

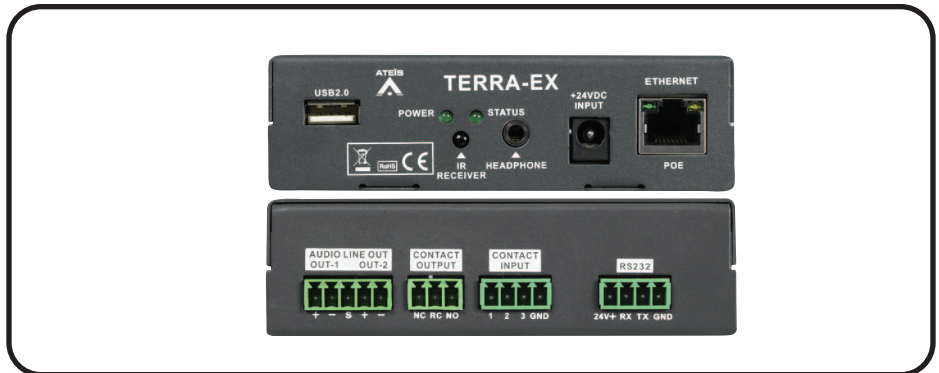
# TERRACOMM TERRA-EX



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## FEATURES

- 2 balanced independent line outputs
- 1 headphone output on mini-jack.
- Audio outputs: maximum level + 5 dB, bandwidth 20 Hz - 20 kHz
- Ethernet interface including POE (Power over Ethernet).
- 24VDC power supply (if no POE available) - not included.
- G.711, G.722, MP3, AAC (Shoutcast/Icecast) audio decoding.
- 1 USB port for USB memory stick
- Power & Status LED.
- 3 control inputs
- 1 FORM-C relay output
- 1 RS 232 serial control input on Euro Block
- Power consumption: 2 W @ 24 VDC
- Weight: less than 16 Oz.
- Dimensions (mm): Depth 4", Height 1.25", and Width 4.30".



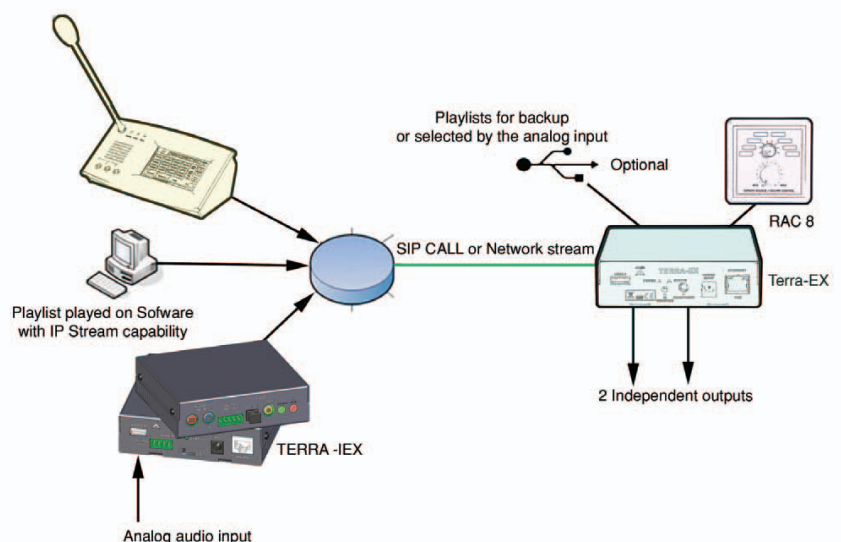
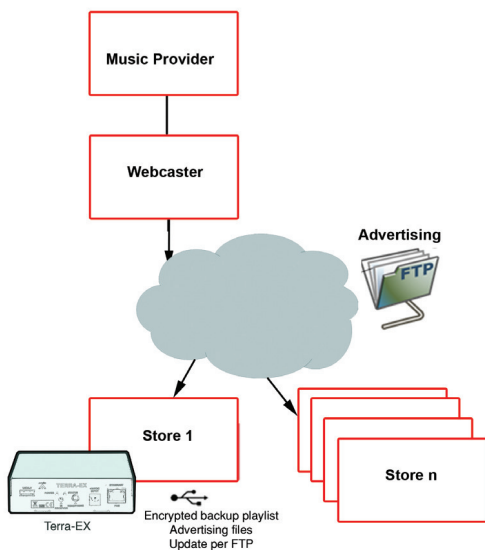
## DESCRIPTION

TERRA-EX is an IP audio decoder with a USB flash memory interface for playlist backup or prerecorded announcement. Since the output device is the most price sensitive part of an IP audio system, ATEiS has proposed the best cost effective output device with 2 independent balanced line outputs, a scheduler and POE.

