IP-A1AF

IP Audio Interface

The IP audio interface shall be able to convert analogue and digital audio streams from SIP, ONVIF or Multicast for example, into analogue signals for the purpose of broadcasting public announcements. Broadcast shall be able to be controlled using remote HTTP control API or control inputs from connected external equipment and local inputs. The IP audio interface shall have an internal 15 watt Class D type amplifier for the purpose of driving external 8 Ω low impedance loudspeakers and the system shall be able to be expanded by utilizing audio and control outputs to an external amplifier and loudspeakers. The IP audio interface shall offer priority status among the various broadcast modes that will override and interrupt a lower priority broadcast. The IP audio interface shall have an electronically balanced 10k Ω audio input with LINE/MIC selection and a 600 Ω electronically balanced output. The audio input shall have an independent volume control on the front panel that can only be adjusted by using a screwdriver. Twenty multi-cast ports shall be available for group paging and shall have the facility of storing up to twenty audio files with the code of WAV or MP3 format internally. The device shall have the flexibility of broadcasting these files at predetermined times by setting the start and end time along with the day(s) of the week, or repeated when necessary, triggered from a control input or from remote API (HTTP). The IP audio interface shall be capable of being muted by TOA IP-A1PG Paging Gateway as the highest priority operation. Remote settings shall be achieved by connection to a Windows® based personal computer and by using the PC's browser, operational settings, functions and system status can be established. Power source shall be supplied from a PoE+ switching hub.
The IP audio interface shall be housed in black treated steel plate and its dimension shall be 126 (W) x 33 (H) x 80 (D) mm (4.96" x 1.3" x 3.15") weighing
390 g (0.86 lbs).

Manufacturer: TOA Corporation
Model: IP-A1AF