

7800DA7-MADI

MADI 1x7 Reclocking Distribution Amplifier



The 7800DA7-MADI distribution amplifiers provide reliable distribution of your MADI signals. The 7800DA7-MADI features one auto-equalized input with seven reclocked outputs. The 7800DA7-MADI is housed in the Evertz 7800FR Multiframe, which is available in either a 3RU or 1RU version. The 7800DA7-

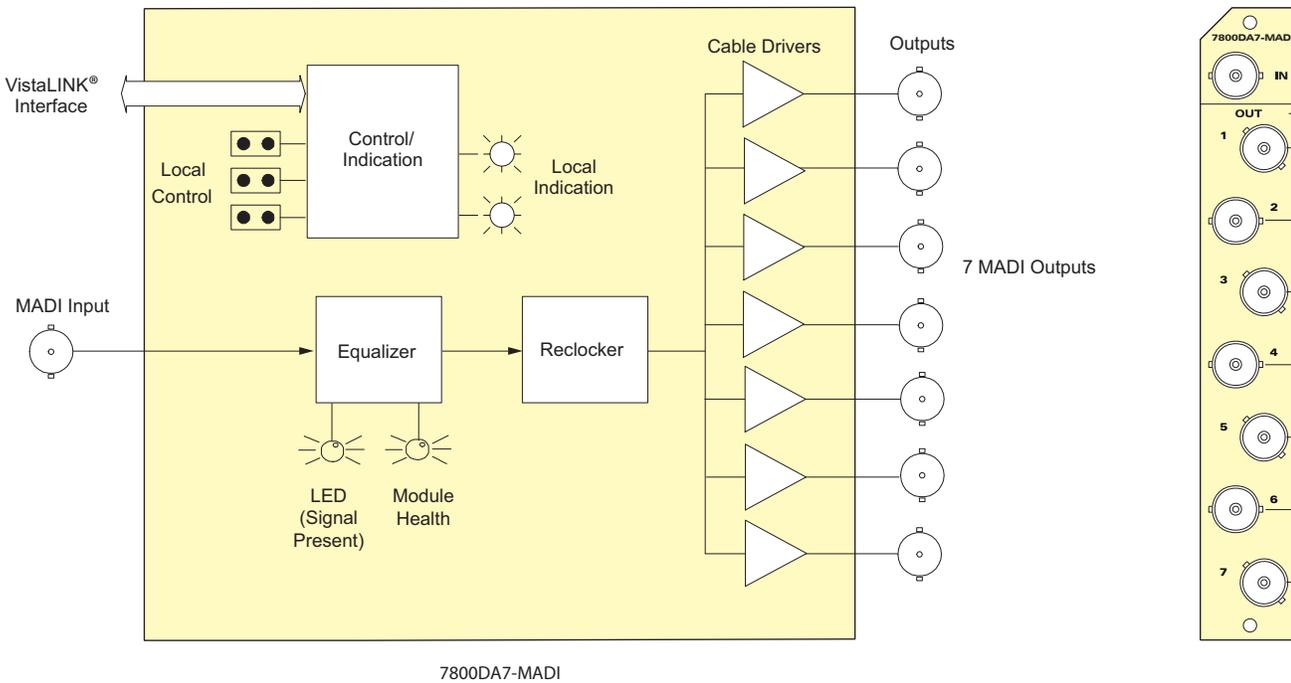
MADI supports all sampling rates and payloads as specified by AES10-2003. This includes industry standard 56 and 64 channel payloads at a 48 kHz sampling rate.

Features & Benefits

- Normal reclocked mode for AES10-2003 MADI signals
- Fully hot-swappable from front of frame with no BNC disconnect required
- Independent isolated output drivers to ensure no cross channel loading effects (ie. no need to terminate unused outputs)
- Tally output on Frame Status bus upon loss of input signal for quality monitoring
- VistaLINK® capable for remote monitoring via SNMP (using VistaLINK® PRO) when installed in 7800FR frame with a 7700FC VistaLINK® Frame Controller

- Input**
- AES10-2003 (125Mbs)
 - Auto equalization to 225m

- Outputs**
- 7 reclocked outputs
 - Jitter < 0.2 UI



Specifications

MADI Input	MADI Output	Electrical
Standard Connector Impedance Equalization Signal Level	AES10-2003 (125 Mb/s) BNC per IEC 61169-8 Annex A 75 Ω Automatic to 225m with Belden 1694A or equivalent cable 800 mV nominal	Number of Outputs Connector Impedance Rise and Fall Time Signal Level Jitter
	7 Reclocked BNC per IEC 61169-8 Annex A 75 Ω 1-3 ns 800 mV nominal < 0.2 UI	Voltage Power EMI/RFI
		+12V DC 5 Watts Complies with FCC Part 15 Class A, EU EMC Directive
		Physical
		Number of Slots
		1

