

IP-A1AF

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IP Audio Interface

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The IP-A1AF is an IP Audio Interface that decodes IP audio streams into analog signals. Analog audio and control outputs can be connected to an external amplifier for scaling up the system capability. It shall be powered by way of PoE+ (IEEE 802.3at) or PoE (IEEE 802.3af) switching hubs. The unit contains 1 channel for each of Audio Output and Control Output with 2 channels for Control Input. The unit is compatible with the following broadcast modes. SIP Broadcasting/SIP calling on LAN based SIP servers, Multicast Broadcasting, VMS Broadcasting ONVIF Audio Backchannel, Internal Message Broadcasting and Local Broadcasting (Line/Mic In). The audio interface is capable of prioritizing broadcasting modes to override lower priority broadcasting. The unit shall have individual offset adjustable volumes for each broadcasting mode. Volume can be normalized or optimized. Broadcasts can be controlled using Remote API or control inputs from connected external equipment. Connected external equipment can be controlled by control outputs in synchronization with speaker broadcasts. The audio interface can work as a standalone mini-amplifier for local broadcasting. Capable of 20 internal messages in WAV or MP3 format up to 80MB MAX capacity. Supports TCP/IP, UDP, HTTP, RTP, RTCP, ARP, ICMP, IGMPv3, NTP, SIP (RFC3261) network protocols. Operating system required is Windows 10 and 11. The unit shall be 126 (W) x 33 (H) x 80 (D) mm (4.96" x 1.3" x 3.15") and it shall weigh 0.39 kg (0.86lbs).

The audio interface shall be TOA model IP-A1AF