

Wireless Voice Communication Anywhere! Anytime!

Ideal for Golf Courses, Hotels/Motels, Hospitals, Schools, Public Parks, Amusement Parks, Playgrounds, Roadsides, Marinas, Parking Lots and Garages, Campuses, Shopping Malls, Public Beaches, Campgrounds, Trails, Unattended Gates or for any area where wireless voice communication is needed.

- Affordable 2-way communication callbox
- Easy add-on to existing radio systems
- Programmable VHF/UHF frequencies
- Compact size, only 6.25" X 6.25" X 4.38"
- Simple push-to-talk operation
- Battery powered, 6 D alkaline cells - requires no external power
- External Power/Battery Back-up Option
- Uninterrupted service if commercial power is lost due to weather or natural disaster (requires External Power/Battery Back-up Option).
- OutPost capable of transmitting unique ID code - audible DTMF ANI or subaudible unique digital ID code
- Simple installation for quick relocation or system expansion - no trenching, boring, or wires to run
- Weather resistant enclosure, sealed push button, tough impact resistant enclosure
- Simple installation for quick relocation or system expansion
- No monthly wireline or cellular charges
- Coverage: Up to 150,000 sq. ft. in steel/concrete industrial building or up to 8 floors in multi-level buildings*
- Range: Up to 4 miles on flat ground without obstructions or up to 2 miles around residential buildings*
- One year warranty
- Made in the USA

Finally, there is a low-cost wireless communication solution for fixed locations. Introducing the self-contained wireless callbox system, the Quick Talk OutPost.

The Quick Talk OutPost callbox provides two-way communications over your existing two-way, simplex, repeater, LTR, or PassPort radio system without costly upgrades or capital expenditures. Simply deploy the callboxes in areas where you need them the most; such as late night doorbells, schools, hospitals, delivery/receiving docks, agribusiness, golf courses, gates, amusement parks, help boxes in parking lots and structures.

There is no need for extensive wiring, remodeling, or dedicated phone lines since the Quick Talk OutPost is completely wireless. Install the callbox on any light standard or utility pole, parking deck, entry area or any flat surface. Relocation of the callbox is just as simple. Optional tamper-resistant cover is available as well as a magnetic mount antenna for increased coverage and range.

The Quick Talk OutPost is part of RITRON's wireless solutions for business applications. For more information about this product or any of Ritron's complete product line, call us at **800-USA-1-USA** for details.

*Coverage/Range may vary with conditions



Golf courses



Unattended areas



Instant Communication + Instant Response = Sales

The Quick Talk OutPost will help you increase revenue and customer service while helping you decrease employee and other operating expenses with a simple push-of-a-button.

The Quick Talk OutPost has been designed as a cost-effective wireless voice communication radio that can be installed practically anywhere without costly trenching or boring, or monthly phone charges. Stay ahead of the competition by providing what your customers demand. Service...Service...Service. Your customers demand it. Ritron makes it happen with the Quick Talk OutPost.



Parking lots and garages



Receiving/delivery area

EXAMPLES OF QUICKTALK OUTPOST APPLICATIONS

Golf Courses – generate additional revenue in food and beverage cart sales, proshop sales, slow play situations, and security.

Shopping Centers – provide a safe environment for shoppers that promotes continued patronage and sales throughout the center.

Helpbox – eliminate the need for personnel to be stationed at gates or delivery/receiving docks, will-call areas, lobbies, or other unattended areas.

Hotels/Motels – provide wireless communication for emergencies at the pool area or other common areas.



GENERAL SPECIFICATIONS:

	VHF	UHF	UHF Trunking/Conv
Model No:	RQX-150	RQX-450	RQX-454/454-NP
FCC ID:	AIERT01-150	AIERT01-450	AIERT06-450
FCC Rule Parts:	22, 74, 90	22, 74, 90, 95	80, 90, 74, 22, 95
Frequency Range:	150-155 MHz	460-470 MHz	450-470 MHz
Frequency Separation:	5 MHz Max.	10 MHz Max.	20 MHz Max.
Frequency Steps:	5 kHz	12.5 kHz	12.5 kHz
Frequency Stability	± 5 ppm (-30C to +60C)	Same	±2 ppm (-30C to +60C)
Code Signaling:	CTCSS (Quiet Call) 51 Codes	Same	CTCSS (Quiet Call), DQC, Trunking (LTR/PassPort)
Power Supply:	9 VDC, 6 D Alkaline or Ni-Cd batteries		
Battery Life:	7,000 transmissions w/Alkaline (1 transmission=3 sec TX, 3 sec RX, 10 sec standby)		
Dimensions:	6.25" x 6.25" x 4.38"		
Weight:	1.63 lbs, less batteries and antenna		
Push Button Controls:	On/PTT	On/PTT	On/PTT
Enclosure Materials:	GE-Noryl*, Ultraviolet Stable Water-resistant		
Warranty:	One year	One year	One year
Transmitter			
RF Power Output:	1 Watt, typical	1 Watt, typical	1 Watt, typical
Modulation:	16KOF3E, ±5 kHz deviation	16KOF3E, ±5 kHz deviation	16KOF3E, ±5 kHz deviation 11KOF3E, ±2.5 kHz deviation - 50 dB
Spurious & Harmonics	- 55 dB	- 55 dB	- 55 dB
Audio Response:	Meets FCC & EIA Requirements		
FM Hum Noise:	> - 40 dB	> - 40 dB	> - .43 dB @ 25 kHz > - .37 dB @ 12.5 kHz < 3%
Audio Distortion:	< 3%	< 3%	< 3%
Receiver			
Receiving System:	Dual conversion, superheterodyne		
I.F. System:	10.7 MHz/455 kHz	21.4 MHz/455 kHz	43.65 MHz/450 kHz
L.O. Injection:	Low side	Low side	Low side
Sensitivity	.25µV Max.	.30µV Max.	.30µV Max.
(12 dB SINAD):	.18µV Typical	.25µV Typical	.20µV Typical
Selectivity:	- 65 dB @ 30 kHz	- 65 dB @ 25 kHz	- 60 dB / - 70 dB
Spurious Rejection:	- 65 dB	- 65 dB	- 60 dB / - 70 dB
Image Rejection:	- 50 dB	- 35 dB	- 60 dB / - 70 dB
Intermodulation:	- 65 dB	- 65 dB	- 60 dB / - 70 dB
Modulation Acceptance:	± 7.5 kHz Max.	± 7.5 kHz Max.	± 7.5 kHz Max. ± 3.75 kHz Max.
Audio Output:	750 mW into 8 Ohms with < 5% THD		

*Noryl is a registered trademark of GE-Plastics.

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Quick Talk, Quick Assist, Quick Talk OutPost and Quick Talk LookOut are trademarks of RITRON, Inc.

PN#14610018 00-06

EXPO-12 OPTIONAL EXTERNAL POWER/BATTERY BACK-UP

Power requirements: 11-16 VDC, 1.5 A minimum. Jumper enables trickle charging of Ni-Cd batteries.

Battery Back-up: 6 AA cells Alkaline, Alkaline Lithium, or rechargeable Ni-Cd.

Battery Life: 500 transmissions when using **Alkaline** batteries with 3 seconds talking, 3 seconds listening, and 10 seconds standby time.

1,000 transmissions when using **Alkaline Lithium** batteries with 3 seconds talking, 3 seconds listening, and 10 seconds standby time.

1,000 transmissions when using rechargeable **Ni-Cd** batteries with 3 seconds talking, 3 seconds listening, and 10 seconds standby time.



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