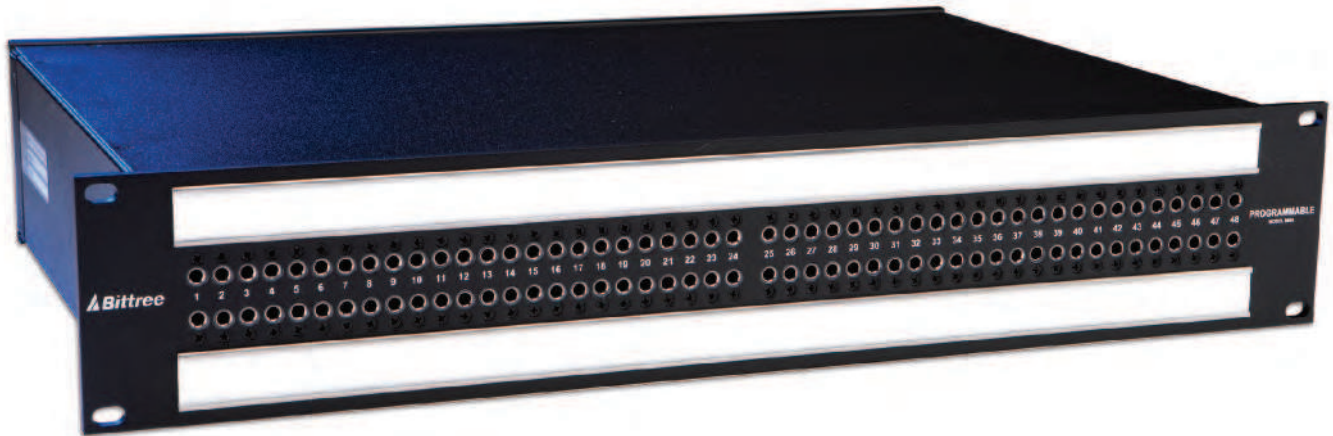


AUDIO TT



Overview

Bittree offers two formats of audio patchbays: Bantam (TT), described below, and Long Frame (1/4"), described on page 59. Bantam patchbays are ideal for higher-density patching systems, due to their 2 x 48 jack configuration.

CHOOSING THE RIGHT AUDIO BANTAM PATCHBAY

969-A Series, Programmable, 2 x 48

Our 969-A Series of Programmable patchbays allows you to change normalizing and grounding for individual circuits simply by changing the shunt arrangement under the designation strips. Features convenient 1-48 left-to-right numbering on the patchbay front for easy identification of circuits. Available in 1.5 and 2 RU enclosed chassis.

969-S Series, Programmable, 2 x 48

Includes the same features as the 969-A Series above, but also allows you to program switched grounds – in addition to bussed, isolated and looped grounds as with the original 969 and 969-A series.

968 Series, Internally Programmable, 2 x 48

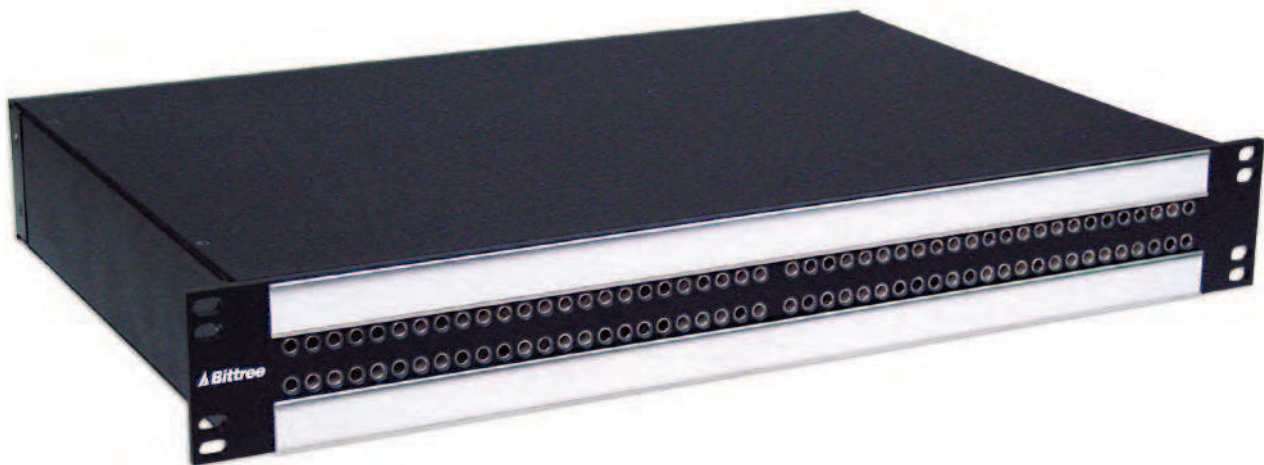
Comes with the same programming capability as the 969 Series, but the programming is done internally so it can fit into a 1 RU enclosed chassis.