Ordering Information

7800DA7-MADI	MADI 1x7 Reclocking Distribution Amplifier	Enclosures	Portable Multiframe which holds 7 single slot modules 3RU Multiframe which holds 15 single slot modules 3RU Multiframe which holds 15 single slot modules 1RU Multiframe which holds 4 single slot modules 7700 Series Standalone Enclosure
Ordering Options	Rear Plate must be specified at time of order (Eg. Model +3RU)	350FR 7700FR-C 7800FR 7801FR S7701FR	
Rear Plate Suffix			
+3RU	3RU rear plate for use with 7800FR, 7801FR, 7700FR-C or 350FR Multiframes		
+SA	Standalone Enclosure rear plate		

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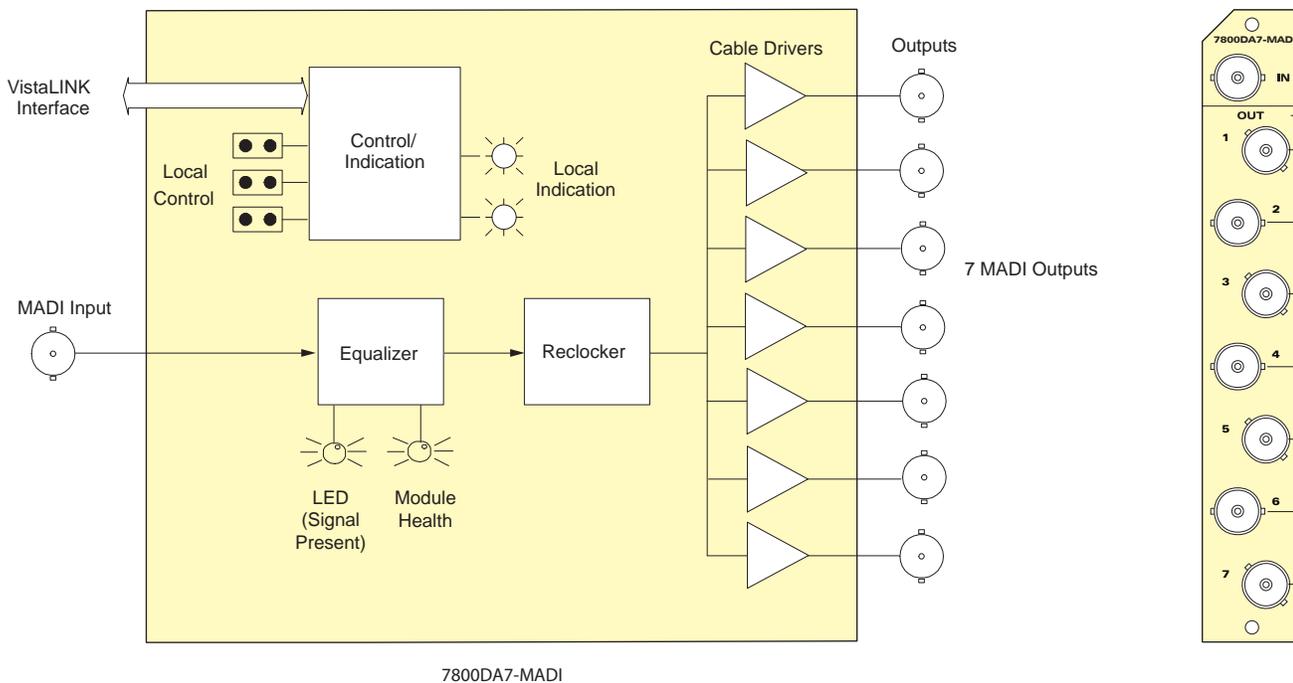
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Standard	Number of Outputs	Voltage	Number of Slots
Connector	Connector	Power	
Impedance	Impedance	EMI/RFI	
Equalization	Rise and Fall Time		
Signal Level	Signal Level		
	Jitter		

Ordering Information

7800DA7-MADI MADI 1x7 Reclocking Distribution Amplifier

Ordering Options

Notes: Rear plate must be specified at time of order.

Rear Plate Suffix

- +3RU 3RU rear plate for use with 7800FR, 7801FR, 7700FR-C or 350FR Multiframes
- +SA Standalone Enclosure rear plate

Enclosures

- 350FR Portable Multiframe which holds 7 modules
- 7700FR-C 3RU Multiframe which holds 15 modules
- 7800FR 3RU Multiframe which holds 15 modules
- 7801FR 1RU Multiframe which holds 4 modules
- S7701FR 7700 Series Standalone Enclosure