



Audio

Morph

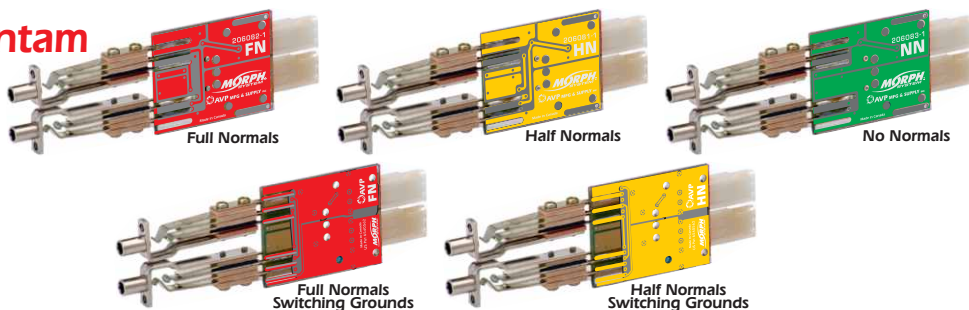
the AVP

MORPH
AUDIO SYSTEM

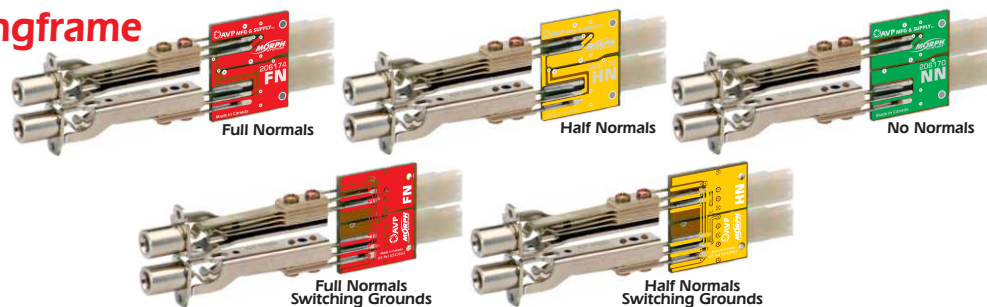


- Advanced Audio Jackfield Concept
- Next Generation Flexibility
- AES/EBU Digital and Analog Audio Application

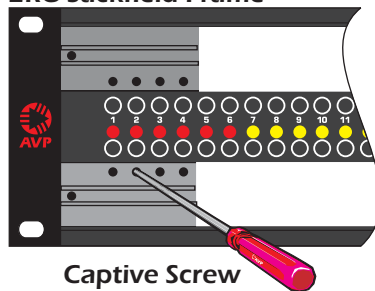
Bantam



Longframe



2RU Jackfield Frame



Application: AES/EBU, Analog

- Morph modules can be effortlessly identified, mixed and changed. Entire racks of jackfields can be re-configured anytime
- EDAC/ELCO 3 pin interface
- Modules are front mounted, providing a simple module interchange method
- Maximized designations



... see page 41

Features and Benefits

The award-winning Morph Audio System excels in specialty application requirements as found in mobile units and harsh environments. Its EDAC 3-pin terminations can withstand a 50 gravity vibration with no loss of continuity. In addition, the Morph System's short depth and light weight, allows installation in the tightest spaces.



Partners in Broadcast, Telecom & Satellite Solutions

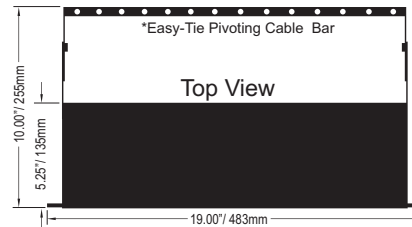


Audio

Morph



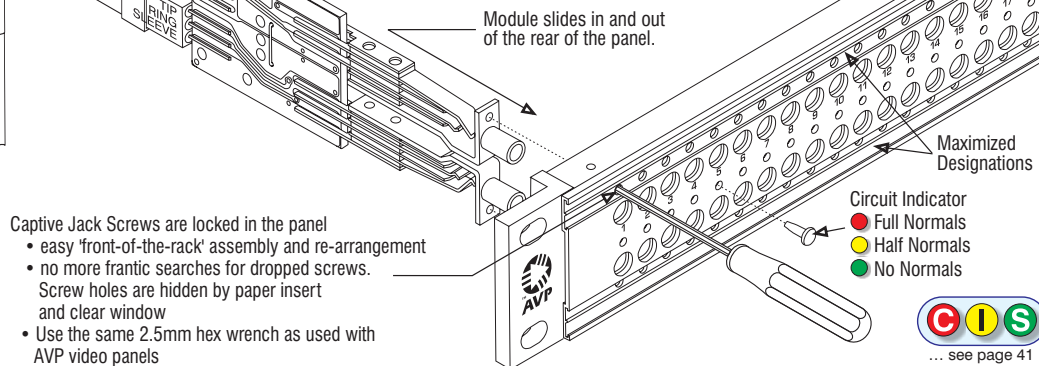
Keep an inventory of Morph Modules and empty Morph frames to allow custom jackfield assembly or re-configuration in minutes! Morph modules fit 1, 1.5 & 2 Rack Unit frames.