968-S Series, Internally Programmable, 2 x 48

Includes the same features as 968 Series above, but also allows you to program switched grounds – in addition to bussed, isolated and looped grounds as with the original 968 series.

961 Series, Classic, 2 x 48

Our original Bantam audio patchbay, featuring our most extensive selection of options available, including normals out, grounding, and other internal hard-wiring options, rear panel configurations, stereo/mono spacing, panel color, rack-unit height, and harness configurations. Non-programmable.



- **Classic, Non-Programmable Audio Bantam (TT) Patchbay**
- **Available with more options than any audio patchbay, including rear interface, normaling, grounding, jack spacing, panel color, chassis depth and rack-unit height**
- **High-density 2 x 48 jack configuration; 1, 1.5 or 2 RU size**
- **Rear interface options include E-3, E56, E-90, ID (punchdown) and D25**

Our 961 Series features our classic, non-programmable audio patchbays. With a jack configuration of 2 x 48, the 961 Series comes with the most options of any audio patchbay, including rear interface, normaling, grounding, jack spacing, panel color, chassis depth and rack-unit height.

All Bittree audio patchbays bring you enhanced studio versatility and instant signal re-routing, and are perfect for master control and central switching I/O, audio console I/O, recording device I/O, and audio routing switcher bypass and input rerouting.

Our audio patchbays are built to AES/EBU specifications, and are internally wired with low-capacitance, shielded, 110-ohm twisted pairs. The low-capacitance characteristics make them ideal for both digital as well as analog applications.

- Available in 1, 1.5 or 2 rack units (RU), in fully enclosed 7" or 12" deep chassis
- Normals can be set to full-normal, half-normal or non-normal; Grounding can be set to switched, bussed, isolated or looped
- Normals can be looped internally or brought out to the rear interface
- Rear interface options include E-3, E-56, E-90, ID (Punchdown), D25 and Centronics 50-pin
- Gold-plated contacts used in E3 and E90 rear interface
- Jacks rated to 30,000 minimum insertion cycles
- Precision-stamped reinforced steel jack frame
- Copper-nickel-silver alloy leaf springs with gold-plated cross bar switching contacts and nickel-plated sleeve bushings
- Wired with low-capacitance, AES/EBU-rated shielded, twisted pair
- Panels made from 3/16" solid aluminum with a durable powder-coat finish
- Large user-friendly designation strips
- Mating connectors, contacts and normals (where applicable) are included with all standard rear interfaces

Think of our 961 Series of Audio Patchbays as our “Custom” series – without the cost and delays of a typical custom patchbay. This series allows you to build virtually any patchbay in virtually any configuration. On the following pages are just some of the configurations available. Only E-3 rear interfaces are listed here, but we also offer E-56, E-90, ID (punchdown), D25 and Centronic 50-pin rear interfaces. If you don’t see what you’re looking for, please call your Bittree Sales Consultant.

