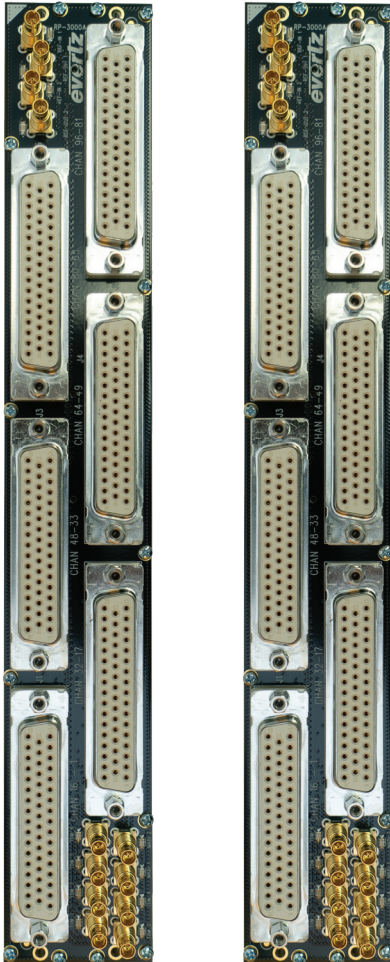


EMR-IP(96/48)-LTC & EMR-OP(96/48)-LTC

EMR Series — LTC Input and Output Modules

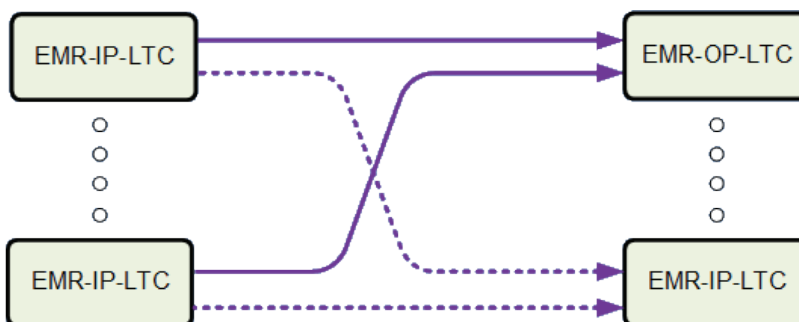


Features & Benefits

- Modular with passive rearplate
- Multi-card interconnect for up to a 768x768x LTC router
- Troubleshooting monitoring tools:
 - LTC port status
 - LTC output amplitude
 - Routing status
- SNMP monitoring

The EMR LTC modules comes in 2 sizes, 48 and 96 for both input and output modules, all utilizing a common passive rearplate that occupies 2 slots in an EMX frame. The EMR LTC function by interlinking input and output module(s) to create a standalone LTC router mesh expandable to 288x288 in a single 6RU frame.

Configure as small as 48x48 LTC with 1 input and 1 output module, and expand up to 8 input and 8 output modules for 768x768, all by the simple TDM interlink connection as shown below. Sizes beyond that are possible using an EMR-ADMX module as the core.



EMR-IP(96/48)-LTC & EMR-OP(96/48)-LTC



EMR Series — LTC Input and Output Modules

Specifications

LTC Reader:

Standards: SMPTE ST 12-1
Level: 2-4V p-p, unbalanced or balanced
Speed: 1/30th to 70x play speed, forward and reverse, machine dependent
Connectors: DIN 1.0/2.3 (unbalanced), D50 female (balanced)

LTC Generator:

Standards: SMPTE ST 12-1
Rise Time: 40 ± 10ms
Jitter: < 2ms
Connectors: DIN 1.0/2.3 (unbalanced), D50 female (balanced)

TDM:

- Used to expand by interlinking EMR-PR48-A modules

Control:

Ethernet: 2x RJ-45
Serial: RS-232/RS-422, 2x D9 female
Protocol: Quartz

Frame Reference:

Inputs: 2x BNC, analog 525/625
Impedance: 75Ω terminating
Connectors: BNC per IEC 61169-8 Annex A

Ordering Information

EMR-IP96-LTC	96 LTC inputs with TDM outputs via DIN connectors
EMR-IP48-LTC	48 LTC inputs with TDM outputs via DIN connectors
EMR-OP96-LTC	96 LTC outputs with TDM inputs via DIN connectors
EMR-OP48-LTC	48 LTC outputs with TDM inputs via DIN connectors

Enclosure Options:

EMX6-FR	Modular Frame that Provides Platform for System Wide Functionality, Front Cooled 6RU Frame with Expandability, Supports Redundant Frame Controller (Frame Controllers not Included)
EMX3-FR	Modular Frame that Provides Platform for System Wide Functionality, 3RU Frame with Expandability Options, Provides 5 slots for EMR/EMC Modules, Supports Redundant Frame Controllers and Power Supplies, Includes 1 Power Supply (Frame Controllers not Included)
EMX1-FR	Modular frame that provides platform for system wide functionality. 1RU frame with expandability options. Provides two (2) slots for EMR/EMC modules. Supports one frame controller and redundant power supplies. Includes one power supply. (Frame controller not included).
EMX-FC	Frame controller for EMX Frames, provides Ethernet interface for external control and monitoring
+6PS	Redundant Power Supply
+3PS	Redundant Power Supply for EMX3-FR
+PS	Redundant Power Supply for EMX1-FR