The TERRA-EX will be your ideal IP solution for any applications where you need a simple balanced audio output with some I/O contacts & relays. Thanks to its price, the shoutcast/icecast decoding, the USB backup, the scheduler and the advertising management, the TERRA-EX is also the perfect product for retail shops. The volume and the channel can be modified locally with an IR remote control or a RAC remote controller.

The TERRA-EX uses G.711 / G.722 / PCM / MP3 decoding. Network sources and volume controls can be implemented thanks to the analog inputs. Priority management, volume management, event management & scheduler are set up thanks to embedded web pages. TERRA-EX belongs to the TERRACOM range, the new ATEiS Audio over IP solution.

## INSTORE APPLICATION



# TERRACOMM TERRA-EX



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## ■ ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The Terra-Com audio communications, messaging, and intercommunications platform is a suite of products designed to transmit live audio paging, stored and messaging, background music, 2-way intercommunications, control input and output triggers, and audio monitoring over TCP/IP networks. The audio communications system does not require the use of any server or controller to function as each device/unit in the Terra-Com product line contains HTML browser software for program mapping and control. All Terra-Com Audio over IP devices utilize SIP, TCP, DHCP, IGMP, and SNMP communications protocol to allow communications and audio transmission over a variety of LAN/WAN configurations. All Terra-Com devices/units are P.O.E. (Power Over Ethernet) and/or can be powered locally with remote 24VDC Power Supply.

The Terra-EX unit is a TCP/IP (POE) audio decoder with USB port for flash storage of audio message or music files. The Terra-EX unit shall be equipped with a single RJ-45 Ethernet port to allow communications to other Terra-Com devices or 3rd party networked audio controllers via TCP/IP without the need for additional servers or controllers. The Terra-EX shall decode streamed audio G7.11, G7.22, PCM, AAC (Shout/Icecast), or MP3 formats. The Terra-EX decoder shall provide 2 balanced line-level audio outputs, a single headphone audio output via mini-plug, A single Form-C programmable relay output, 3 Control input logic triggers, and a single RS232 serial control input port on removable Euro block connectors (except headphone and Ethernet ports).

The Terra-EX unit's audio output is max +5dB balanced line—level audio with a bandwidth of 20Hz-20kHz. Built-in HTML browser software includes audio management, mapping, remote analog controls, control I/O mapping, audio file flash storage access (USB only), with scheduler. Terra-EX units shall be equipped with power and status LED lights and a local 24VDC local power supply jack (if not using POE) – 2w. Terra-EX shall measure 4.1"D x 1.25"H x 4.3"W. The unit shall weigh 16oz.

Warranty shall be 5 years. CE Compliant.

SCREEN  
SHOT

ATEIS Web Management  
TERRA-FDX v1.0.17.9, uptime: 0:04:44  
ateis\_FDX@192.168.1.112:5060

Setup 1 | Setup 2 | Update | Status | About

Basic Setting | Device List | Function Libraries | Audio Matrix | Control Input | Playlist | Recording | Codec Registers

**Network**

IP Address: 192.168.1.112  
Subnet Mask: 255.255.255.0  
Gateway: 192.168.1.254  
DNS: 192.168.100.203

**System Time**

Location: Asia/Taipei  
NTP Client:  Enable  Disable  
Server IP/Name: time.stdtime.gov.tw

**SERIAL LINK Bypass**

UART to IP4:  Enable  Disable  
IP4 to UART:  Enable  Disable

**SIP**

Username: ateis\_EX  
Firewall Traversal Mode:  SIP Server  Terra Net  
WAN IP: 192.168.100.1  
SIP Port: 5060  
RTP Port: 6912  
Audio Codec: L16  
Paging Mode: IGMP  
Time to Stop Ring: 5 sec  
SIP Auto Answer:  Disable  Enable  
SIP Auto Answer Input:  MIC IN  LINE IN  
Speak Out IP Address (CIN1):  Disable  Enable  
Factory Setting (CIN2):  Disable  Enable  
SIP Active: logic1 SIP Inactive: logic2  
Audio Out 1 Active: logic1 Audio Out 1 Inactive: logic2  
Audio Out 2 Active: logic1 Audio Out 2 Inactive: logic2

Save Cancel