

# BRIDGE-IT



Shipping 4th Quarter 2009



## Low Cost, Point-to-Point or Multi-Point IP Audio Codec

Tieline's Bridge-IT is the ultimate low-cost, high-performance, point-to-point stereo IP audio codec solution for broadcast and professional applications.

### Applications

Bridge-IT is perfect for:

- Studio-to-Transmitter Link (STL) applications
- IP audio distribution
- Simple remote broadcast links
- Cable Head End IP Audio Distribution
- Low-latency audio over IP bridging solutions
- Multiple codec installations (2 codecs fit in 1 x 19" rack unit)
- IP multicasting on compatible IP networks

### Networking

Bridge-IT is capable of transporting audio streams reliably, simply and

effectively over IP data networks such as wired and wireless LANs, WANs, the Internet, satellite IP, Wi-MAX and Wi-Fi.

### Low Cost

Bridge-IT is low cost and allows broadcasters to expand their IP network at a fraction of the cost of competing IP codecs without compromising on broadcast quality features.

### Simple to use...

Compare Bridge-IT's superior programming functionality and simple user interface with other low cost codecs.

Bridge-IT features a full hardware front panel interface including navigation, LCD display, PPM metering and dialing key pad. It can also be configured and controlled remotely using an optional web interface.

### Space Saving Design

At 8.5" x 5.9" x 1.75" (216mm x 150mm x 44mm), Bridge-IT is perfect for desktop use, or install two codecs side by side in an optional 1RU mounting bracket.

### Algorithm Technology

Bridge-IT comes with the standard broadcast algorithms you would expect plus optional extras. Standard algorithms include 16-bit 22kHz linear low latency audio for uncompromised audio, as well as G.711, G.722, MPEG Layer 2, MPEG Layer 3 and Tieline Music. The Tieline MusicPLUS algorithm also provides 22 kHz mono, dual mono and stereo with 20ms encode delay at under 100 Kbps, offering huge savings on your IP data bills, without compromising on audio quality. AAC-LC and AAC-HE.v1/v2 are also available as optional extras.



1RU Rack Frame Option with two Bridge-IT Codecs installed

## Compatibility

Bridge-IT will connect to any SIP-enabled IP codec brand with industry standard algorithms, as well as VoIP devices supporting G.711 and G.722. Bridge-IT is also Internet/satellite streaming and HD radio compatible.

## IP Network Management

Tieline's QoS Performance Engine automatically manages the IP connection between two points using dynamic jitter buffering, forward error correction and packet repair, to deliver continuous high quality audio over both managed networks and the open Internet.

Bridge-IT provides one touch dialing and can connect easily over IP networks using Tieline's Traversal Server (Coming soon), which easily traverses standard network firewalls. A separate software kit will remotely configure and control Bridge-IT using any internet browser.

## Audio Backup

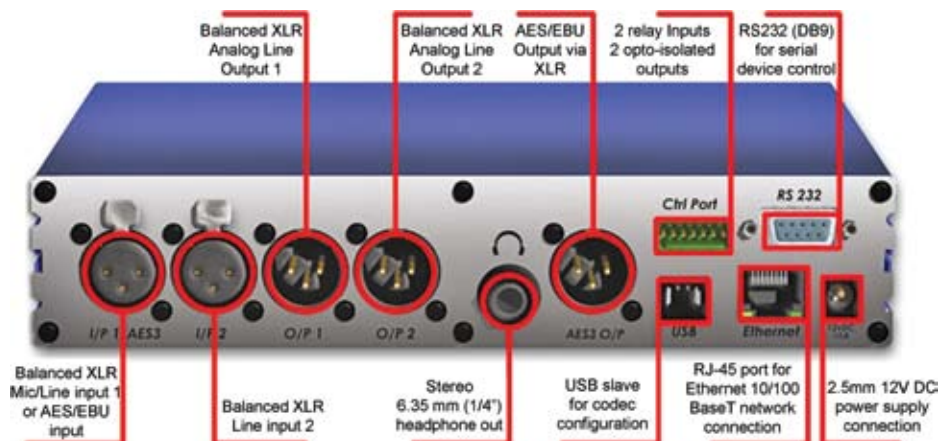
Insert an SD/SDHC card with MP3 or linear backup audio and Bridge-IT will automatically play out the audio if your IP service fails.

## Familiar Broadcast Connectors

Unlike most low cost IP audio codecs, Bridge-IT has all the broadcast input connectors you would expect on a full-featured codec. Simultaneous analog and digital AES/EBU audio outputs are provided on XLR connectors and it includes a 1/4" (6.35mm) stereo headphone output.

## Remote Control Interfaces

2 control inputs and outputs are provided via a pluggable terminal block. The optional GUI enables custom control of relay functionality and ancillary RS232 data connections.



Extensive dealer network with global telephone support in 3 strategic locations around the world

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Feature	Standard Feature	Optional Feature
<b>Codecs</b>		
Buy as 2 x Encode (send only), or	✓	
Buy as 2 x Decode (receive only)	✓	
Buy as 2 x Encode & Decode (send & receive)		✓
<b>Audio Formats</b>		
Linear PCM 16-bit (uncompressed)	✓	
G.711	✓	
G.722	✓	
MPEG Layer 2	✓	
MPEG Layer 3	✓	
Tieline Music & MusicPLUS	✓	
AAC-LC, AAC-HE.v1/v2		✓
<b>Audio / Failover</b>		
SD/SDHC Flash Card (4 GB Min)		✓
<b>Applications</b>		
Programmable Function Manager		✓
Web GUI		✓
Traversal Server with Buddy List Access		✓
<b>Other</b>		
Dimensions 8.5" x 5.9" x 1.75" (216mm x 150mm x 44mm)		
Compliances: EMC/EMI, WEEE, RoHS, FCC, CE, C✓		