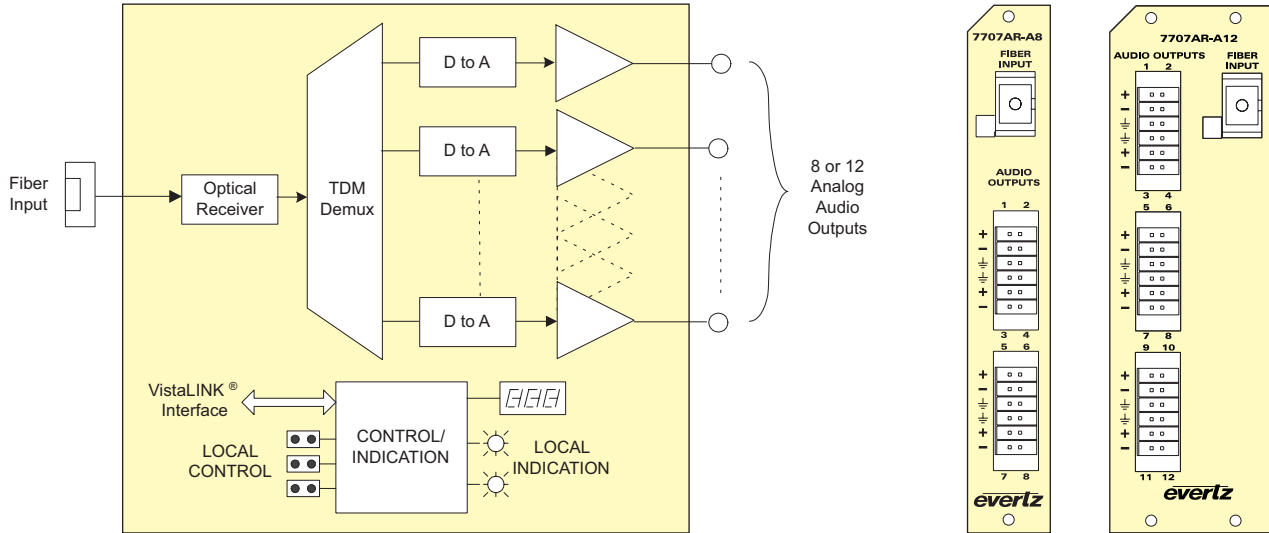## ▶Features & Benefits

• Eight or twelve professional quality analog audio fiber optic receiver
• Adjustable audio detection for each channel
• Adjustable audio gain for each channel
• Audio monitoring via card-edge headphone jack
• All configuration settings controllable through the card-edge interface, or remotely through SNMP and VistaLINK®
• Wide-band optical input compatible with 1310nm, 1550nm, CWDM, or DWDM transmission wavelengths

• Supports single-mode and multi-mode fiber optic cable (contact factory for multi-mode applications)
• SC/PC, ST/PC, or FC/PC fiber connector options
• Fully hot-swappable from front of frame
• Comprehensive signal and card status monitoring via four digit card edge display or remotely through SNMP and VistaLINK®
• VistaLINK® capability is available when modules are used with the 3RU 7800FR or 350FR frame and a 7700FC VistaLINK® Frame Controller module in slot 1 of the frame

▶Specifications

Analog Audio Outputs:

Number of Outputs:	
7707AR-A8:	8
7707AR-A12:	12
Connectors:	Multi-pin Removable Terminal Blocks
Output Level:	
Into High Impedance:	
	+24dBu (max)
Into 600Ω:	+23dBu (max)
Frequency Response:	
	±0.1dB (max, 20Hz to 20kHz)
THD + Noise:	-90dB or 0.003% (max, 20Hz to 20kHz, @ 0dBFS)
Crosstalk:	-100dB (max, 20Hz to 20kHz, measured channel connected at input)

S/N Ratio:	100dB (min)
Channel Phase:	±0.5° (max, 20Hz to 20kHz)
Output Impedance:	66Ω (nom, differential)
Adjustable Gain:	-10dB to +10dB (0.5dB increments)

Optical Input:

Connector:	SC/PC, ST/PC, FC/PC female housing
Input Wavelength:	1270 to 1610nm
Input Power (Max):	0dBm
Input Optical Sensitivity:	
	-28dBm

Electrical:

Voltage:	12V DC
Power:	
7707AR-A8:	13.5W (max)
7707AR-A12:	18.5W (max)
EMI/RFI:	Complies with FCC Part 15, Class A EU EMC Directive

Physical (number of slots):

350FR, 7700FR-C, 7800FR	
7707AR-A8:	1 slot
7707AR-A12:	2 slots
7701FR:	1 slot

▶Ordering Information

7707AR-A8	Eight Channel Analog Audio Fiber Receiver, Demux VistaLINK® Monitoring
7707AR-A12	Twelve Channel Analog Audio Fiber Receiver, Demux VistaLINK® Monitoring

Ordering Options   Rear Plate and Fiber Connector must be specified at time of order
Eg: Model +SC +3RU

Rear Plate Suffix

+3RU	3RU Rear Plate for use with 350FR, 7700FR-C or 7800FR Multiframe
+1RU	1RU Rear Plate for use with 7701FR Multiframe
+SA	Standalone Enclosure Rear Plate

Connector Suffix

+SC	SC/PC
+ST	ST/PC
+FC	FC/PC

Accessories
Fiber Optic Patch Cable
See CWDM & DWDM Ordering Information Page

Enclosures

350FR	3RU Portable Multiframe which holds up to 7 single slot modules
7700FR-C	3RU Multiframe which holds up to 15 single slot modules
7800FR	3RU Multiframe which holds up to 15 single slot modules
7801FR	1RU Multiframe which holds up to 4 single or 2 dual slot modules
7701FR	1RU Multiframe which holds up to 3 single or dual slot modules
S7701FR	Standalone Enclosure