

IP Audio Encoder / Decoder



Description

The Wahsega Labs IP Audio Encoder/Decoder can decode IP audio streams to play out over analog speakers or encode analog mono audio sources using various codecs and then stream over the network to any client that can receive multicast audio.

The IP Audio Encoder/Decoder is available in a single-channel or a two-channel version, both of which are fully configurable via easy-to-use integrated webpages. Each channel can be controlled independently in the two-channel unit, so the user can play two separate audio announcements over speakers in different zones across multiple floors or even multiple buildings, using only one IP endpoint.

Setup and configuration for both the single-channel and two-channel unit is extremely simple, enabling the device to be used in multiple industries such as VoIP, broadcasting and remote monitoring.

Features

- Available in single or 2-channel configurations
- SIP Compliant
- Fully configurable via simple webpages
- Easy installation
- Built in Web server
- Remote firmware upgradeable
- Software/configuration reset button
- Multiple mono codecs to choose from
- Customizable line level output gain
- 10/100 Ethernet port with Power-over-Ethernet (802.3af PoE)
- +9V to +16V DC input (if not using PoE)
- Standard 35mm DIN Rail (top-hat) mounting on bottom or side in any orientation

Job Name: **Model Numbers:** **Date:**

Location: **Notes:**

Specifications

- Ethernet: 10/100 Mbps
- Power Input: PoE 802.3af
or +9V to +16V DC input
- Protocol: SIP RFC 3261 compatible
- Audio Codecs: G.711, G.726 (16/24/32/40kbps), G.722, DVI4 (narrow/HD/Ultra HD), Linear PCM, iLBC, Speex, SILK
- Current Draw: <1W
- Impedance: 600Ω
- Max Cable Length: 100m (per standard)
- Temperature Range: -40°C to +85°C
- Output Trim Range (Web configurable): +4dBu to -10dBV nominal
- Construction: Aluminum extrusion with steel faceplates
- Regulatory Compliance: FCC Class B
- Dimensions: 1.87" H x 4.75" W x 5.55" D
- Warranty: 2 years limited

Model Numbers

Wahsega Labs	IP Audio	Encoder/Decoder	Channels
WL	IP	ENDC	2CH
Wahsega Labs	IP Audio	Encoder/Decoder	1-CH = Single Channel 2-CH = 2-Channel

WL-IP-ENDC-1CH

Wahsega Labs
IP Audio
Encoder/Decoder
Single Channel

WL-IP-ENDC-2CH

Wahsega Labs
IP Audio
Encoder/Decoder
2-Channel

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