AVP

Delta Series Jackfields

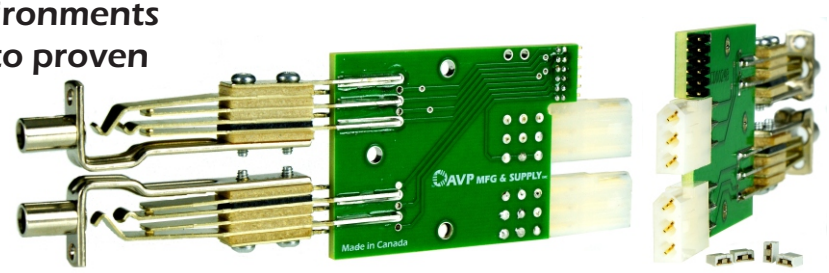
Partners in Broadcast, Telecom & Satellite Solutions

Programmable

Delta Series Programmable Jackfield System

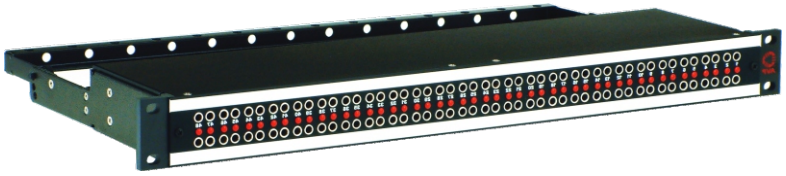
Featuring: AVP Patented MORPH AUDIO SYSTEM Style Modules

- Stellar performance in harsh environments
- Extensively used in mobiles due to proven reliablility and compact design
- Jacks rated at 30,000 cycles
- No dip switches
- No ribbon cable
- No excessive connectorization
- Gold-plated programming jumpers

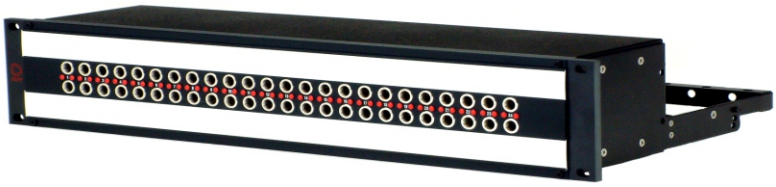


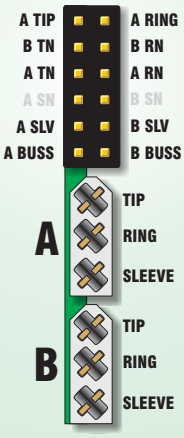
Programmable Module
Available in Longframe & Bantam

RoHS COMPLIANT



- Available in 1RU, 1.5RU & 2RU
- Bantam and Longframe
- Application: AES/EBU, Analog
- Access Programming Links at rear of panel



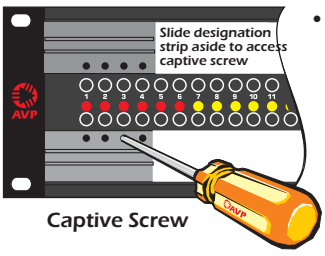


Programming Options

- Full Normals
- Half Normals
- No Normals
- Bussed Grounds
- Vertical Grounds
- Switching Grounds version also available

Rear View of Module with EDAC 3 pin connector interface (Sleeve = Ground)

2RU Jackfield Frame



Panel Features:

- CIS (Circuit Identification system) allows color-coding of each circuit's function, available in 10 colors
- Maximized designations
- Jackfield shipped with crimp-pin mating connector kit and a captive hex key (where applicable)

Studio or Mobile:
Morph style modules simplifies system design, saves space, adds flexibility, reliability and reduces weight.