TIP RING SLEEVE
Gold Plated Contact Terminals
Mating Connector Kit Included

Assembly Drawing

Assembly Drawing



Each Morph Jackfield is shipped complete with its crimp-pin mating connector kit and a captive hex driver.
(See ordering information for more details)



EDAC Hand Crimp Tool
AVP Model **AT-EHCT**



EDAC Insertion Tool
AVP Model **AT-EIT**



EDAC Ejection Tool
AVP Model **AT-EET**

Mating Connector Kit

Tooling

Ordering Information
(over)



Model Number

M - A 2 E - L - E03

Series

- A** Mosaic 
- T** Mosaic (Black CIS)

Number of Dual Modules

- 24** 24 Modules
- 26** 26 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

Installed Module Type

- FN** Full Normals
- HN** Half Normals
- NN** No Normals
- FNSG** Full Normals Switching Grounds
- HNSG** Half Normal Switching Grounds

Options, add to end of Model Number

- KZ** No Mating Connector Kit
- KS** Solder Mating Connector Kit
- SGVM** Strapped grounds at each vertical jack pair

Longframe Ordering Information

Designation Layouts... page 28

Popular Models and Components

Model	Description
Complete Jackfields	
AM-A224E1-L-FN-E03	1RU, 2x24 Frame with 24 Dual Full Normal Modules (AM-A-FN-E03) installed, Mating Connector Kit
AM-A224E1-L-HN-E03	1RU, 2x24 Frame with 24 Dual Half Normal Modules (AM-A-HN-E03) installed, Mating Connector Kit
AM-A224E1-L-NN-E03	1RU, 2x24 Frame with 24 Dual No Normal Modules (AM-A-NN-E03) installed, Mating Connector Kit
Individual Components	
AM-A-FN-E03	Dual Longframe Module, Full Normals, EDAC 3 pin termination
AM-A-HN-E03	Dual Longframe Module, Half Normals, EDAC 3 pin termination
AM-A-NN-E03	Dual Longframe Module, No Normals, EDAC 3 pin termination
AM-A224E1-Z	1RU, 2x24 Frame, empty
MK224P-E03C	EDAC 3Pin Primaries Kit for 2x24 Patchbay, Crimp
MK226P-E03C	EDAC 3Pin Primaries Kit for 2x26 Patchbay, Crimp
MK224P-E03S	EDAC 3Pin Primaries Kit for 2x24 Patchbay, Solder
MK226P-E03S	EDAC 3Pin Primaries Kit for 2x26 Patchbay, Solder

