



Configuration:

LWR-1020-A1 Wi-Fi Audio Receiver 1020
(USA)

Product Overview:

The Wi-Fi Audio Receiver 1020 is a dedicated assistive listening receiver for use with a Listen EVERYWHERE server, allowing venues to meet ADA compliance with an audio over Wi-Fi assistive listening solution. Venues can simply lend receivers to guests who want to hear the audio loud and clear. Experience great quality audio and industry-leading low latency audio at your venue with the Listen EVERYWHERE Wi-Fi Audio Receiver 1020.

Customize the Wi-Fi Audio Receiver 1020 with the free Listen EVERYWHERE Cloud Services tool. Easily reflect your venue branding by customizing the app theme colors, channel names and images, welcome videos or logos, and sliding banners to personalize your guest's experience.

From houses of worship to theaters, higher education and more, the Wi-Fi Audio Receiver 1020 is an excellent assistive listening choice.

This is a recycled mobile device, which has been altered to perform only the function of assistive listening via the Listen EVERYWHERE application, with no other device services or applications accessible. This product is being offered to you from Listen Technologies who has no affiliation with the original manufacturer (OM), Samsung Electronics Co., Ltd, or any carrier. OM has not recycled this mobile device, is not related in any way to the parties who have recycled, repurposed, and repackaged it, and expressly disclaims all warranties with respect to its performance. OM will not provide any product or service assistance, product use information, software upgrades, rebates, or recalls. All product warranties and service assistance are offered solely from Listen Technologies.

Highlights:

- Meet ADA compliance with dedicated Wi-Fi Audio Receiver
- Unlimited channel support
- Low Latency ([see demo video](#))
- Great quality and reliability
- Simple to setup
- Extremely easy for guests to use
- Supports Bluetooth® connectivity to headphones, speakers, and hearing aids
- Supports hearing aid telecoils with optional Neck Loop accessory (LA-166)

Includes:

One (1) LWR-1020 Wi-Fi Audio Receiver 1020 One (1) USB Power Adaptor, White One (1) USB-A to USB-C cable, 30" White One (1) Quick Start Guide

Product Specification: Listen EVERYWHERE Wi-Fi Audio Receiver 1020	
Physical	
Dimensions (H x W x D)	164 x 75.8 x 8.9 mm (6.46 x 2.98 x 0.35 in)
Unit Weight	205 g (7.23 oz)
Shipping Weight	363 g (12.8 oz)
Enclosure material	Glass front, plastic back, plastic frame
Display	6.5 inches, 720 x 1600 pixels
Color	Black
User Controls	Volume, Wi-Fi Connection, Bluetooth Pairing, Channel Selection, Display on/off
Headphone Connection	3.5mm (1/8") Headphone Jack, TRRS, CTIA Compliant
USB Connection	USB Type C for power and charging
Audio	
Audio Output Method	Loudspeaker, 3.5mm Headphone, Bluetooth Connection
Frequency Response (system)	20 Hz - 20 kHz \pm 1dB (at nominal input level)
Distortion (system)	< 1% Total Harmonic Distortion (at nominal input level)
Signal to Noise Ratio (system)	> 74 dB (at nominal input level)
Dynamic Range (system)	86 dB
Latency (system)	80 mS (may vary per network)
Communications	
Wireless Frequencies	2.4 GHz & 5 GHz Access Points
Wireless Support	802.11 b/g/n
Bandwidth Use	125 kbps (when actively playing audio)
Bluetooth	5.0, A2DP, LE
USB	Type-C (reversible), USB 2.0
Channel Security	AES-128-CBC Encryption (Private Channels enabled)
Controls	
User Controls	Power on/off, display on/off, channel selection, volume up/down
Connections	Wi-Fi connections, Bluetooth connections (side key double tap)
Programming	App customizations available via Cloud Services tool (see Customizations)
Indicators	
Display	Current playing channel, available audio channels, battery level and percentage, Wi-Fi signal strength, local time (NTP), volume status, charging status
Power & Charging	
Power Supply Input	100-240 VAC, 50-60 Hz
Power Supply Output	USB Type C connector, 9V/1.67A (adaptive fast charge) or 5V/2A
Battery Type	Lithium Polymer (Li-Po), non-removable
Battery Size	5000 mAh

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Battery Life	30 hours of audio streaming
Battery Charging Time	Fully charged in 2.5 hours (adaptive fast charge)
Customizations	
App Theme	Primary/Secondary Colors in the app can be set via Cloud Services
Welcome Ad	Welcome Video/Logo and skip time customizable, via Cloud Services
Channel Names	13 characters maximum, customized via Cloud Services
Channel Logos	Small and Large channel logos supported, customized via Cloud Services
Sliding Banners	Up to six sliding banners can be assigned and scheduled, via Cloud Services
Compliance	
Regulatory Standards	FCC
Specifications subject to change without notice	