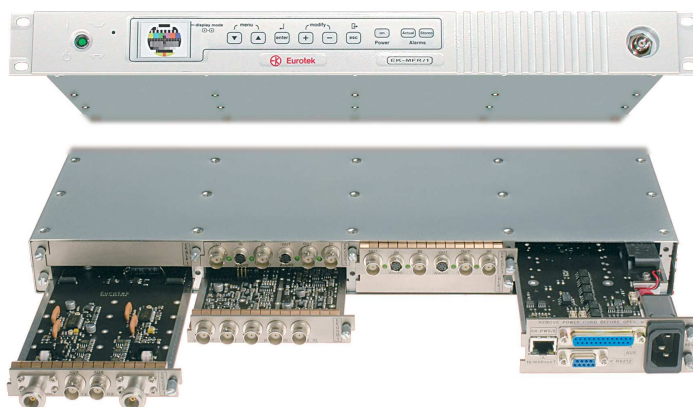


**ALL4DIGIT  
SYSTEM**

**MOD. EK-MFR/1**



## MAINFRAME

The Mainframe offers a completely new flexible and modular platform which allows the use of different kind of boards inserted in inside it.

All the boards inside in the device are automatically identified by the operative system which fits the functions to the keyboard and to the visual information made reliable on the colour display that is placed on the front part of the device.

The program of the function of each board can be done, either pressing on the keyboard, or from remote placements thanks to an interface Ethernet 10 /100 base T which allows a remote link also through web.

Two other serial interfaces RS 232 and six relay contacts complete the reliable interfaces. The power supply section can receive either alternate or continue tension (even if they are simultaneously); furthermore it can be removed completely (from its location) together with the switch on to permit easy maintenance.

The cooling fan located in the power supply section varies its speed proportionally to the temperature of the modules that are in the device allowing an adequate cooling of the system. The colour display placed on the device makes reliable, besides the information about the function of each board, the video signals in input and output to CODEC MPEG2 when they are placed in the Mainframe.

### Features

- Complete modular system
- Real Time Clock for temporal reference
- Internal memory to stored eventual alarms
- 6 slots to install any type of boards
- TFT front panel control
- Embedded Linux OS
- Complete web Management

### Applications

- Digital Microwave Links
- Backbone Systems
- Mpeg2 Encoder
- Modem up to 155 Mbit/s
- ASI Multiplexer
- ASI Remultiplexer

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