

Quick Talk™ vS Wireless Vehicle Detection System

- Works with your 2-way radio system.
- 24' detection zone transmits alert message up to 1 mile line-of-sight.
- No Trenching!

Provides 24/7 monitoring... "Senses" ANY vehicle: Cars, Trucks, Motorcycles, ATV's, Golf Carts, even Bicycles... and instantly transmits a voice message alert over your 2-way radio system. *It even works through radio repeater systems for miles of extended range.*



Enhanced Security for Business/Industry and Police/Government

Applications:

Golf Clubs/Resorts -

Provides wireless alert to attendants/caddies. Insures that attendants/caddies are ready and waiting when the member/guests arrive.

Construction Sites - Alerts personnel if vehicles enter via restricted access areas or after hours.

Stationary Assets - Protect chemical storage facilities, farm equipment, construction equipment, remote buildings and sites.

Police/Security - 24/7 monitoring and surveillance of sites prone to theft or vandalism.

Government/Military - 24/7 monitoring of restricted access areas (e.g. high security areas/bases, military assets, border crossings, national parks, walking trails, parks).

Ranches, Private Property - 24/7 remote monitoring of property lines, large parcels of land, prevent theft of livestock and equipment.

Plants/Factories/Retail Stores - Alerts personnel (during normal or after hours) that a vehicle has entered a restricted area e.g. rear entrance/loading dock/pick-up area/restricted area.



Probe includes 80' of Cable



2-Way Portable Radios



2-Way Base Station

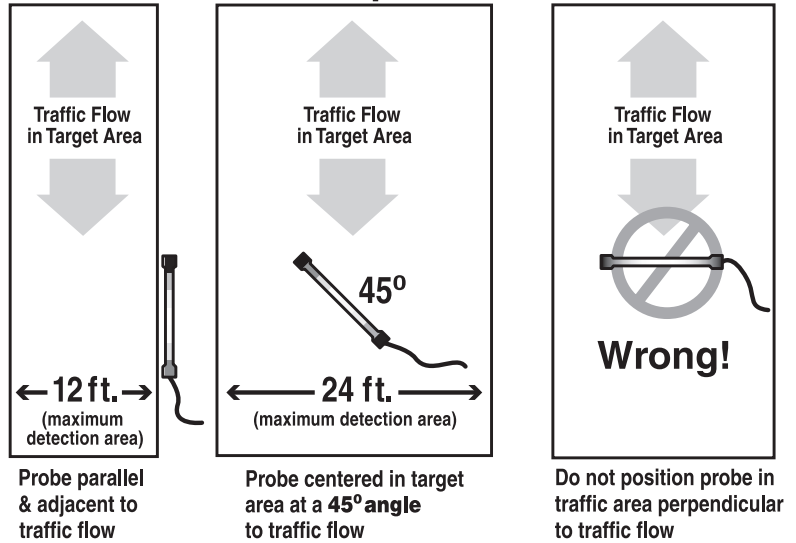
Go Beyond Normal Limits...SM



Features

- "Senses" ANY vehicle within a 24' detection area* and transmits alert message up to 1 mile to a two-way radio (see illustration).
- Record your own voice message in any language.
- Easy-To-Install. No Trenching.
- Battery Powered, 7,000 Transmissions.
- Automatic Low Battery Message.
- Programmable Message Repeat Scheduling.
- Available in VHF/UHF Frequency Bands and UHF LTR/PassPort Trunking.
- Made in the USA

Probe Placement Options



The probe should be at least 35 feet back (in all directions), from a street on which traffic is going under 35 mph, and at least 50 feet back (in all directions), from a street on which traffic is going over 35 mph.

*Range of Vehicle Sensor Probe: 24 ft. wide maximum target area. The probe detects changes in the earth's magnetic field caused by moving ferrous metal. The larger the steel or iron and the faster the movement, the farther away it can be detected by the probe.
 Range of Quick Talk Radio Transmitter: When a vehicle is detected the RQT will transmit a voice alert message to another 2-way radio from 1/2 to 1 mile, per line-of-sight conditions. It can also work through repeaters for increased range.

Quick Talk Transmitter Specifications

Model:	RQT-150 VHF (150-162 MHz) RQT-450 UHF (450-470 MHz)
Typical Range:	Using standard antenna supplied with RQT; 1/2-mile to a portable radio line-of-sight. 1-mile to the Ritron base station line-of-sight. Increased range is possible using a gain antenna on the RQT or a radio repeater.
Battery Life:	1 year when using AA Alkaline batteries or 7,000 transmissions.
Antenna Connector:	BNC, 50 Ohms
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 lb less batteries and antenna.
Switch Inputs:	2 Momentary, Latching, Analog, or Resistance.
Coded Signalling Encoder:	CTCSS, Quiet Call, 51 Tones DCS, Digital Quiet Call, all codes.
Jumper Selectable Features:	<ul style="list-style-type: none"> • Wide (25 kHz or Narrow (12.5 kHz) band deviation. • Non-Compressed or Compressed Transmit Audio (for use with radios using "companded" technology).
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 Alert (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. <i>Note: Special office telephones, speaker telephones, and telephones with lighted dials cannot be used to program the Quick Talk.</i>



Vehicle Probe Technical Specifications

Model:	RVS-P1 Vehicle Sensor Probe
Detection Area:	24 feet
Power Source:	7.5 - 10 VDC
Current Drain:	Standby: < 60 micro-Amps Tripped: 50 mA
Relay Time:	1/2 to 2 seconds
Relay Rating:	Single pole, single throw - normally opens contacts 1 Amp @ 24 VDC (1 mA @ 5 VDC min. load)
Re-trigger Hold-off:	10 seconds
Temperature Range:	- 25°F to + 1500°F (- 32°C to + 750°C)



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Your Ritron Dealer:

visit us at www.ritron.com

Ritron Inc. P. O. Box 1998 Carmel, IN 46032
 800-USA-1-USA (800-872-1-872) · Fax: 317-846-4978
 email: radiocalinbox@ritron.com

©2003 All rights reserved. Ritron, Quiet Call, Quick Assist are registered trademarks of Ritron, Inc. Quick Talk is a trademark of Ritron, Inc. All specifications subject to change without notice.

P/N 14610031 05/03