Longframe Patchcords

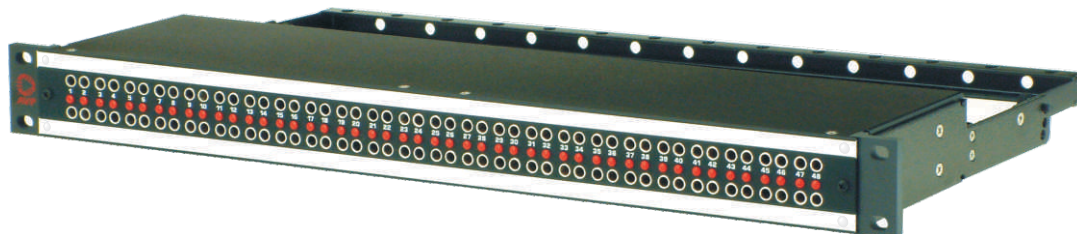


1'	300mm	LPC-1-BLACK	LPC-1-RED	LPC-1-GREEN	LPC-1-BLUE	LPC-1-YELLOW
1.5'	450mm	LPC-1.5-BLACK	LPC-1.5-RED	LPC-1.5-GREEN	LPC-1.5-BLUE	LPC-1.5-YELLOW
2'	600mm	LPC-2-BLACK	LPC-2-RED	LPC-2-GREEN	LPC-2-BLUE	LPC-2-YELLOW
3'	900mm	LPC-3-BLACK	LPC-3-RED	LPC-3-GREEN	LPC-3-BLUE	LPC-3-YELLOW
4'	1200mm	LPC-4-BLACK	LPC-4-RED	LPC-4-GREEN	LPC-4-BLUE	LPC-4-YELLOW
6'	1800mm	LPC-6-BLACK	LPC-6-RED	LPC-6-GREEN	LPC-6-BLUE	LPC-6-YELLOW
10'	3.05m	LPC-10-BLACK	LPC-10-RED	LPC-10-GREEN	LPC-10-BLUE	LPC-10-YELLOW

110 Ohm AES/EBU Digital and Analog Audio Application

... more patchcords available on page 54

Longframe Audio Patchcords



Model Number

M - B 2 48 - L - E03

Series

- A** Mosaic 
- T** Mosaic (Black CIS)

Module Spacing

- S** Stereo Spaced (most common)
- E** Even Spaced

Panel Height

- 1** 1 Rack Unit 1.75", 44mm
- 15** 1.5 Rack Unit 2.62", 66mm
- 2** 2 Rack Unit 3.50", 89mm

Installed Module Type

- FN** Full Normals
- HN** Half Normals
- NN** No Normals
- FNSG** Full Normals Switching Grounds
- HNSG** Half Normals Switching Grounds

Options, add to end of Model Number

- KZ** No Mating Connector Kit
- KS** Solder Mating Connector Kit
- SGVM** Strapped grounds at each vertical jack pair

Bantam Ordering Information

Designation Layouts... page 28

Popular Models and Components

Model	Description
Complete Jackfields	
AM-B248S1-L-FN-E03	1RU, 2x48 Frame with 48 Dual Full Normal Modules (AM-B-FN-E03) installed, Mating Connector Kit
AM-B248S1-L-HN-E03	1RU, 2x48 Frame with 48 Dual Half Normal Modules (AM-B-HN-E03) installed, Mating Connector Kit
AM-B248S1-L-NN-E03	1RU, 2x48 Frame with 48 Dual No Normal Modules (AM-B-NN-E03) installed, Mating Connector Kit
Individual Components	
AM-B-FN-E03	Dual Bantam Module, Full Normals, EDAC 3 pin termination
AM-B-HN-E03	Dual Bantam Module, Half Normals, EDAC 3 pin termination
AM-B-NN-E03	Dual Bantam Module, No Normals, EDAC 3 pin termination
AM-B248S1-Z	1RU, 2x48 Frame, empty
MK248P-E03C	EDAC 3Pin Primaries Kit for 2x48 Patchbay, Crimp
MK248P-E03S	EDAC 3Pin Primaries Kit for 2x48 Patchbay, Solder

Bantam Patchcords

Bantam Patchcords							
	1'	300mm	BPC-1-BLACK	BPC-1-RED	BPC-1-GREEN	BPC-1-BLUE	BPC-1-YELLOW
	1.5'	450mm	BPC-1.5-BLACK	BPC-1.5-RED	BPC-1.5-GREEN	BPC-1.5-BLUE	BPC-1.5-YELLOW
	2'	600mm	BPC-2-BLACK	BPC-2-RED	BPC-2-GREEN	BPC-2-BLUE	BPC-2-YELLOW
	3'	900mm	BPC-3-BLACK	BPC-3-RED	BPC-3-GREEN	BPC-3-BLUE	BPC-3-YELLOW
	4'	1200mm	BPC-4-BLACK	BPC-4-RED	BPC-4-GREEN	BPC-4-BLUE	BPC-4-YELLOW
	6'	1800mm	BPC-6-BLACK	BPC-6-RED	BPC-6-GREEN	BPC-6-BLUE	BPC-6-YELLOW
	10'	3.05m	BPC-10-BLACK	BPC-10-RED	BPC-10-GREEN	BPC-10-BLUE	BPC-10-YELLOW

