TERRACOM™

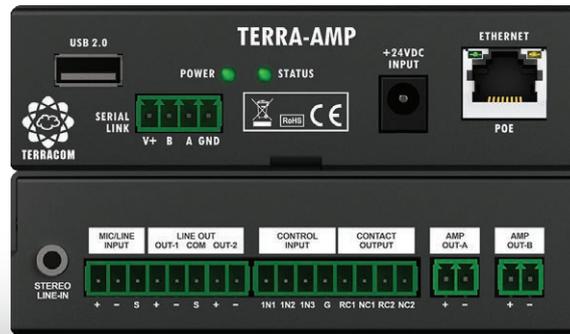**TERRA-AMP** — AMPLIFIED IP TERMINAL (2 X 15W)

CHARACTERISTICS

- 1 mic/line balanced input
- 2 balanced line outputs (1 stereo or 2 mono)
- 15W x 2 (8 ohm) amplifier outputs (6W x 2 by PoE)
- Rated loaded capacitance: 680 nf
- 1 stereo line input (3.5 mm mini-jack) for headphone
- Frequency response: 20 Hz ~ 20 kHz
- Maximum input/output level: 5 dBu
- Single STP CAT5/6 cable connectivity for audio and control
- PoE or 24 VDC power supply (if PoE is not available)
- Full duplex intercom with AEC (Acoustic Echo Cancellation) and NR (Noise Reduction)
- Web browser interface for device management and monitor
- SNMP (Simple Network Management Protocol) for device management on IP networks
- One USB 2.0 interface for recording, message and music files
- Power LED and Status LED indicators
- 3 contact inputs and 2 contact outputs
- RS232 or RS485 for 3rd party control
- Power consumption: 30W
- Weight: 1 lb (460g)
- Dimensions (D x H x W): 4" x 1-1/4" x 4-3/10" (104 x 32 x 109 mm)

Function	Supported Audio Codec
SIP	G.711 ulaw, G.711 alaw, G.722, G.726-32, G.727-32, G.729, PCM16K
SHOUTcast icecast	G.711 ulaw, G.711 alaw, G.722, G.726-32, G.727-32, G.729, PCM16K, MP3, PCM16K
Stream	G.711 ulaw, G.711 alaw, G.722, WAVE, MP3, PCM16K
Record	G.711 ulaw, G.711 alaw, G.722, WAV, MP3

ORDERING INFORMATION

TERRA-AMP	2 x 15W (8 ohm) Amplified IP Terminal (3.5 mm stereo in x 1, mic/line x 1, stereo OUT x 1 or mono x 2, stereo line-OUT x 1 or mono x 2, input contact x 3, relay output contact x 2, RS232 x 1)
TERRA-AMP4	2 x 15W (8 ohm) Amplified IP Terminal (3.5 mm stereo in x 1, mic/line x 1, stereo OUT x 1 or mono x 2, stereo line-OUT x 1 or mono x 2, input contact x 3, relay output contact x 2, RS485 x 1)

TERRACOM SYSTEM

The TERRACOM audio communication, messaging and intercommunication platform is a suite of products designed to transmit live audio paging, stored messaging, background music, 2-way intercommunications, control input/output triggers, and audio monitoring over TCP/IP. The TERRACOM range supports POE (Power over Ethernet), and/or can be powered locally with external 24VDC power supply. The network infrastructure of TERRACOM uses any existing network, and via a router will allow connection to the Internet for transmission and control.

A built-in web browser interface allows simplified control and programming of the TERRACOM devices. In addition, by using the TerraManager GUI-based control software, call-paging, full duplex intercom, paging groups, zones selection, audio routing, recording, event scheduler, device I/O monitoring and other control functions and device management can be easily programmed and operated.

The TERRA-AMP is an IP audio terminal with 15W x 2 amplifier built-in on two independent balanced outputs, USB flash memory interface for playlist backups or pre-recorded announcement, 1 mic/line balanced input, 3 contact inputs and 2 contact outputs. The TERRA-AMP supports, AAC+ decoder, paging with unicast, multicast, broadcast, as well as NR (Noise Reduction).

APPLICATIONS

The TERRACOM range of devices can be utilised within a variety of applications for real time broadcasting, intercommunication, music playback etc. whilst additionally allowing integration with logic control for light, curtain, TV or air conditioning on/off via RS232, RS485 or Ethernet.