



## **Power Amplifier**

### **GENERAL DESCRIPTION**

The APA-2016 Audiotec Power Amplifier is a VoIP 2-channel 25-volt amplifier ideal for analog paging and intercoms wired to relay switch banks. Each channel has 16 watts. Ideal for upgrading an existing analog system. Based on Non-Proprietary/Open Source and Open Standard SIP & MQTT protocols using cutting edge embedded hardware.

### **FEATURES and SPECIFICATIONS**

- Half duplex audio channel connects to the control room intercom master
- 2 channels of 25-volt audio at 16 watts per channel. Each channel provides an independent non-blocking half duplex talk path
- Supports Push, Pull, and Push-Pull audio signals
- Built with modern programming languages on Linux
- 1 rack unit mounting chassis
- Ideal for use in replacing existing 25-volt intercom power amplifiers
- High-performance audio codecs with 16-bit audio
- Built-in protection from overloads and thermal runaway
- Powered from a single 24-volt 4-amp class 2 power supply, not included
- Max current draw is 3.0 Amps
- RJ-45 10/100/1000 Base-T Ethernet connection
- Remote diagnostics, upgrades, and configuration
- 1 3/4"x19"x9 1/8", (H x W x L)
- 16 – 22 AWG wire to connectors
- Designed, Engineered, and Manufactured in the U.S.A.

