

EK-MFR/5

HIGH DENSITY MULTI-SLOTS SYSTEM



EK-MFR/5 is a scalable, flexible and modular platform that allow to manage several cards in a completely reconfigurable way in function of customer's needs. The two units rack of the EK-MFR/5 allows to interconnect up to 10 cards managed by the controller card EK-CTR/5 based on Linux OS which allows to manage all the system functionality. The hardware of the EK-MFR/5 allows to located up to two controller cards in order to obtain a complete redundancy on the system management. The platform settings can be done, either pressing on the keyboard or from remote control, thanks to an interface Ethernet 10/100 BaseT which allows a remote configuration also through the web. Two other RS232 connections and six relay contacts complete the available interfaces. The hot-swap power supply section EK-PWS/5D can receive DC voltage (36÷75Vdc) and furthermore it can be unplugged to permit an easy maintenance. Three silent cooling fans, located back to the front panel, that vary their speed in function of the temperature of the modules/cards, warrant an adequate cooling of the system. Finally the 5" color touch-panel display makes available each function and parameter of all the cards fitted inside the frame. It is possible to have a version of the EK-MFR/5 without the display.

Features

- Single or redundant Linux OS Controller
- Modular & Scalable System
- RTC for time reference
- 10+2 slots to install any boards
- Integrated alarms management
- Redundant and hot-swappable power supply
- 5" touch screen color front panel control
- Available in White or Black color
- Complete WEB management

Applications

- Head End Systems:
Mux/Demux/Remux, SFN Adapter, Network Adapter
- Digital Microwave Links: Out Door, In Door, Mobile version from 2÷23 GHz
- Backbone Systems
- DTV Transmitters
- HD/SD Single or Multiple Encoder / Decoder
- Modem QPSK/QAM/COFDM





EK-MFR/5	with 5" Touch panel display	601-001432
EK-MFR/5-D	without display	601-001433
EK-DSL/5	Remote rack mountable 5" Touch panel display	601-001434
EK-CTR/5	Controller card for EK-MFR/5 (two for redundancy)	601-001435
EK-PWS/5D	DC 36-75V insulated power supply for EK-MFR/5	601-001425

All other cards from EK-MFR/x series are usable in EK-MFR/5 frames i.e. :

EK-UDC/x	Up/Down converter up to 15 GHz	601-001204	(6GHz)
EK-SFP/4	ASI/SMPTE310M-Transparent Mux/Demux- Seamless Switch	601-000281	
EK-UNM/3	Modem	601-000160	
EK-MPX/8	8E1 Mux/Demux	601-000495	
EK-GPS/8	GPS Receiver	601-001260	
EK-HCT/4	Head Controller for Auto-tracking System	601-001009	

Strada Com. Savonesa n° 9
15057 Rivalta Scrivia (AL)
ITALY
Tel. +39 0131 860205 r.a.
Fax +39 0131 860993
e-mail: info@eurotek.eu
<http://www.eurotek.eu>