DESCRIPTION	PRODUCT NUMBER
E-3, 1 x 48, 1 RU, Black	
E3, 1x48, 1 RU, Black, 7" Chassis, Non-Normal, Bussed	B48DC-NNNBS/E3 M1007B
E3, 1x48, 1 RU, Black, 7" Chassis, Non-Normal, Isolated	B48DC-NNNIS/E3 M1007B
E3, 1x48, 1 RU, Black, 12" Chassis, Non-Normal, Bussed	B48DC-NNNBS/E3 M10012B
E3, 1x48, 1 RU, Black, 12" Chassis, Non-Normal, Isolated	B48DC-NNNIS/E3 M10012B
E-3, 2 x 48, 1 RU, Black, 7", Mono Spacing, Over/Under Strips	
See the 968 Series for patchbays that meet these specifications.	
E-3, 2 x 48, 1 RU, Black, 12", Mono Spacing, Over/Under Strips	
See the 968 Series for patchbays that meet these specifications.	
E-3, 2 x 48, 1 RU, Black, 7", Stereo Spacing, Over/Under Strips	
E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Bussed	B96DC-FNLBS/E3 S2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Isolated	B96DC-FNLIS/E3 S2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Looped	B96DC-FNLLS/E3 S2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Switched	B96DC-FNLSS/E3 S2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Bussed	B96DC-HNLBS/E3 S2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Isolated	B96DC-HNLIS/E3 S2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Looped	B96DC-HNLLS/E3 S2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Switched	B96DC-HNLSS/E3 S2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Non-Normal, Bussed	B96DC-NNNBS/E3 S2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Non-Normal, Isolated	B96DC-NNNIS/E3 S2OU7B
E-3, 2 x 48, 1 RU, Black, 12", Stereo Spacing, Over/Under Strips	
E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Bussed	B96DC-FNLBS/E3 S2OU12B
E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Isolated	B96DC-FNLIS/E3 S2OU12B
E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Looped	B96DC-FNLLS/E3 S2OU12B
E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Switched	B96DC-FNLSS/E3 S2OU12B
E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Bussed	B96DC-HNLBS/E3 S2OU12B
E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Isolated	B96DC-HNLIS/E3 S2OU12B
E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Looped	B96DC-HNLLS/E3 S2OU12B
E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Switched	B96DC-HNLSS/E3 S2OU12B
E3, 2x48, 1 RU, Black, 12" Chassis, Non-Normal, Bussed	B96DC-NNNBS/E3 S2OU12B
E3, 2x48, 1 RU, Black, 12" Chassis, Non-Normal, Isolated	B96DC-NNNIS/E3 S2OU12B
E-3, 2 x 48, 1 RU, Black, 7", Mono Spacing, Over/Over Strips	
E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Bussed	B96DC-FNLBS/E3 M2007B
E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Isolated	B96DC-FNLIS/E3 M2007B
E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Looped	B96DC-FNLLS/E3 M2007B
E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Switched	B96DC-FNLSS/E3 M2007B
E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Bussed	B96DC-HNLBS/E3 M2007B
E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Isolated	B96DC-HNLIS/E3 M2007B
E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Looped	B96DC-HNLLS/E3 M2007B
E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Switched	B96DC-HNLSS/E3 M2007B
E3, 2x48, 1 RU, Black, 7" Chassis, Non-Normal, Bussed	B96DC-NNNBS/E3 M2007B
E3, 2x48, 1 RU, Black, 7" Chassis, Non-Normal, Isolated	B96DC-NNNIS/E3 M2007B

DESCRIPTION	PRODUCT NUMBER
E-3, 2 x 48, 1 RU, Black, 12", Mono Spacing, Over/Over Strips	
E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Bussed	B96DC-FNLBS/E3 M20012B
E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Isolated	B96DC-FNLIS/E3 M20012B
E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Looped	B96DC-FNLLS/E3 M20012B
E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Switched	B96DC-FNLSS/E3 M20012B
E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Bussed	B96DC-HNLBS/E3 M20012B
E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Isolated	B96DC-HNLIS/E3 M20012B
E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Looped	B96DC-HNLLS/E3 M20012B
E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Switched	B96DC-HNLSS/E3 M20012B
E3, 2x48, 1 RU, Black, 12" Chassis, Non-Normal, Bussed	B96DC-NNNBS/E3 M20012B
E3, 2x48, 1 RU, Black, 12" Chassis, Non-Normal, Isolated	B96DC-NNNIS/E3 M20012B
E-3, 2 x 48, 1.5 RU, Black, 7", Mono Spacing, Over/Under Strips	
See the 969-A Series for patchbays that meet these specifications.	
E-3, 2 x 48, 1.5 RU, Black, 12", Mono Spacing, Over/Under Strips	
See the 969-A Series for patchbays that meet these specifications.	
E-3, 2 x 48, 1.5 RU, Black, 7", Stereo Spacing, Over/Under Strips	
E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed	B96DC-FNLBH/E3 S20U7B
E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated	B96DC-FNLIH/E3 S20U7B
E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped	B96DC-FNLLH/E3 S20U7B
E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched	B96DC-FNLSH/E3 S20U7B
E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed	B96DC-HNLBH/E3 S20U7B
E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated	B96DC-HNLIH/E3 S20U7B
E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped	B96DC-HNLLH/E3 S20U7B
E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched	B96DC-HNLSH/E3 S20U7B
E3, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed	B96DC-NNNBH/E3 S20U7B
E3, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Isolated	B96DC-NNNIH/E3 S20U7B
E-3, 2 x 48, 1.5 RU, Black, 12", Stereo Spacing, Over/Under Strips	
E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed	B96DC-FNLBH/E3 S20U12B
E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated	B96DC-FNLIH/E3 S20U12B
E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped	B96DC-FNLLH/E3 S20U12B
E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched	B96DC-FNLSH/E3 S20U12B
E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed	B96DC-HNLBH/E3 S20U12B
E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated	B96DC-HNLIH/E3 S20U12B
E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped	B96DC-HNLLH/E3 S20U12B
E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched	B96DC-HNLSH/E3 S20U12B
E3, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed	B96DC-NNNBH/E3 S20U12B
E3, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Isolated	B96DC-NNNIH/E3 S20U12B
E-3, 2 x 48, 1.5 RU, Black, 7", Mono Spacing, Over/Over Strips	
E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed	B96DC-FNLBH/E3 M2007B
E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated	B96DC-FNLIH/E3 M2007B
E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped	B96DC-FNLLH/E3 M2007B
E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched	B96DC-FNLSH/E3 M2007B
E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed	B96DC-HNLBH/E3 M2007B
E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated	B96DC-HNLIH/E3 M2007B
E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped	B96DC-HNLLH/E3 M2007B
E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched	B96DC-HNLSH/E3 M2007B
E3, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed	B96DC-NNNBH/E3 M2007B
E3, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Isolated	B96DC-NNNIH/E3 M2007B
E-3, 2 x 48, 1.5 RU, Black, 12", Mono Spacing, Over/Over Strips	
E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed	B96DC-FNLBH/E3 M20012B
E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated	B96DC-FNLIH/E3 M20012B
E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped	B96DC-FNLLH/E3 M20012B
E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched	B96DC-FNLSH/E3 M20012B
E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed	B96DC-HNLBH/E3 M20012B
E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated	B96DC-HNLIH/E3 M20012B
E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped	B96DC-HNLLH/E3 M20012B
E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched	B96DC-HNLSH/E3 M20012B
E3, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed	B96DC-NNNBH/E3 M20012B
E3, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Isolated	B96DC-NNNIH/E3 M20012B