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Delta Series Jackfields

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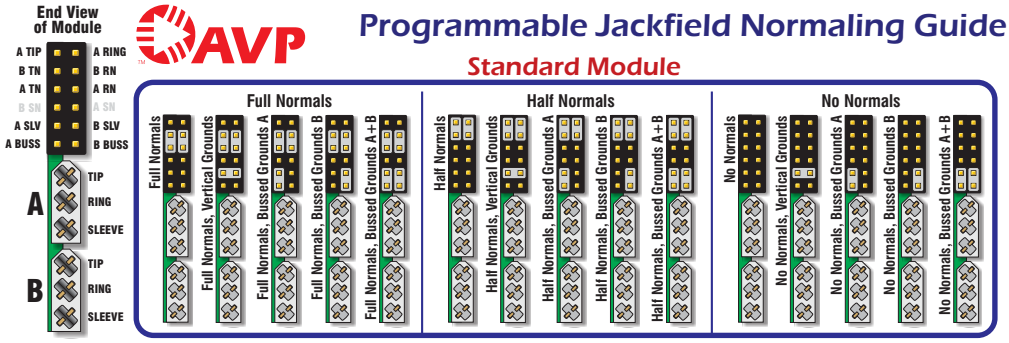
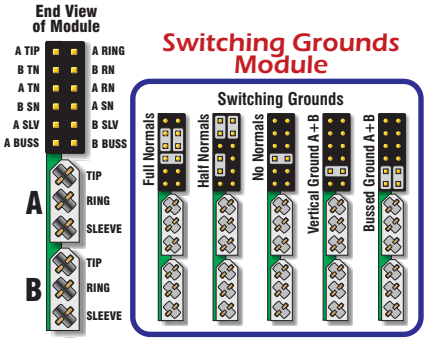
Programmable Jackfield Normaling Guide

Standard Module



Switching Grounds Module



Model Number

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Series

A	Mosaic (CIS)
T	Mosaic (Black CIS)

Patch Type

A	Longframe
B	Bantam

Number of Dual Modules

24	24 Longframe Modules
26	26 Longframe Modules
32	32 Bantam Modules
48	48 Bantam Modules

Panel Height

1	1 Rack Unit	1.75”, 44mm
15	1.5 Rack Unit	2.62”, 66mm
2	2 Rack Unit	3.50”, 89mm

Options, *add to end of Model Number*

-KZ	No Mating Connector Kit

Installed Programming, *all Modules Field Reconfigurable*

Standard Longframe or Bantam Module

FN	Full Normals
FNBG	Full Normals, Bussed Grounds
FNVG	Full Normals, Vertical Grounds
HN	Half Normals
HNBG	Half Normals, Bussed Grounds
HNVG	Half Normals, Vertical Grounds
NN	No Normals
NNBG	No Normals, Bussed Grounds
NNVG	No Normals, Vertical Grounds

Switching Ground Longframe or Bantam Module

FNSG	Full Normals, Switching Grounds
HNSG	Half Normals, Switching Grounds
NNSG	No Normals, Switching Grounds

Mating Connector & Programming Link Kits

Model	Description
Longframe	
MK224P-E03C	EDAC 3Pin Primaries Kit for Longframe 2x24 Patchbay, Crimp
MK226P-E03C	EDAC 3Pin Primaries Kit for Longframe 2x26 Patchbay, Crimp
Bantam	
MK232P-E03C	EDAC 3Pin Primaries Kit for Bantam 2x32 Patchbay, Crimp
MK248P-E03C	EDAC 3Pin Primaries Kit for Bantam 2x48 Patchbay, Crimp
Programming Links	
AR-PL25	Programming Links, package of 25
AR-PL50	Programming Links, package of 50
AR-PL100	Programming Links, package of 100

Programming Link Specifications

Materials

Mouldings:	Standard or High temperature Plastic, UL94V-0
Contacts:	Male: Copper alloy Female: Phosphor Bronze Link sockets: Beryllium Copper

Electrical

Current rating:	2A per single contact, 1A all contacts
Voltage rating:	250V AC/DC
Voltage proof:	650V AV
Contact resistance:	30 mOhm max.
Insulation resistance:	100 MOhm min.

Enviromental

Temperature Classification:	-40/+105/21 days 95% RH
Operating Temperature:	-40°C to 105°C
Solderability:	235°C for 5 seconds
Soldering heat resistance:	SMT: 260°C for 5 seconds

Mechanical

Durability:	Gold finish: 300 operations Tin finish: 50 operations
Insertion force (max.):	Female: 2.0N per contact Link sockets: 4.5N total
Withdrawal force (min.):	Female: 0.2N per contact Link sockets: 0.6N total
Vibration sensitivity:	10-55Hz, 1.5mm, 6 hours duration
Shock severity:	490m/s² (50G) for 11 ms

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