

DBM-10PM-HR

DYNAMIC UNDER MONITOR DISPLAY

Single Text and dual Tally lights in Half Rack width for Universal installation

CROSSPOINT manufactures several models of Display for installation on TV monitoring panels. **DBM-10PM-HR** is an Under Monitor Display to be mounted in TV Broadcast installations where it is necessary to identify the origin or destination of TV signal and indicate TALLY conditions. It is designed to be installed on non-standard size panels. Its width, only 212 mm, is equivalent to half that of a 19" rack, which allows it to be installed on almost any TV monitoring panel.

The **DBM-10PM-HR** model combine, in a single unit, the following features:

- **Single text message display**
- **Dual independent TALLY lights**
- **RS-485 network remote control capability**
- **Set-up by front panel push-buttons or by RS-485**
- **Universal mount**



TEXT & TALLY. Text display is clear and auto-centered. Brightness level is user-programmable from 1 to 100, which allows adapting the brightness level to the actual lighting of the room. The indication of active Tally situation is performed by large LED lamps which not only highlight text brightness to a level –also programmable–, but give a very clear indication of the signal “on the air”.

This type of Tally indication is so bright that monitors without Tally lights can be used, again reducing expenses, since usually this type of monitor has a markedly lower price. You will also save in cable and connectors, as there is no need to link up each Display to its associated video monitor.

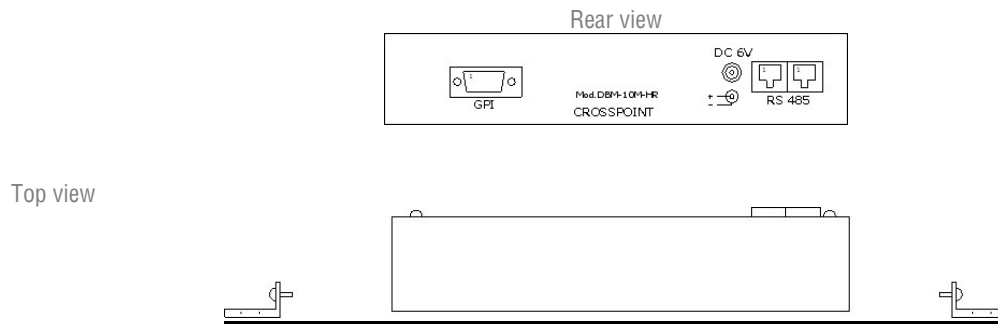
The unit has an internal non-volatile memory capable of storing 8 messages per text window, text brightness, message number,...which allows all relevant parameters to be restored at power up.

CONTROL. Their functions can be controlled with the push-buttons located on their front panel or via RS485 serial port.

The GPI input on the rear connector (Sub D, 9 pin) allows controlling locally the status of Tally lamps (two per message) when no Controller is available.

Using **CROSSPOINT**'s HUB-DSP controller, it is possible to modify texts on the displays quickly –in less than 10 seconds– without the intervention of specially trained operators. It also allows to configure (depending on the options) the remote conveying of Tally to the displays, their mapping from the keyboard, delivering time signal, relay-mapped tally output (for CCU, ...), dynamic following of routing switchers' status, reception of tally in serial format or saving user's set-ups protected by password and easily restored.

This unit is ready for installation on any panel with at least half the width of a standard 19" rack. It is 40 mm in depth and is powered by a AC universal mains to 6VDC adapter (included) with 100 to 240 VAC input range. It comes with front fitting brackets. Optionally, 1RU rack mounting adapter can be supplied.



SPECIFICATIONS:

| | |
|--------------------------|---|
| Model: | DBM-10PM-HR (2 brackets included) |
| Options: | MET.HR1-1RU Single unit 1RU adapter MET.HR2-1RU Dual unit 1RU adapter |
| Display: | Single text window with 10 matrix of 5x7 LED, 17,5 mm height. |
| Brightness: | Two levels (normal and Tally), adjustable each in 99 steps, by front panel puss-button or Remotely. |
| Memory: | Store 8 messages plus internal parameters and user setups in a non-volatile memory, lasting 10 years. |
| Tally: | Two TALLY lamps (red and green). When tally lights up, text brightness is highlighted. |
| Control of Tally: | GPI or RS485 network. |
| Communications: | RS485 port for multi-drop serial communication, 9600 baud, 8 bit data, 1 stop bit with no parity. CROSSPOINT protocol. Other protocols available using the CROSSPOINT HUB-DSP controller. |
| Connectors: | DC In RS-485: 2 x RJ-11 looped. GPI/O: Sub-D 9 pin male. Open collector, 100mA max. per output. Closed circuit to common ground for input. |
| Power Supply: | 6V DC stabilized. 100-240 mains adaptor included. |
| Max. Consumption: | 10 VA. |
| Size: | Width, 212 mm (without brackets), 268 mm (with brackets). Height, 42 mm (1RU). Depth, 40 mm(without connectors). |
| Weight: | 290 g. (without AC power adaptor) |

(Specifications subject to change without prior notice)

CROSSPOINT