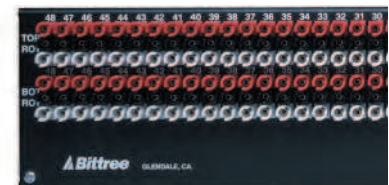
DESCRIPTION	PRODUCT NUMBER
E-3, 2 x 48, 2 RU, Black, 7", Mono Spacing, Over/Under Strips	
See the 969-A Series for patchbays that meet these specifications.	
E-3, 2 x 48, 2 RU, Black, 12", Mono Spacing, Over/Under Strips	
See the 969-A Series for patchbays that meet these specifications.	
E-3, 2 x 48, 2 RU, Black, 7", Stereo Spacing, Over/Under Strips	
E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Bussed	B96DC-FNLBT/E3 S2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Isolated	B96DC-FNLIT/E3 S2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Looped	B96DC-FNLLT/E3 S2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Switched	B96DC-FNLST/E3 S2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Bussed	B96DC-HNLBT/E3 S2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Isolated	B96DC-HNLIT/E3 S2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Looped	B96DC-HNLLT/E3 S2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Switched	B96DC-HNLST/E3 S2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Bussed	B96DC-NNNBT/E3 S2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Isolated	B96DC-NNNIT/E3 S2OU7B
E-3, 2 x 48, 2 RU, Black, 12", Stereo Spacing, Over/Under Strips	
E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Bussed	B96DC-FNLBT/E3 S2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Isolated	B96DC-FNLIT/E3 S2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Looped	B96DC-FNLLT/E3 S2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Switched	B96DC-FNLST/E3 S2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Bussed	B96DC-HNLBT/E3 S2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Isolated	B96DC-HNLIT/E3 S2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped	B96DC-HNLLT/E3 S2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Switched	B96DC-HNLST/E3 S2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Bussed	B96DC-NNNBT/E3 S2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Isolated	B96DC-NNNIT/E3 S2OU12B
E-3, 2 x 48, 2 RU, Black, 7", Mono Spacing, Over/Over Strips	
E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Bussed	B96DC-FNLBT/E3 M2OO7B
E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Isolated	B96DC-FNLIT/E3 M2OO7B
E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Looped	B96DC-FNLLT/E3 M2OO7B
E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Switched	B96DC-FNLST/E3 M2OO7B
E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Bussed	B96DC-HNLBT/E3 M2OO7B
E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Isolated	B96DC-HNLIT/E3 M2OO7B
E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Looped	B96DC-HNLLT/E3 M2OO7B
E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Switched	B96DC-HNLST/E3 M2OO7B
E3, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Bussed	B96DC-NNNBT/E3 M2OO7B
E3, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Isolated	B96DC-NNNIT/E3 M2OO7B
E-3, 2 x 48, 2 RU, Black, 12", Mono Spacing, Over/Over Strips	
E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Bussed	B96DC-FNLBT/E3 M2OO12B
E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Isolated	B96DC-FNLIT/E3 M2OO12B
E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Looped	B96DC-FNLLT/E3 M2OO12B
E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Switched	B96DC-FNLST/E3 M2OO12B
E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Bussed	B96DC-HNLBT/E3 M2OO12B
E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Isolated	B96DC-HNLIT/E3 M2OO12B
E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped	B96DC-HNLLT/E3 M2OO12B
E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Switched	B96DC-HNLST/E3 M2OO12B
E3, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Bussed	B96DC-NNNBT/E3 M2OO12B
E3, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Isolated	B96DC-NNNIT/E3 M2OO12B
E-3, 2 x 48, 2 RU, Black, 7", Mono Spacing, Over/Under Strips, Normals Out	
E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Bussed	B96DC-FNOBT/E3 M2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Isolated	B96DC-FNOIT/E3 M2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Looped	B96DC-FNOLT/E3 M2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Switched	B96DC-FNOST/E3 M2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Bussed	B96DC-HNOBT/E3 M2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Isolated	B96DC-HNOIT/E3 M2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Looped	B96DC-HNOLT/E3 M2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Switched	B96DC-HNOST/E3 M2OU7B

