

Go Beyond Normal Limits...SM

RITRON[®]
WIRELESS SOLUTIONS

Long Range (covers up to 350,000 sq. ft.) Wireless Intercom

Works With Business Band 2-Way Radios

Made In The USA

Easily Installs At:

- Delivery/Receiving Door • Loading Dock Area
- Employee Entrance • Will Call/Pick Up
- Entrance or Lobby Area • Factory Floor Application



Dramatically improve communication, security and efficiency at any facility with the DoorCom industrial-grade 2-way wireless intercom. Installs easily at any entry point to permit visitors to announce their arrival. The long range performance of the DoorCom allows radio-equipped personnel to receive the call from anywhere in the building and instantly answer back using a portable 2-way radio or desk-top base station radio.

DoorCom helps increase efficiency and maintain security by allowing exterior doors to remain locked. Workers can remain focused and productive until they receive an intercom call. Wasted time is reduced and deliveries and pick-ups are handled more quickly. Approximate range of the system is 350,000sq. ft*. Additional range can be achieved with the optional remote mount antenna (RAM-1545), or in some cases, by adding a Ritron UHF Liberty Repeater.

*Range depends on building structure and topography.

DoorCom[™]
wireless intercom



Better Communication Means Better Decisions. Faster.

Benefits/Features

Improved Security –Secured doors can remain locked. Doors no longer need to be unlocked, propped open or “manned” by a person to permit authorized entry.

Increased Employee Productivity –Employees can remain productive while also monitoring activity at any door, right from their portable 2-way radio or desktop base station.

Eliminates Missed Deliveries –Permits instant communication from delivery drivers and visitors directly to radio-equipped personnel inside the facility.

Helps Maintain Busy Schedules –Instant communication enables coordination and quick response time.

Simple-To-Install –One 20ft. long cable easily connects the radio to the rugged exterior speaker intercom box.

Unique Call-Tone –A unique Call Tone differentiates a DoorCom call from any other radio call.

Flexible Multi-Mode Operation

Callbox Mode: Prevents eavesdropping at the speaker. Speaker turns OFF after a period of inactivity.

Always-On Mode: Incoming calls are always heard on the speaker. Ideal for warehouse and factory floor applications.

Business Band Frequencies–The RDC transceiver can be field-programmed to a set list of table frequencies, or with Ritron software, can be PC programmed to be compatible with virtually any other VHF or UHF 2-way radio system, even radio repeaters. A VHF License-Free MURS model is available.

Innovative 2-Part System

Only the rugged, all-metal (RDC-1) speaker intercom box is mounted on the outside of the facility. The R-series radio transceiver mounts safely inside the facility to provide optimal radio signal coverage to radio-equipped personnel and where it is well protected from vandals and the weather.



2-Way Desktop Base Station

2-Way Portable Radios

The RDC System includes:
R-Series transceiver with mounting bracket, antenna, AC adaptor, RDC-1 external speaker, intercom box and 20' of connecting cable.



Optional Companion 2-Way Radios

Optional RAM-1545 antenna

Ritron DoorCom Wireless Intercom System			
RDC-1 - Speaker Intercom Box:	All Metal Enclosure		
Dimensions:	4"H x 3 3/4"W x 1 3/4"D		
Speaker Output:	1000mW		
Push-To-Talk Button:	Metal, Vandal Resistant, Rated For 1,000,000 Cycles		
Conduit Connections:	Conduit can be attached through back or bottom.		
Mounting Options:	(2) Built-in Side Flanges or via holes in back cover.		
R-Series Transceiver (Indoor Only – unless used with LMH-100 Weatherproof Enclosure)			
Radio Model No:	RDC-146M	RDC-146	RDC-446
Frequency Band:	VHF MURS License-Free	VHF	UHF
Dimensions w/ Bracket:	5 1/2"L x 4" W x 1 3/4"D		
Transmitter Power:	2 Watts	2 Watts	2 Watts
Max Channel Capacity:	10	10	10
Field-Selectable Table Frequencies:	7	19	77
PC Programmable to Custom Frequencies:	No	Yes	Yes
Frequency Steps:	2.5kHz	2.5kHz	6.25kHz
Volume Level Settings:	1-10	1-10	1-10
Field-Selectable Table Privacy Codes:	51 CTCSS Codes/ 104 DCS Codes		
2-Tone Decode Codes (Selective Call):	PC Programmable To Custom Decode Frequencies		
Auto-On After Power Fail:	Yes. Radio Resumes All Previous Settings		
Power Requirements:	12VDC (#JBS-K12) or 110VAC (#RPS-1B)		
Antenna Connector:	BNC (replacement antenna AFB-1545)		
Enclosure:	All-Metal, Durable Powder-Coat Finish		
Connecting Cable (pn#60201121):	20 ft. Shielded Cable (Radio to RDC-1)		
	DOC Canadian Approved Models also available.		

www.ritron.com

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Made In The USA –Buy with confidence. For 35 years Ritron has specialized in the design and manufacture of a wide variety of compatible, time saving wireless communication equipment. Ritron backs its products with full customer service and technical support from its headquarters and factory located in central Indiana.