110 Ohm AES/EBU Digital and Analog Audio Application

...more patchcords available on page 54

Bantam Audio Patchcords

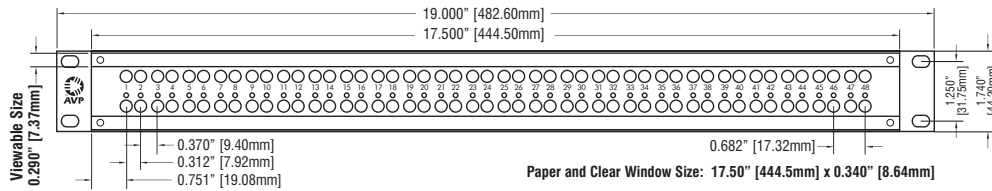


Audio

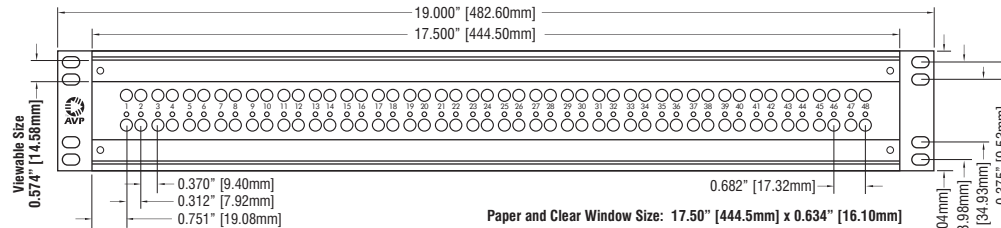
Morph



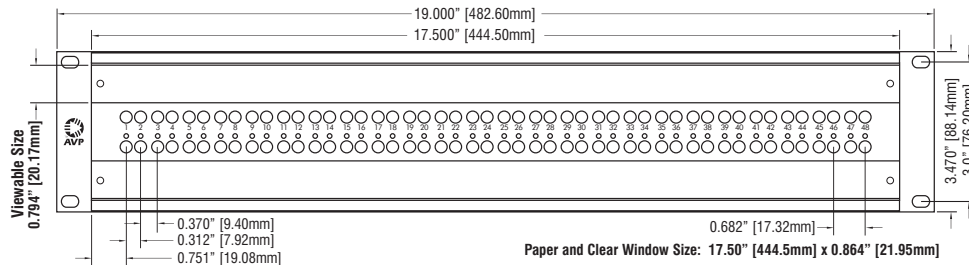
Bantam Designation Layouts



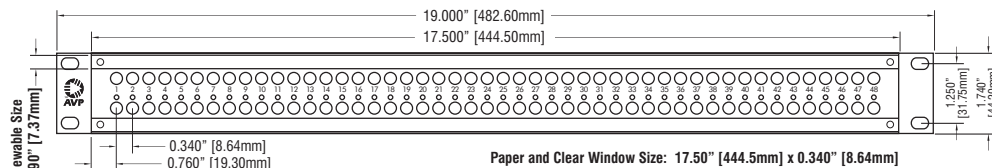
1 RU Stereo Spaced



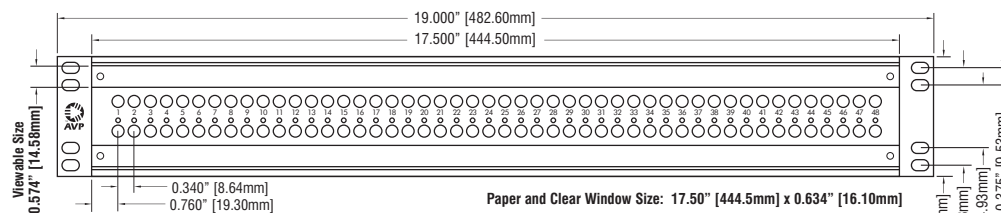
1.5 RU Stereo Spaced



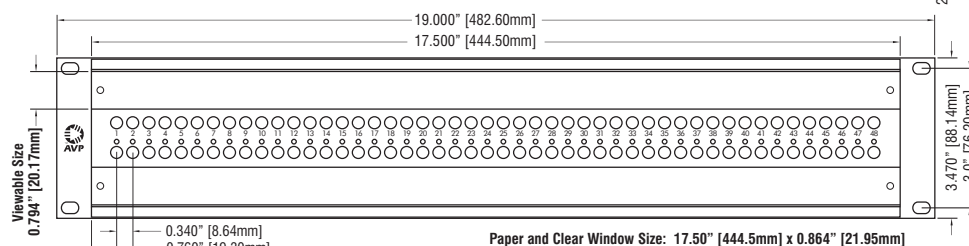
2 RU Stereo Spaced



1 RU Even Spaced