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

DESCRIPTION	PRODUCT NUMBER
E-3, 2 x 48, 2 RU, Black, 12", Mono Spacing, Over/Under Strips, Normals Out	
E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Bussed	B96DC-FNOBT/E3 M2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Isolated	B96DC-FNOIT/E3 M2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Looped	B96DC-FNOLT/E3 M2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Switched	B96DC-FNOST/E3 M2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Bussed	B96DC-HNOBT/E3 M2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Isolated	B96DC-HNOIT/E3 M2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped	B96DC-HNOLT/E3 M2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Switched	B96DC-HNOST/E3 M2OU12B
E-3, 2 x 48, 2 RU, Black, 7", Stereo Spacing, Over/Under Strips, Normals Out	
E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Bussed	B96DC-FNOBT/E3 S2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Isolated	B96DC-FNOIT/E3 S2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Looped	B96DC-FNOLT/E3 S2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Switched	B96DC-FNOST/E3 S2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Bussed	B96DC-HNOBT/E3 S2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Isolated	B96DC-HNOIT/E3 S2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Looped	B96DC-HNOLT/E3 S2OU7B
E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Switched	B96DC-HNOST/E3 S2OU7B
E-3, 2 x 48, 2 RU, Black, 12", Stereo Spacing, Over/Under Strips, Normals Out	
E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Bussed	B96DC-FNOBT/E3 S2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Isolated	B96DC-FNOIT/E3 S2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Looped	B96DC-FNOLT/E3 S2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Switched	B96DC-FNOST/E3 S2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Bussed	B96DC-HNOBT/E3 S2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Isolated	B96DC-HNOIT/E3 S2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped	B96DC-HNOLT/E3 S2OU12B
E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Switched	B96DC-HNOST/E3 S2OU12B
E-3, 2 x 48, 2 RU, Black, 7", Mono Spacing, Over/Over Strips, Normals Out	
E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Bussed	B96DC-FNOBT/E3 M2OO7B
E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Isolated	B96DC-FNOIT/E3 M2OO7B
E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Looped	B96DC-FNOLT/E3 M2OO7B
E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Switched	B96DC-FNOST/E3 M2OO7B
E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Bussed	B96DC-HNOBT/E3 M2OO7B
E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Isolated	B96DC-HNOIT/E3 M2OO7B
E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Looped	B96DC-HNOLT/E3 M2OO7B
E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Switched	B96DC-HNOST/E3 M2OO7B
E-3, 2 x 48, 2 RU, Black, 12", Mono Spacing, Over/Over Strips, Normals Out	
E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Bussed	B96DC-FNOBT/E3 M2OO12B
E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Isolated	B96DC-FNOIT/E3 M2OO12B
E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Looped	B96DC-FNOLT/E3 M2OO12B
E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Switched	B96DC-FNOST/E3 M2OO12B
E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Bussed	B96DC-HNOBT/E3 M2OO12B
E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Isolated	B96DC-HNOIT/E3 M2OO12B
E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped	B96DC-HNOLT/E3 M2OO12B
E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Switched	B96DC-HNOST/E3 M2OO12B

REAR INTERFACE OPTIONS

The 961 Series comes with six rear interface options – E-3, E-56, E-90, ID (punchdown), D25 and Centronics 50-pin. Full views of E3, E90 and ID (punchdown) rear interfaces can be seen throughout this catalog; full views of the E-56, D25 and Centronics 50-Pin rear interfaces can be seen at Bittree.com.



