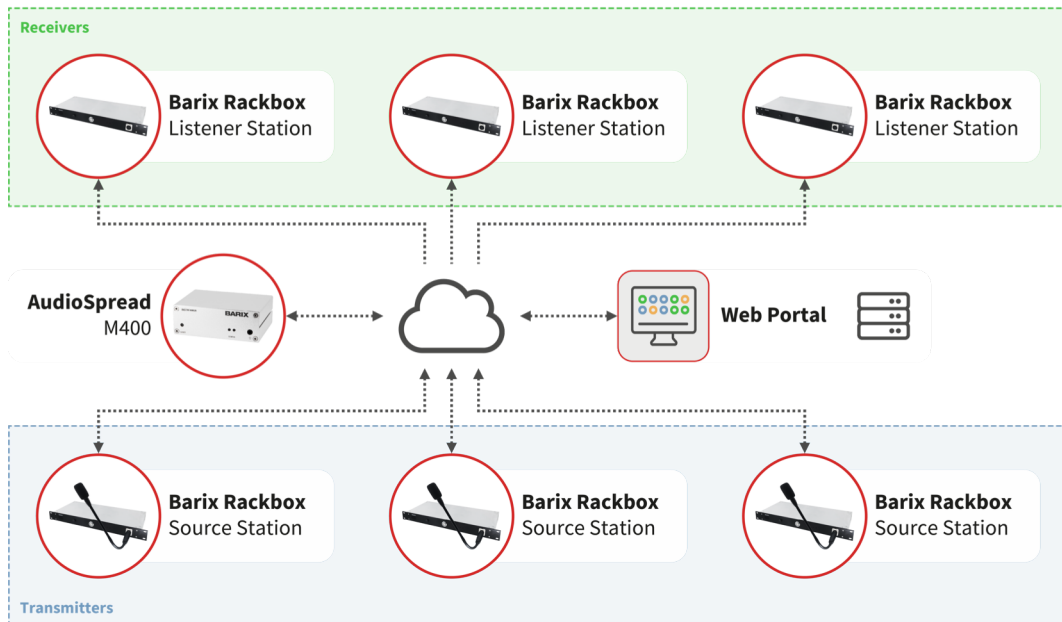


RackBox Intercom

IP based paging system for worldwide announcements, intercoms and emergency paging

The RackBox is an IP based intercom station for any to all communication over the local or wide area network. Its setup consists of an unlimited number of 19" rack mountable RackBoxes, a message routing device (AudioSpread) and a web based management server. The source can be limited to act as receiver or sender. Multi source set ups are possible. The system is designed to be maintenance free, low power (15W) and long lasting. If additional features are requested, the device is ready to receive updates through the management server or an USB stick. The interface provides a graphical overview of the system on a map, as well as showing a status list to monitor station changes onsite.



Features

- Runs on standard IP networks or the internet
- Low bandwidth requirements
- Easy to install
- Simple One-Push button to make an announcement
- Management server for easy system monitoring and configuration
- Supports XLR microphone
- Updatable over the network and by USB Stick
- Relay output

Applications

IP paging system with network wide reach for:

- TV and Radio broadcast affiliates
- Security and institutional
- Military, Aerospace & Government
- Corporate multi-site IP infrastructure

Technical Specifications

Operation System

- Embedded Linux

Network Interfaces

- 1 x Ethernet (RJ45) Interface
- IPv4, IPv6 capable
- 10/100 fdx/hdx, auto negotiation

Audio Interface

- 1W RMS Internal Speaker
- 1 x XLR Microphone Input with pre-amplification

- Phantom Power on Microphone
- Balanced in/out interface on screw terminal block, 0dBu level

Audio Formats

- uLaw 24KHz Audio Codec sent as an RTP stream

USB

- Double USB connector type A female

CPU / Memory

- Barix IPAM400 Processor Module
- Quad-Core ARM Cortex™ -A7
- 256MByte DDR3 SDRAM
- 16MB SPI Flash
- 8GB SD-Card Flash

Hardware Interface

- 1 x Push Button
- 2 x Multicolor LED Status indicators
- Reset & Factory Defaults Button

- 1 x Volume Control
- Relay output

Power Requirements

- 125-230VAC 15W 50-60Hz

Measurement / Mechanics

- 19" x 8.66" x 1,97" / 480mm x 220mm x 50mm

Weight

- 1520g

Environmental

Operating Environment

0°C to + 50° / 32 to 122°F environmental
0 - 70% relative humidity, non-condensing

Storage Conditions

-20 to +70°C / -4 to 158°F
0 - 70% relative humidity, non-condensing

Certifications

FCC and CE

Warranty

1 year

Ordering Information

2020.9303P RackBox Intercom EU Package
2020.9303P RackBox Intercom US Package
2020.9303P RackBox Intercom UK Package
2020.9303P RackBox Intercom No PSU Package
2020.9303P RackBox Management Server Software

2017.9217 Audiopoint EU Package (incl. AudioSpread)
2017.9218 Audiopoint US Package (incl. AudioSpread)
2017.9219 Audiopoint UK Package (incl. AudioSpread)
2017.9220 Audiopoint No PSU Package (incl. AudioS.)

