

**New!**

# Q Series

## 2-Way Radio Callbox

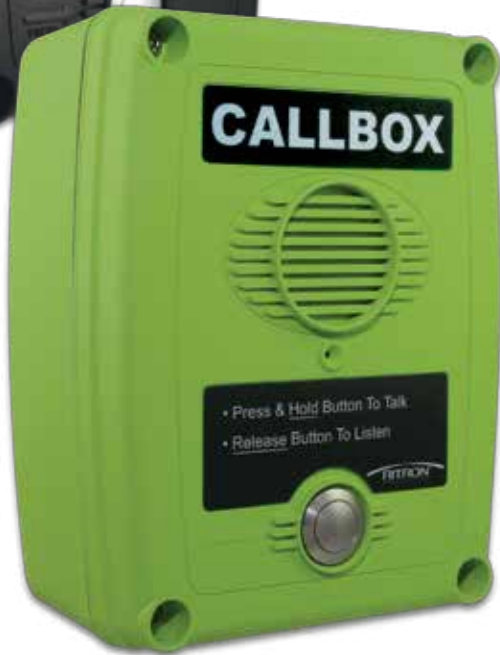
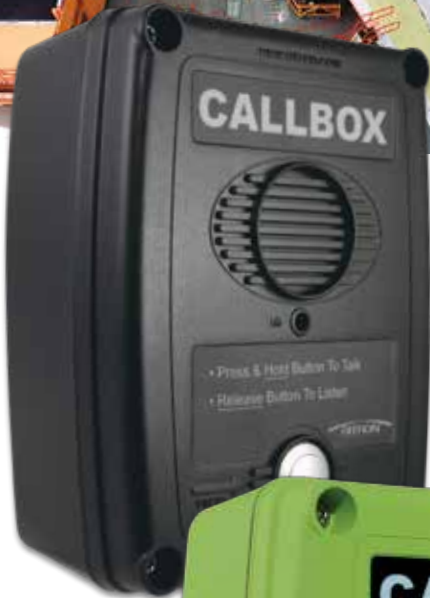
**Narrowband Analog**

**Put Communication Right Where You Need It!** Install the Q-Series radio callbox virtually anywhere to maximize manpower efficiency, improve safety or service response times. Deploys easily — no wires, no trenching, no construction required. Can be used stand-alone using alkaline batteries or can be powered using external AC adapter.

The Q-Series callbox provides long range, (measured in miles, not feet), 2-way communication and allows staff and visitors to communicate with your 2-way radio-equipped personnel from points near and far, — the plant floor, maintenance garage, gated areas, delivery dock or the 9th tee.

### Features and **Benefits:**

- Wireless, 2-Way, Push-To-Talk Narrowband Analog Technology  
**No Costly Trenching or Construction Costs To Install**
- High Performance, Business Band Frequencies  
**Long Range\*—1 Mile, Line-Of-Sight. Works With Virtually Any Other Analog Business Band 2-Way Radio**
- Rugged, High-Impact Gasket Sealed Enclosure  
**Durable, Sealed and Weatherproof For Outdoor Use**
- Internal Antenna, Tough, Machined Aluminum PTT Button  
**Long-Life, Tamper and Vandal-Resistant**
- Battery Powered or External Power Capable  
**Stand-Alone Operation. No Wires. Or Opt. External Powered for Always-On Operation**
- High-Audio Output, High-Gain Mic Capability  
**Adjustable Volume - Loud, Easy To Hear In Loud Environments**
- User Adjustable Settings and PC Programmable  
**Allows Easy, In-The-Field Programming or via PC**
- Built-In Relay Control (7 series models only)  
**Allows Long-Range, Remote Control Of Gates Or Doors**
- Standard Flange Mount Hole Pattern  
**Easy Installation. Optional Mounting Brackets Available**
- Available In Different Colors  
**Pick The Color Best Suited To Meet Your Need:**
  - High Visibility Green and Coal Black
  - Custom Colors Available For Volume Applications



**Applications...** Schools and Day Cares • Manufacturing and Construction Sites • Health Care Facilities • Golf Courses • Gate Secured Areas • Amusement Parks and Resorts



# Compatible Ritron Products...



## Accessories...



Models	Description	TX Pwr Using 3 D-Cells	TX Pwr Using Ext 12VDC Pwr	(7 Series) Includes Built-In Relay, Stored-Voice Msg, Switch Inputs
RQX-111M	MURS VHF, Part 95 License-Free	800mW	2 Watts	No
RQX-x11	(1)VHF or (4)UHF, Part 90 Licensed	(V)800mW, (U)700mW	2 Watts	No
RQX-117M	MURS VHF, Part 95 License-Free	800mW	2 Watts	Yes
RQX-x17	(1)VHF or (4)UHF, Part 90 Licensed	(V)800mW, (U)700mW	2 Watts	Yes
<b>Specifications</b>				
No. of RF Channels:	1			
Companded Audio	On / Off – Field programmable or via PC			
Signaling:	CTCSS & DCS Encode/Decode, DTMF Encode/Decode, SelCal Encode/Decode, 2-Tone Decode Only			
Dimensions:	7" H x 5" W x 3" D			
Weight:	2.75 lbs			
Enclosure Material:	Gasket Sealed, High-Impact Polycarbonate			
Colors:	Black or High-Viz Green			
Environmental:	Splash resistant, shock and vibration per Ritron test			
Operating Temperature:	-20°C to +55°C (-4°F to 131°F) Alkaline battery capacity rating at 0°C is < 50% of rated pwr. Range will decrease at low temperatures when operating on alkaline batteries.			
Relay Switch Output: (7 Series)	Allows remote control of gates/doors. SPDT, 3A, 125VAC/30VDC – NO or NC, NO Default. Momentary/Toggle. Built-in relay switch is activated by a matching SelCal, DTMF or 2-Tone encode signal.			
Sensor Input: (7 Series)	Sensor input responds to an open or closed switch. Can turn Callbox On and automatically transmit msg or warning tone to other radios when input is pulled low.			
Programming:	Field programming of limited parameters and Internal USB Connector used for full PC Programming			
Stored-Voice Message: (7 Series)	Greeting Message -12 seconds max, plays on the callbox speaker when the On/PTT button is 1st pressed			
Alert/ID Message:	4 seconds max, transmitted when the On/PTT button is 1st pressed			
Sensor On Message:	4 seconds max, transmitted when the Sensor Input goes low			
Sensor Off message:	4 seconds max, transmitted when the Sensor Input goes high			
Low Battery Message:	4 seconds max, transmitted when low battery is detected			
Power Fail Message:	4 seconds max, transmitted when loss of External 12 VDC is detected			
<b>Battery Life*</b>				
3, D-Cell Batteries:	Alkaline (Ritron recommends Energizer brand cells)			
Transmissions:	10,000			
Duty Cycle:	3 seconds receive, 3 seconds transmit, 10 seconds standby			

\*Each callbox application is unique, to compute the expected battery life of your callbox application, visit the Ritron Battery Life Calculator at [www.ritron.com/BLcalculator](http://www.ritron.com/BLcalculator).  
 \*\*Actual range may be reduced by man-made obstructions, foliage, or terrain

**Call 800-USA-1-USA (872-1872)**



*Founded in 1977, Ritron, Inc. is a privately held U.S. corporation located in Carmel, Indiana. The company specializes in the design and manufacture of industrial-grade wireless (RF) voice, telemetry and data communication products. It offers innovative wireless solutions for the commercial, industrial, military, OEM and integrator markets.*