

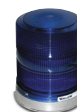


LoudMouth[®]

Wireless PA System

NEW FEATURES

- Message Repeat Function* – Up To 4x
- Optional Strobe Light with Visual “Pre-Alert” Function



Wireless PA / Mass Notification System

The LoudMouth wireless PA system is an ideal solution anywhere a hard-wired PA is either too expensive or is simply impossible to install. Get your message to everyone...from plant-wide to small pinpoint areas to multi-building campuses using your business band portable radio, base station, or radio callbox. It even works with radio repeaters for extended coverage. Position independent wireless receiver/PA speakers anywhere you need them.

The LoudMouth is a cost-effective replacement for worn out hard-wired PA systems and greatly reduces the costs associated with re-wiring a facility. And because it's wireless, it is the ideal way to provide PA coverage to isolated locations or areas where running wire is difficult.

- Position Independent Wireless Receiver/PA's Anywhere
- Improves Communication, Safety/Security and Productivity
- Works With Existing Business Band 2-Way Radios
- Multi-Zone Paging Capability
- Loud, PA Horn Speaker —95dB SPL@ 50 ft.
- PC and Field Programmable Settings
- 110VAC Operation (power supply included)

Applications:

- Schools
- Hotels
- Factories
- Office Buildings
- Hospitals
- Airports
- Marinas
- Country Clubs
- Warehouses
- Lumber Yards
- Salvage Yards
- Boat Yards
- Rental Yards
- Parking Lots
- Construction Sites
- Amusement Parks
- Golf Courses
- Special Events
- Sporting Events



Each LoudMouth PA Includes:
 (1) VHF or UHF radio receiver with built-in 8 Watt audio amplifier,
 (1) indoor/outdoor PA horn speaker with 25ft. cable, (1) flush-mount wall bracket,
 (1) BNC flex antenna,
 (1) AC adapter 110VAC power supply.
 *Range is based on line-of-sight, no obstructions. Obstructions, such as terrain,
 steel and concrete structures will affect overall range and performance of the system.

What is a LoudMouth Wireless PA? The system consists of a business band radio receiver* with a built-in 8 Watt audio amplifier, indoor/outdoor rated PA speaker with a 25ft cord, flex antenna, and 110V AC adapter power supply. The system allows authorized personnel to use a 2-way radio to deliver “live” PA announcements to the factory floor or the parking lot.

* Receiver should be installed indoors and away from the elements. Use optional weatherproof LHM-100 if installing outdoors.

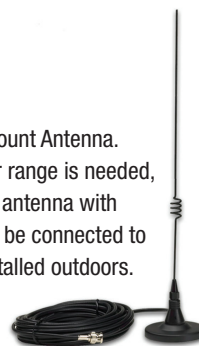
Features/Benefits

- Rugged, Industrial-Grade VHF/UHF Business Band Receiver**
 High performance, small, lightweight and housed in a rugged, gasket-sealed weather-resistant housing. Includes a wall mounting bracket. Receiver is indoor rated only. Install in no-corrosive environments, away from the elements. See optional LMH-100 weatherproof housing for outdoor or other potentially corrosive environments. (7”h x 5”w x 3”d, 2lbs)
- Field Programmable Business Band Frequencies**
 VHF: select 1 of 26 frequencies, UHF: select 1 of 77 frequencies. System is compatible with other business band 2-way radios operating on: 5 VHF License-Free MURS Frequencies or Part 90 Licensed VHF, 150-165MHz, or UHF 450-470MHz Frequencies.
- Automatic Message Repeat* – Up To 4x**
 In Record-And-Play* mode the LM receiver can be programmed to re-broadcast the previously recorded message up to a total of 4 times consecutively.
- Strobe Light Visual Alert**
 An optional strobe light connected to a built-in relay provides added visual indication of a pending PA message. Additionally, in Record-And-Play mode the receiver can be programmed to begin flashing the strobe light up to 20 seconds* BEFORE the actual broadcast of the PA message — a useful safety feature for workers in high noise areas where hearing protection may be required. (Requires optional strobe light and cable pn 60201127.)
- Field Programmable Privacy Codes (digital and analog)**
 Choose from 153 possible codes for added PA security access
- Field Programmable “Paging Codes”**
 Select 1 of 9 different “paging codes” for added PA security access
- “Custom” Configuration via PC Programming:**
 Each model can also be PC programmed to a custom frequency, a privacy code and paging code using dealer only programming software.
- Loud Audio Output**
 The PA horn speaker delivers 95dB of audio output @ 50 feet to get your message out loud and clear.
- Field Programmable to 5 different Volume Settings**
 Allows “best-fit” for a variety of applications
- Security Feature – 9 Auto Speaker Reset Selections**
 (5 seconds up to 4 minutes). After receiver is successfully paged a pre-set timer will begin to countdown. A valid radio signal must be received before the receiver re-sets.
- Supports Up To 2 PA Speakers**
 A single LoudMouth receiver can support up to 2 Ritron PA horn speakers for additional PA coverage. (See optional RYCONN “Y” Adapter and Spare PA Speaker #05500040)
- Multi-Zone Paging Capability**
 Multiple paging zones can be configured using 2-tone codes. Allows properly configured 2-way radios to access more than one PA speaker/zone.
- Operating Temperature: –22° F to +140° F**
- Receiver sensitivity: .20uV @12dB SINAD**
- Frequency Response: 300 to 3000 Hz de-emphasized**
- Signaling Capability: CTCSS and DCS decode, 2-Tone Decode**

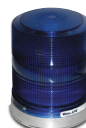
* Certain feature functionality requires the LM Receiver to be programmed in the Record-And-Play mode.

Accessories

RAM-1545 -Mag Mount Antenna.
 If additional receiver range is needed, an optional external antenna with 25 feet of cable can be connected to the receiver and installed outdoors.



PN# RYCONN -Optional “Y” adapter allows use of 2 PA speakers with 1 receiver.



Optional Strobe Light

Strobe Light – can be used with current LM models equipped with relay*. Added safety feature provides “Visual Alert” up to max of 20 seconds prior to actual PA message. Strobe continues to flash for duration of actual PA message. Features included in units w/ SN# A100119000 or higher. Starting 3/2016 forward.

*Requires optional cable pn 60201127.



LMH-100 -Weather proof fiberglass housing



PN# 05500040 -Optional LoudMouth PA Horn Speaker



Note: For proper operation the LoudMouth radio receiver and 2-way radio must operate on the same frequency and tone. For selective paging capability 2-way radio must be capable of 2-tone encoding.

The following Ritron radio models offer 2-tone encode capability:
 VHF Models: JMX-144D, J-V110, PT-150M MURS, PT-150 portables and JBS-146D base station
 UHF Models: JMX-446D, JMX-444D, J-U410, PT-450 portables and JBS-446D base station

Note: Audio feedback is a function of the transmitting radio. To minimize feedback, a distance of at least 50 feet should be maintained between the transmitting radio (radio making the page) and the PA speaker. If radio sending the page is equipped with a headset or other noise-canceling audio accessory the likelihood of audio feedback is greatly reduced. All applications are different and the distance required may vary.

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



About Ritron Inc. - Founded in 1977, Ritron, Inc., is a U.S. company specializing in the design and manufacture of RF wireless voice and data communication products. It offers wireless solutions for commercial, industrial, military, OEM and integrator markets.