For fast, easy ordering visit bittree.com



AUDIO BANTAM (TT)

BPC 24 00 – 110

- Color**
 00= Black
 02= Red
 04= Yellow
 05= Green
 06= Blue
 07= Purple

- Length in Inches (cm)**
 24 (61)
 36 (92)
 48 (122)
 60 (153)
 72 (184)

DUAL BANTAM (TT)

DPC 24 00

- Color**
 00= Black
 02= Red
 04= Yellow
 05= Green
 06= Blue
 07= Purple

- Length in Inches (cm)**
 24 (61)
 36 (92)
 48 (122)
 60 (153)
 72 (184)



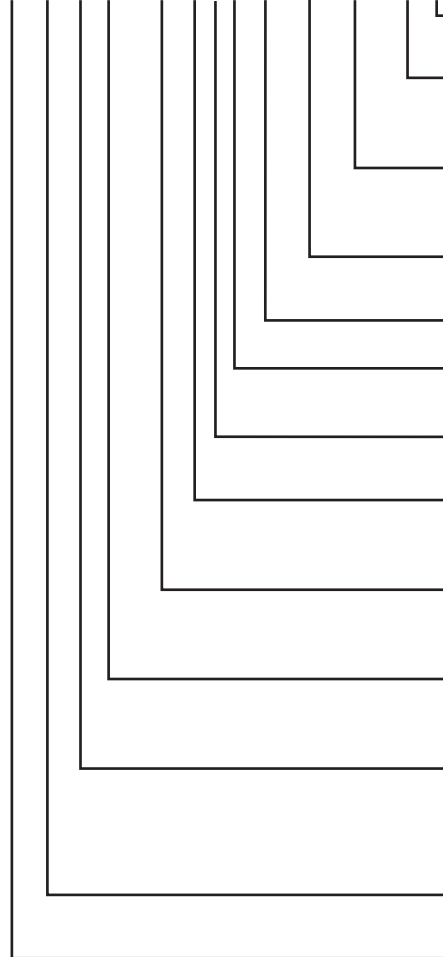
BPC PATCH CORDS



DPC PATCH CORDS

Our easy-to-use Ordering Codes let you order the exact patching system you need. As shown in the chart below, simply choose the option you want for each specification.

B 96 D C – FN L I T /E3 M 20U 12 B



Jack Type

B = Bantam (TT)

Depth

12 = 12" Deep Chassis 7 = 7" Deep Chassis
 48 = 48" Long Harness

Designation Strips

20U = 2 Designation Strips Over/Under
 200 = 2 Designation Strips Over/Over

Spacing

M = Mono Spacing S = Stereo Spacing

Rear Interface

E3 = 3 Pin E90 = 90 Pin ID = Punchdown
 D25 = Female 25 Pin E56 = 56 Pin
 C50 = Centronics 50 Pin

Panel Height

S = 1RU H = 1.5RU T = 2RU

Grounding

B = Bussed I = Isolated
 L = Looped S = Switched

Normaling

N = No Normals L = Normals looped internally
 O = Normals brought out to the rear

Type of Normaling

FN = Full-Normal HN = Half-Normal
 NN = Non-Normal

Style

C = Chassis H = Harness

Wiring

D = Digital compatible wiring

Quantity of Patch Ports

64 = 2x32 96 = 2x48

Color Choice

B = Black
 G = Gray

Mating connectors, contacts and normals (where applicable) are included with standard rear interface audio patchbays. Lacing bars are included with all audio patchbays.

Normals out patchbays bring the normals to the rear interface so that if desired the user may de-normal a circuit by removing a jumper. The 3-pin rear interface always brings the shield to the rear interface. To loop the ground use a three-wire jumper (Normal 3-E); to isolate the ground use a two-wire jumper (Normal 2-E). Note: E90 normals out models do not bring the ground to the normals out connector.