

**NEW!**

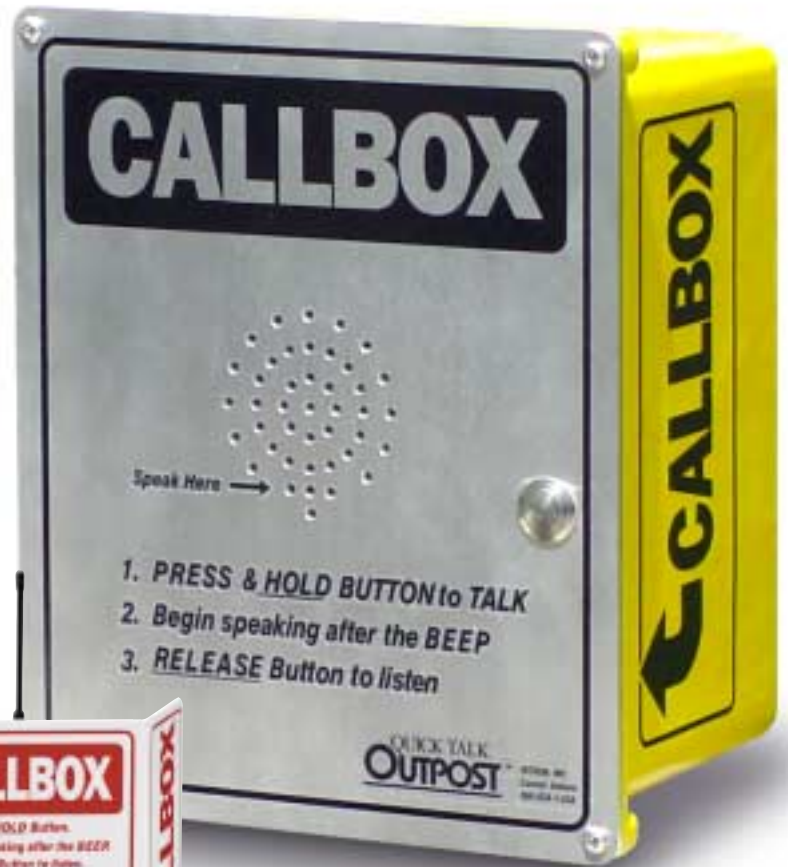
# OUTPOST™ XT

TWO-WAY

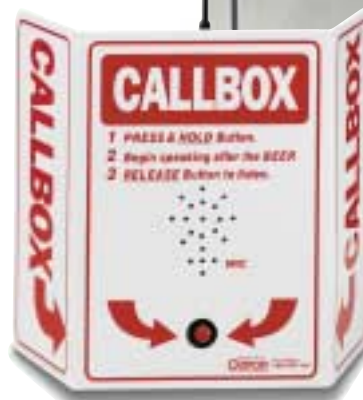
# Radio CallBox

Cost Effective Wireless Communication Solution for Any Location

- VHF/UHF Conventional Models
- UHF LTR and PassPort Trunking Models
- Reinforced Fiberglass Enclosure
- Stainless Steel Faceplate with Tamper Resistant Fasteners
- Sealed, Stainless Steel, Tamper Resistant Push-to-Talk Button
- Sealed RF Electronics Package
- PC Programmable
- CTCSS or Digital\* Coded Squelch
- Built-in DTMF ANI\* Capability for CallBox Monitoring
- Auto Shut-off or "Standby Listening" Feature\*  
Adds an extra measure of security by constantly monitoring channel
- Internal Antenna for 1-Mile Range (line-of-sight coverage)
- External Antenna Options
- Optional External Power Capability Kit



\*RQX-454/XT Model



Basic Model

## Quick Talk OutPost Applications

**Golf Courses** -Effective defibrillator deployment for emergency response, 9th tee food and beverage cart and pro shop sales.

**Shopping Centers** -Provides a safe environment for shoppers that promotes continued patronage and sales throughout the center.

**Hotels/Motels** -Permits wireless communication for emergencies at the pool or other common areas.

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

## Other Uses Include:

- Airports
- Hospitals
- Schools
- Beaches
- Parking Lots
- Campuses
- Greenways
- Marinas
- Pools
- Amusement Parks
- Special Events
- Parking Garages
- Campgrounds
- Construction Sites
- Hiking Trails
- Warehousing
- Manufacturing
- Playgrounds



For nearly three decades, Ritron® has been designing and manufacturing reliable, professional wireless communications products for users worldwide. Ritron wireless products will improve the operation, safety, and profitability of any organization by providing instant voice communication between key employees throughout the workplace.

The Quick Talk OutPost XT provides wireless voice communication from practically anywhere without costly trenching or boring, or monthly phone charges.

Call 800-USA-1-USA (800-872-1-872) for the right wireless solutions to all your communication needs.



Basic Model



XT Model

## GENERAL SPECIFICATIONS:

	VHF	UHF	UHF Trunking/Conv
XT Model No:	RQX-150-XT	RQX-450-XT	RQX-454-XT
Basic Model No:	RQX-150	RQX-450	RQX-454
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	20 MHz Max.
Frequency Stability	± 5 ppm (-30C to +60C)	Same	±2 ppm (-30C to +60C)
Code Signaling:	CTCSS (Quiet Call) 51 Codes	Same	CTCSS (Quiet Call), DTMF ANI, DQC, Trunking (LTR/PassPort)
Power Supply:	9 VDC, 6 D Alkaline or Ni-Cd batteries (all)		
Battery Life:	7,000 transmissions w/Alkaline (all) (1 transmission=3 sec TX, 3 sec RX, 10 sec standby) (all)		
Dimensions:	6.25" x 6.25" x 4.38" (Basic) • 9.5" x 11.25" x 6.25" (XT)		
Weight:	1.63 lbs (Basic) • 7.32lbs. (XT) less batteries and antenna		
Push Button Controls:	On/PTT	On/PTT	On/PTT /or standby listening mode
<b>Transmitter</b>			
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 and 11KOF3E, ±2.5 kHz deviation - 50 dB
Spurious & Harmonics	- 55 dB	- 55 dB	- 55 dB
Audio Response:	Meets FCC & EIA Requirements (all)		
FM Hum Noise:	> - 40 dB	> - 40 dB	> - .43 dB @ 25 kHz > - .37 dB @ 12.5 kHz
Audio Distortion:	< 3%	< 3%	< 3%
<b>Receiver</b>			
Receiving System:	Dual conversion, superheterodyne (all)		
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 (all)		
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## EXPO-12 OPTIONAL EXTERNAL POWER/BATTERY BACK-UP

<b>Power requirements:</b>	11-16 VDC, 1.5 A minimum. Jumper enables trickle charging of Ni-Cd batteries.
<b>Battery Back-up:</b>	6 AA cells Alkaline, Alkaline Lithium, or rechargeable Ni-Cd.
<b>Battery Life:</b>	500 transmissions when using <b>Alkaline</b> batteries with 3 seconds talking, 3 seconds listening, and 10 seconds standby time. 1,000 transmissions when using <b>Alkaline Lithium</b> batteries with 3 seconds talking, 3 seconds listening, and 10 seconds standby time. 1,000 transmissions when using rechargeable <b>Ni-Cd</b> batteries with 3 seconds talking, 3 seconds listening, and 10 seconds standby time.

Your Ritron Dealer:



# RITRON®

...the right wireless solution

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