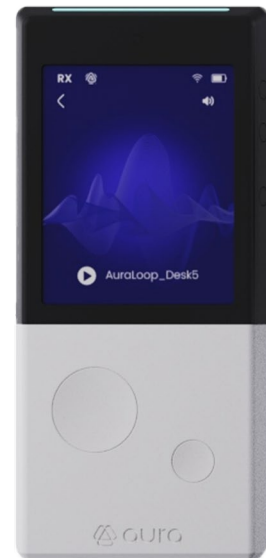


# AuraSTRX

The AuraSTRX is an Auracast™ receiver and transmitter designed for portable use, offering an innovative and accessible audio solution. Thanks to its built-in microphone, it enables high-quality audio broadcast to Auracast™-compatible devices (in TX mode), or reception of an Auracast™ signal (in RX mode). It supports the connection of a magnetic collar to transmit sound directly to hearing aids equipped with a T (magnetic loop) position.



## RF

Connectivity	Bluetooth 5.2 (BLE)
Operation frequency	2.402 to 2.480 MHz
Auracast™ mode	Transmitter or receiver
Encryption	AES-CCM
Transmitter power	10 dBm (European Union) and 20 dBm (United States of America)
Reception sensitivity	- 95 dBm

## CONTROL

Touch screen	2,8-inch, LCD
Mechanical	L5 buttons
Configuration	Screen or AuraConnect application
Update	AuraConnect application

## PERIPHERALS

QR code reader	Connect to broadcast
Light sensor	Adjust screen brightness
Proximity sensor	Detect user
Accelerometer	Detect position of AuraSTRX
Status LED	RGB multifunction

## AUDIO INPUT

Mode	Stereo or Mono
Connection	3,5 mm, 3 or 4 pins
Impedance	16 or 32 Ohm
Nominal input	57 mW RMS per channel

## AUDIO INPUT

Connection	3,5 mm, 4 pins
Input	Micro via Jack 3,5 mm

## MECHANICAL SPECIFICATION

Dimensions	130 x 60 x 14
Net weight	85 g
Temperature storage	-15 to 60°C
Protection rating	IP64

## AUDIO PROCESSING

Sample rate	16 kHz
	24 kHz
	48 kHz
Codec	LC
Frequency responses	16 kHz : 50 to 7.500 Hz
	24 kHz : 50 to 11.000 Hz
	48 kHz : 50 to 19.500 Hz
Latency	30 ms with AuraGate

## POWER AND CHARGING

Power supply	USB-C or docking station
Power	5 V, 500 mA
Dock connection	USB-C
Battery	3,7 V, 1700 mAh

## AUTONOMY

Screen always ON, TX, @10dBm	> 8 hours
Screen OFF, TX, @10dBm	> 20 hours
Screen always ON, RX	> 10 hours
Screen OFF, RX	> 50 hours

## RECEIVER MODE

- Auracast™ receiver with automatic stream scanning.
- QR Code connection to Auracast™ streams.
- Automatic screen brightness adjustment based on ambient light.
- Intelligent screen shut-off thanks to the accelerometer.
- Simplified configuration with EasyConfig: NFC, Bluetooth via the AuraConnect application, or the charging station
- Identify a guided tour group by colouring the screen or LED banner.

## RECEIVER MODE

- QR Code sharing. Built-in microphone that activates automatically via accelerometer.
- Simplified configuration with EasyConfig: NFC, Bluetooth via the AuraConnect application, or the charging station
- Identify a guided tour group by colouring the screen or LED banner.

