unique, user recorded voice messages • Voice message recording via on-board microphone, or use pre-recorded .wav files (Ritron PN# 60201123 .wav record cable required) • External power failure and low battery alert 					
-RCVR Models:	433 MHz keyfob receiver installed for wireless activation of recorded voice messages.					

DESIGNED AND MADE IN THE USA

Specifications subject to change without notice.



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