

DBM-T8PM

TRIPLE DYNAMIC UNDER MONITOR DISPLAY

3 independent Text windows with dual Tally lights each

CROSSPOINT manufactures several models of Display for installation on TV monitoring panels. **DBM-T8PM** 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 almost any TV monitoring panel.

The **DBM-T8PM** model combine, in a single unit, the following features:

- **Triple text message display**
- **Dual independent TALLY lights per Text**
- **RS-485 network remote control capability**
- **Set-up by front panel push-buttons or by RS-485**



TEXT & TALLY. The DBM-T8PM presents three text messages, with eight characters each. Character width is fixed and messages are centered. Brightness level is user-programmable in 15 steps, which allows adapting the brightness level to the actual lighting of the room. It provides two independent Tally Lights per text window. 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 set 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.

The device comes ready for mounting on standard 19" rack; it is only 27 mm depth. It is powered by a AC universal mains to 6VDC adapter (included) with 100 to 240 VAC input range.

Rear view

**SPECIFICATIONS:**

Model:	DBM-T8PM
Display:	Three text windows, each one with 8 matrix of 5x7 LEDs, 7 mm height.
Brightness:	Two levels (normal and Tally), adjustable each in 15 steps by front panel puss-buttons or remotely (RS-485).
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) per text window. 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, 19" Height, 42 mm (1RU). Depth, 27 mm (without connectors).
Weight:	350 g. (without power adaptor)

(Specifications subject to change without prior notice)

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