



Configuration:

AURI-RX1 Auri™ Receiver

Product Overview:

The Auri Audio Receiver (AURI-RX1) is a state-of-the-art assistive listening device that enables venues to provide hearing assistance while meeting accessibility compliance. Audio is broadcast in real-time from an Auri Transmitter via Bluetooth Low Energy (BLE) directly to RX1 receivers. Venues can lend receivers to guests for high-quality, low-latency audio.

Compact and high-performing, the Auri Receiver ensures best-in-class audio pickup with reduced noise. It offers an easy-to-use, manageable solution for assistive listening in houses of worship, theaters, lecture halls, and other venues.

The RX1 features a built-in rechargeable battery for economical, eco-friendly operation. Its docking station port allows for quick charging, simple firmware updates, and programming using the free Auri Manager Software.

The RX1 is convenient to wear, with an integrated neck loop and lanyard for T-coil hearing aids. Its OLED display shows channel status, battery life, and other key details.

Download the most current data sheet (November 2024), subject to change. Check back regularly for updates

Highlights:

- Supports integrated neck loop lanyards for people with T-coil-equipped hearing aids
- Scans for all Auri broadcasts or locks to one or more predetermined channels
- Supports open and encrypted broadcasts
- All-day battery life

Includes:

One (1) AURI-RX1 Auri Receiver One (1) LA-367 Lithium Polymer Battery 3.7V – 750 mAh One (1) Quick Start Guide One (1) Safety Data Sheet

Product Specification: Auri Receiver	
Audio Output	
Connection	2x 3.5mm TRRS connections for wired headphones or inductive neck loops, supports TRS or TRRS headphones
Nominal Output Level	0 dBu, 16mW maximum
Impedance	32Ω
Audio Processing	
Frequency Response +/- 3 dB (system)	16 kHz sample rate: 50 Hz – 7.5 kHz, 24 kHz sample rate: 50 Hz – 11.0 kHz, 48 kHz sample rate: 50 Hz – 19.5 kHz

Product Specification: Auri Receiver	
THD+N (system)	< 0.5% Total Harmonic Distortion (at nominal level)
Signal to Noise Ratio (system)	> 60 dB (at nominal level)
Latency (system)	Auri RX1 - 29 ms to 45 ms dependent on sample rate and mono/stereo
Radio	
Bluetooth version	5.3
Operating Frequency	2400 to 2484 MHz
Operating Mode	Auracast™ Compliant, Broadcast Receive Only
Supported Codec	LC3
Encryption	AES128-CCM encryption, with 4-16 character password
Supported Formats	Mono or Stereo
Physical	
Dimensions (H x W x D) with Belt Clip	9 x 5.4 x 2.4 cm (3.93 x 2.13 W x 0.93 in.)
Controls	
Buttons	Power, Volume Up/Down, Two Front Multifunction Soft Buttons
User Control	Power on/off, display on/off, channel selection, volume up/down
Setup/Programming	Via Auri™ Manager Software/Docking Station
Indicators	
Display	31 x 16 mm (1.22 x .63 in), 64 x 128 pixel OLED display
Display contents	Channel playing, available channels, battery level with time remaining, signal strength, volume status, charging status
Light Sensor	Visible light, automatically adjusts display brightness
Status LED	RGB multi-function LED, see handbook for all states
Power and Charging	
Power Supply	USB-C PD Compliant or Docking Station - 5V, 500mA
Dock Connection	4 contacts w/ magnetic latch for charging and programming via docking station
Battery Type	Lithium Polymer, rechargeable, field replaceable
Battery Size	3.7 Vdc, 730 mAh
Battery Life	> 20 hours
Battery Charge Time	Fully charged in < 4 hours (dead battery)
Power Save Modes	Auto Off - powers down on loss of audio (adjustable 0 - 30 minutes)
	Auto Power - powers down on charging and powers on when removed
	Jack Sense - powers down when jack is disconnected (1 min), powers on when jack inserted
Physical	
Dimensions (H x W x D) with Belt Clip	90 x 54 x 23 mm (3.54 x 2.13 x 0.91 in.)
Unit Dimensions (H x W x D)	90 x 52 x 16 mm (3.54 x 2.05 x 0.63 in.)
Unit Weight	0.07 kg (0.15 lbs.)
Shipping Weight	0.09 kg (0.20 lbs.)

Product Specification: Auri Receiver	
Enclosure material	PC plastic (IR transparent)
Color	Black, Chrome Volume Buttons
Belt Clip	Removable
Battery Door	Removable for battery replacement
Environmental	
Temperature – Storage	-40 °C (-40 °F) to 70 °C (+158 °F)
Temperature – Operation	-10 °C (14 °F) to 40 °C (+104 °F)
Relative Humidity	0 to 95% relative humidity, non-condensing
IP Rating	IP40
Compliance	
Standards	CE, UKCA, RCM, REACH, WEEE
* Specifications subject to change without notice.	