This product can be customized with extra features. Contact us for a quote.



For commercial related questions (distributors contacts, price list, business opportunities) please contact:

sales@barix.com



For technical inquiries (problem reports, request for documentation, etc.) please contact:

support@barix.com



Remote Management

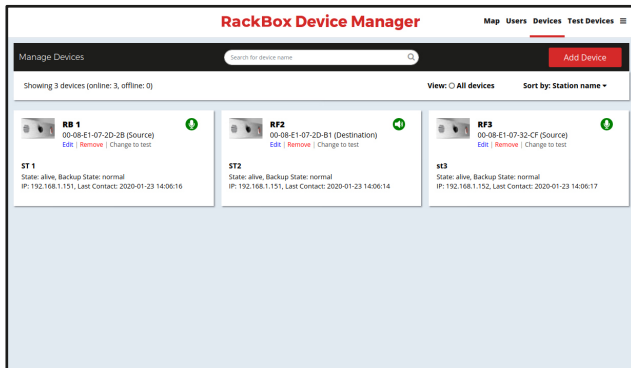
Each device' status is monitored constantly and can be functional tested, depending on the user role.

Cloud Configuration

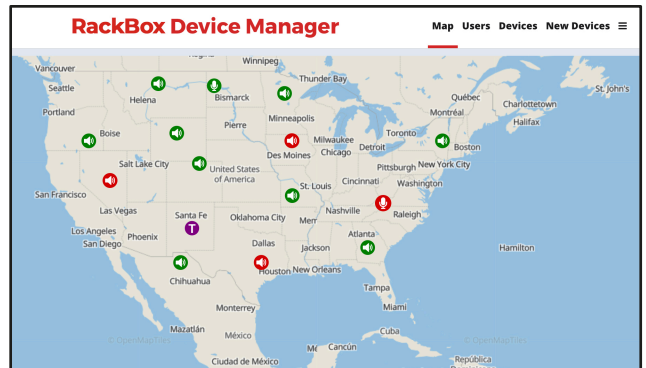
The platform allows to add new devices and configure them. Alternative USB config available.

Speaker and Receiver

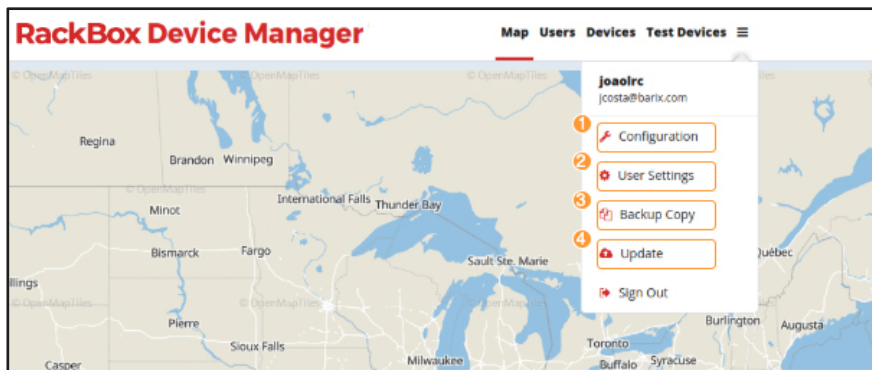
A RackBox functions as a receiver, speaker or both. Set allowances for clear communication paths.



Individual management of each device



Device status visible on local map



Remote maintenance functionality

Ideal for radio and TV broadcasters, as well as security, or any situation room setup where groups around the globe need to be streamlined. Information flows to each group simultaneously via a reliable RTP stream.

At an event, the built in speakers can announce the critical message. Either one, multiple or all stations are allowed to page, while the rest listens.

Individual configuration is possible by the administrator, adding devices and users with limited rights. For easy maintenance, the management server is monitoring the status of each device. It is deployed into the organizations secure network infrastructure.