

5 Watt  
Model  
Available\*

SignalGuys.com

# Quick Talk by Ritron

## makes 24/7 wireless monitoring easy... over your two-way radio.



**Field Equipment** —Detect and prevent unauthorized tampering or theft of expensive equipment in the field.



**Towers** —Monitor obstruction lighting failures to increase safety and avoid fines by the FAA.



**Remote Sites** —Increase security and/or monitor power generators at detached or remote buildings.



**Manufacturing** —Monitor the status of any machine, HVAC, or other important processes over your two-way radio and reduce downtime and costs.



**Water Storage** —Monitor liquid tank levels of all kinds easily via any two-way portable or mobile radio.



**Public Safety** —Prevent vandalism or theft of expensive speed monitoring trailers.

## It's like being in two places at once!

### How the Quick Talk Voice Alerting Transmitter Works.

Connect any contact closure/switch to the Quick Talk. Record your "custom" message in any language. When the switch changes status, the recorded message is automatically transmitted via radio to all your two-way radio equipped personnel.

### What is the Quick Talk Voice Alerting Transmitter?

The Quick Talk is a battery-operated one-way radio transmitter that operates on VHF or UHF frequencies. It requires no boring, trenching, or external power. A single set of 6 AA Alkaline batteries powers the Quick Talk for nearly one year, or approximately 12,000 transmissions.

When you need real time status and you can't be everywhere at the same time, you need the Quick Talk Voice Alerting Transmitter.



**Irrigation Pivot** —Irrigation monitoring reduces downtime and reduces costs.



**Agribusiness Operations** —Monitor fans, power, temperature, humidity, dangerous gas levels, or other critical parameters in greenhouses, fish hatcheries, or livestock production.

**For 25 years** Ritron has been designing, manufacturing, and supplying reliable, professional wireless communication products to users worldwide. Ritron wireless products work together as an effective two-way communication system. They are fully compatible with virtually any other brand of two-way radio, and ideal as low-cost add-ons to any system.



**Other Ritron Products**

**Portables:** VHF/UHF -Small, rugged, and lightweight.

**Desktop Base Stations:** VHF/UHF/UHF Trunking -Always ready...Always there... Always on. 110VAC or 12VDC.

**Radio Call Boxes:** Cost effective wireless communication for any location including gates, delivery and receiving docks, parking lots, schools, manufacturing...

# Quick Talk speaks up when you need to know about...

**Remote Building Sites:**

AC Power Failures, Generator Status, Temperature, Tower Lights, Unauthorized Entry

**Machine Status Monitoring:**

Equipment Malfunction, Vibration, Temperature Limits, Pressure Limits, Liquid Levels

**Industry/Manufacturing:**

High/Low Liquid Level, Pressure Limits, Leak Detection, Tamper/Vibration, Temperature

**Agribusiness:**

Fans, AC Power Failures, Moisture Levels, Irrigation Systems, Gas Detection, Intrusion, Unauthorized Entry, Temperature, Humidity

**Equipment in the Field:**

Tampering, Unauthorized Entry, Power On/Off, Standby Power Alert, Motion Detection

**Intrusion:**

Unauthorized Entry, Tampering, Vandalism



**Real Time  
Wireless Alerting  
over your  
two-way radio!**

## General Specifications

Models.....	RQT-150 VHF-FM RQT-450 UHF-FM
FCC ID.....	AIERIT09-150 AIERIT10-450
FCC Parts.....	90, 95
Emission Designator.....	11K0F3E (Narrow Band)/ 16K0F3E (Wide Band) ± 2.5 / 5.0 KHz peak deviation Internal Jumper Selectable
<b>Operating</b>	
Frequency Range.....	150 - 165 MHz 450 - 470 MHz
Transmitter Power.....	120 mW Contact factory for higher power options.
Frequency Stability.....	±5 ppm (-30° C to +50° C)
Frequency Selection.....	Synthesized Programmable
Coded Signaling Encoder.....	CTCSS, Quiet Call, 51 Tones DCS, Digital Quiet Call, all codes
Typical Range.....	One half mile to a handheld radio transceiver using the standard flexible antenna. Greater range is possible if a better antenna or a radio repeater is used.

Battery Life.....	1 year when using AA Alkaline batteries and the unit transmits a 5 second message twice each hour, 24 hours per day, 5 days per week or approximately 12,000 transmissions.
Internal Battery.....	6 AA Alkaline or NiCd batteries.
External Power.....	9-15 Volts DC Jumper Enables Charging of Internal Batteries
Antenna Connector.....	BNC, 50 Ohms
Standard Antenna.....	Flexible Whip, 14 inches long with elbow connector.
Enclosure.....	GE-Noryl*, Grey, Ultraviolet Stable NEMA-4-4X Water-Resistant with 4 mounting ears
Dimensions.....	5.25" x 5.25 x 2.5"
Weight.....	1 pound, less batteries and antenna
Number of Switch Inputs.....	2 Momentary, Latching, Analog Voltage or Resistance
Switch Connectors.....	4 screw terminals

External Power Input.....	2 screw terminals
Maximum Voice Message Length.....	.8 seconds per switch condition when 1 switch input is used. 3.25 seconds per switch condition when 2 switch inputs are used. Plus a 3.25 second location message.
Auxiliary Messages.....	Low Battery (1.5 seconds) External Power Failure (1.5 seconds)
Message Scheduling.....	User Programmable Intervals and Repeat Times
Programming Method.....	User Programmable with a standard pulse dial telephone.
Programmable Features.....	Transmit Frequency Sub-Audible and Digital Coded Squelch Voice Messages Message Schedules Switch Types

\*NORYL is a registered trademark of GE-Plastics.

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