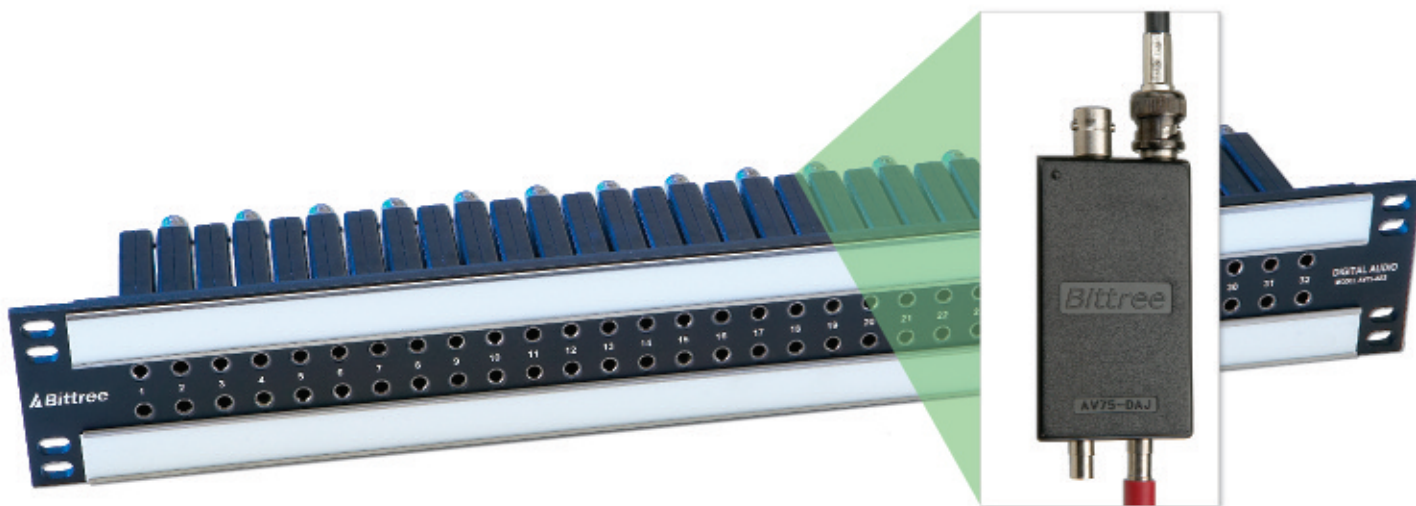


AES AUDIO



Overview

Bittree's new 2 x 32 AES 75-ohm Audio Patchbay was developed specifically for today's digital audio environment, and serves as the ideal foundation for lower-cost, more reliable and easier-to-install digital audio patching systems.

The key lies in the patchbay's hybrid bantam/BNC jack, featuring a patent-pending 75-ohm bantam jack with a BNC rear interface. The new jack – coupled with Bittree's new 75-ohm patchcord – helps you easily and reliably connect equipment using existing or new 75-ohm coaxial infrastructures.

The result is a durable patchbay designed specifically for the growing number of facilities using 75-ohm unbalanced digital audio for routers and new-generation VTRs.

Aside from the ease and reliability of the AES 75-ohm Audio Patchbay, it can also provide exceptional cost savings. Up until now, many installations have been using higher-end video patchbays for their 75-ohm digital audio, simply for the convenience of the BNC rear connectors. But the new AES 75-ohm hybrid bantam/BNC audio patchbay brings you the same convenience and the same performance – all at a lower price point.

In addition to the lower outright cost, the new 75-ohm audio patchbay also lets you reclaim your existing video patchbays from audio duty, saving you money on future upgrades and installations. Other savings come from using the new lower-cost 75-ohm bantam patchcords instead of mini-WECO patchcords when using video patchbays, or from eliminating the need for costly adapters and baluns when using traditional audio patchbays.



Reliable Bantam Audio on the Front and Convenient BNC Connectors on the Back

As can be expected, installation and maintenance is also faster and easier with the new patchbay, thanks to its easily accessible BNC connectors. Plus, unlike the mini-WECO video patchbays sometimes used for 75-ohm audio, the backplane is not staggered, so every jack is easily accessed without tools and in tight quarters. In addition, the patchbay's front-loading modular design makes it easy to replace and maintain jacks whenever needed.

