



UNIVERSAL SYSTEM UNDER MONITOR DISPLAY (DM4301R01)

FUNCTION FEATURES

- Under universal monitor display has configuration capacity for a simple text presentation ("14 & "20 monitors), a double text presentation (9" & 10" monitors) or a triple text (5" monitors), it can be configurable by the user.
- Presentation Features:
 - Simple mode: up to 23 characters.
 - Double mode: up to 10 characters.
 - Triple mode: up to 8 characters.All of them with ASCII alphanumeric digits presentation by dot matrix leds, graphic presentation and as options capability for several character sets.
- Red, green or amber color can be selected by requirement.
- Low profile unit (4cm depth), it allows the mounting overlapping use in the front of the monitor, it helps to save space (1UR). With the mechanical kit DM4030K50 is possible to fold front these units in order to access to the monitor control.
- Up to 3 tally indicators with independent managements. It programmes the local or remote control. This under monitor display has 3 outputs by closure contact or by voltage activation in order to activate the associated tallys to the monitors.
- The bright level control can be programmed by the user among 255 values. When the display is in standby and in case of enhancer with the tally activation, it is independent for each display zone, it depends on the simple, double or triple mode, all these functions are controlled from the unit control.
- The unit can store up to 10 messages at in EEPROM memory.
- In case of the power off or a power failure, the last messages stored up must appears on the UMD.
- Individual control by RS232-RS422 bus or Network bus control by RS485. It is able to connect up to 128 units, they are controlled by 2 control units simultaneously.
- Supply by external AC adapter to mains of 220V/50Hz. Model: DM4500R01.
- As optional, there is a possibility to be powered through network connection RS485 from the power unit DM4500R02. (It's able to power up to 30 display units).
- Identification of each display unit (up to 128), programmed by dipswitch, it is placed at the rear panel.
- It is 100% compatible with the old display units (DM4010 & DM4028) as well as with the old control unit (DM4000).
- There is an option with the Software Kit DM4030S10, the communication is through RS485 with digital input in Kroma monitors BM53XX serie. This allow us:
 - Presentation of 8 audio stereo channels obtained from the embedded audio in the SDI video signal and showing it in vertical bars format.
 - Presentation of a LTC, it is embedded in the frame of SDI video signal.
 - Presentation of source identification code inserted in the data ancillary of the SDI frame video signal.For all these options **ARE NOT REQUIRED ADDITIONAL HARDWARE.**
- Options with additional hardware of combined text presentation and audio level average for monitoring of analog audio or digital AES-EBU.
- Any other additional options can be requested by you requirement.

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