1.5 RU Even Spaced

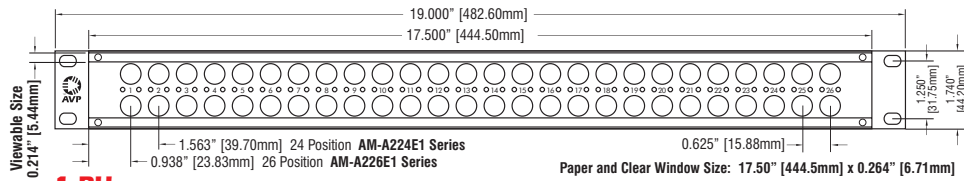


2 RU Even Spaced

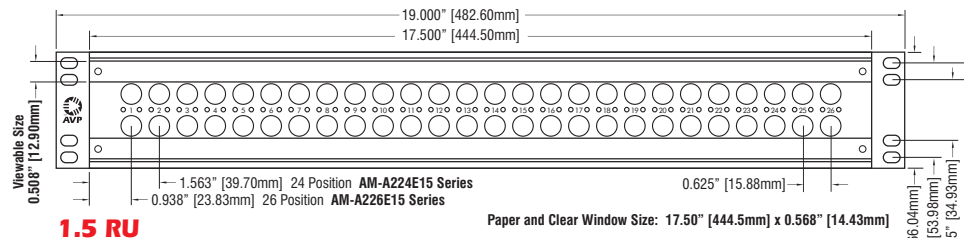
Partners in Broadcast, Telecom & Satellite Solutions



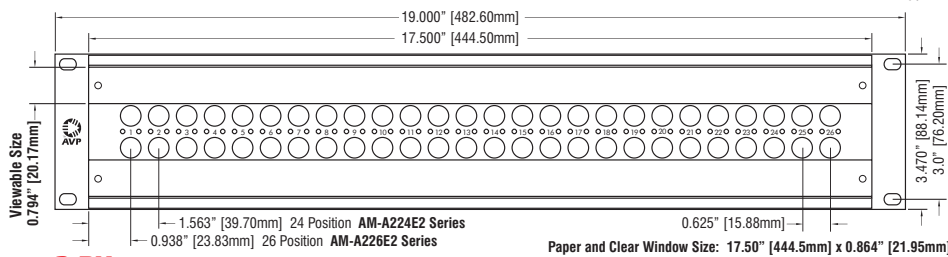
Longframe Designation Layouts



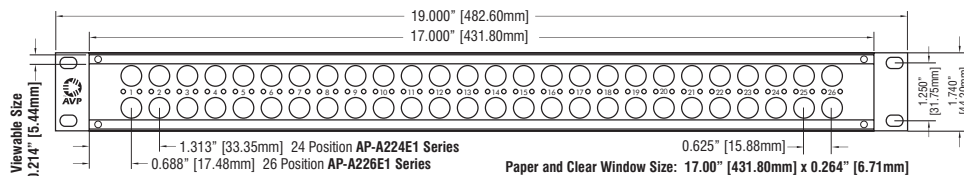
1 RU



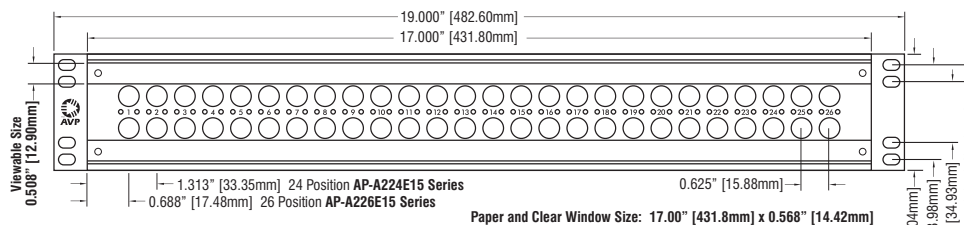
1.5 RU



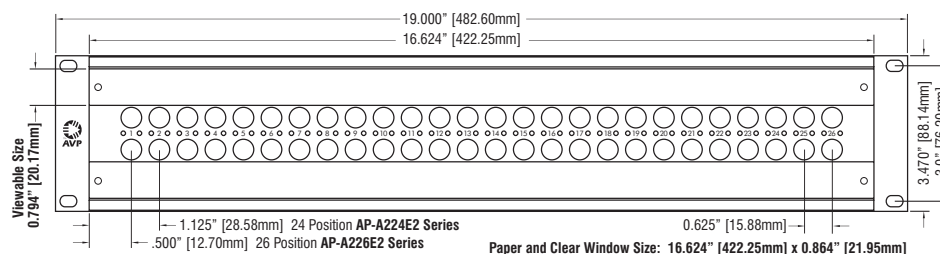
2 RU



1 RU



1.5 RU



2 RU

Connectorized 90 Pin

Longframe Designation Layouts

...from page 33