The 2 x 32 AES Unbalanced Audio Patchbay is as durable as it is efficient. Each jack features rugged box-frame construction made from nickel-plated cold-rolled steel, and gold-alloy cross bar switching contacts ensure reliable connections. The patchbay's innovative design and precise manufacturing gives you the convenience and performance of a video jack with the reliability and lower cost of an audio jack.

Available in 1, 1.5 and 2 RU, the AES 75-ohm Audio Patchbay is designed for broadcast, production and post-production. In addition, its light weight and available compact 1 RU size makes it ideal for mobile production.

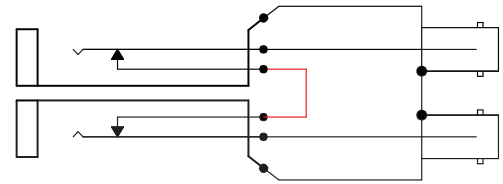
Patchbay Features

- 2 x 32 jack configuration, available in 1, 1.5 or 2 RU
- Jacks conform to AES 75-ohm unbalanced audio standards
- Patent-pending hybrid Bantam (TT) audio jacks with BNC connectors
- Uses lower-cost, ultra-reliable, unbalanced 75-ohm coaxial bantam patchcords
- Jacks are isolated from the panel
- Circuit ID numbers (1-32, left to right) clearly indicated on patchbay front
- Extra-wide designation strips
- Black or gray front panel
- Normal I/O paired ports

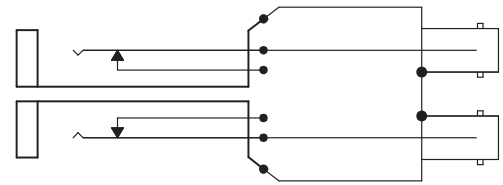
HB VIDEO
 E-SERIES VIDEO
 COMP. VIDEO
 AES AUDIO
 AUDIO TT
 AUDIO 1/4"
 RS-422 ACTIVE
 RS-422 PROG.
 INTEGRATED
 ACCESSORIES

Built to Last

- Jacks rated to 30,000 minimum insertion cycles
- Rugged nickel-plated, cold-rolled steel, box-frame jack construction
- Copper-nickel-silver alloy leaf springs with gold-alloy cross bar switching contacts and nickel-plated sleeve bushings
- Panels made from 3/16" solid aluminum with durable powder-coat finish



NORMALED



NON NORMALED

Jack Specifications

Rated Bandwidth:	100 MHz
Characteristic Impedance:	75-ohms
Return Loss:	< - .35dB through the normal < - .20 dB patched with 2-foot 75-ohm patchcord
Insertion Loss:	< - .25 dB through the normal < - .40 dB patched with 2-foot 75-ohm patchcord

Rear Interface Connections

Signal: High-performance 75-ohm BNC with un-staggered backplane

Front Interface Connections

Signal: Bantam (TT) jacks
 Life Cycle: > 30,000 insertion cycles
 Patchcord: Coaxial Bantam (TT) patchcords



Bittree's Low-Cost, Ultra-Reliable Coaxial Bantam Patchcords

DESCRIPTION	PRODUCT NUMBER
AES 75-ohm Audio Patchbays:	
2 x 32, 1 RU, Full-Normal	B64S-AV75
2 x 32, 1.5 RU, Full-Normal	B64H-AV75
2 x 32, 2 RU, Full-Normal	B64T-AV75
2 x 32, 1 RU, Non-Normal	B64S-AV75N
2 x 32, 1.5 RU, Non-Normal	B64H-AV75N
2 x 32, 2 RU, Non-Normal	B64T-AV75N
Unbalanced 75-ohm Coaxial Bantam Patchcords:	
12" red	AVPC1202
24" red	AVPC2402
36" red	AVPC3602
48" red	AVPC4802
60" red	AVPC6002
72" red	AVPC7202