

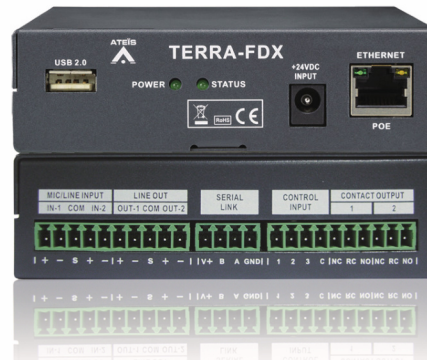


### TERRA-FDX

FULL DUPLEX COMPACT AUDIO OVER IP BOX

#### TERRA-FDX CHARACTERISTICS

- 2 Mic/line balanced inputs
- 2 independent balanced outputs
- Audio inputs/ outputs: maximum level + 5dB, bandwidth 20 Hz ~ 20 kHz
- PoE or 24 VDC power supply (if PoE is not available)
- G.711, G.722, G.726, G.727, G.729, MP3 audio codec and AAC+ decoder
- Web-browser interface for device management can be accessed by end users
- SNMP(Simple Network Management Protocol) for device management on IP Networks
- Message storage for playback and recording
- 1 x optional USB 2.0 interface for music, message and recording
- Internal 80MB storage for recording, message storage
- Power & Status LED indications
- 3 x contact inputs and 2 x contact outputs
- 1 x RS232 on Euro Block
- Power consumption: 2.66 W
- Weight: 430g (0.95 lbs)
- Dimensions (DxHxW): 104mm x 32mm x 109mm (4" x 1-1/4" x 4-3/10")



As a new level of Inter-company Audio & Communication System; TERRACOM presents an innovative IP/SIP based intercom system that has NO centralized equipment or matrix. The network itself is the switching matrix over local network and internet. TERRACOM also communicates with traditional phone and IP phone systems over network. It can be easily configured using a standard web-browser, TERRA Manager or TERRA Server that is suitable for system management, such as configure and monitor all system devices; as well as other functions including music streaming, internet paging, remote control and message routing ...just to name a few.

TERRACOM devices are equipped with G.711, G.722, G.726, G.727, G.729, MP3 audio codec and AAC+ decoder, paging with unicast, multicast and broadcast, implemented with AEC (Acoustic Echo Cancellation) as well as NR (Noise Reduction) technologies, power supplied via PoE and/or AC/DC power adaptor and event scheduler for audio and messages control.

TERRA-FDX is a special design for paging and intercom systems, which offers the possibility to create bidirectional IP links for high audio quality and voice, contacts and serial data.

#### Applications

TERRA devices can be applied in hotel, airport, train stations, yachts, education institution, retail store, factory and stadium for real-time broadcasting, intercommunication, music playing, etc. For broader use, "Integration Automation with Home & Office Appliances" using user interfaces for on/off logic controls on lights, curtains, TV or air-conditioning over network or RS232/RS485.

