

**DBM-10PM-DA
DBM-D9PM-DA
DBM-D9PM-2DA**

UNDER MONITOR DISPLAY WITH DA CONVERTER

TEXT, TALLY AND SDI TO PAL/NTSC CONVERSION

SDI digital video version with PAL/NTSC output

CROSSPOINT manufactures several models of Display for installation on TV monitoring panels. These Displays are designed for use in control rooms where different video and audio signals have to be presented and identified in a clear and simple manner. Situations like Tally and audio alarms are also signaled.

These models combine, in a single unit, the following features:

- **Single or dual text message display**
- **Dual independent TALLY lights per text**
- **1 or 2 SDI video to composite PAL/NTSC conversión**
- **RS-485 network remote control capability**



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”. Having two colors for Tally it is possible also to indicate audio alarms, etc., very clearly.

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.

DIGITAL TO ANALOG CONVERSION. The models DBM-10PM-DA and DBM-D9PM-DA have an internal D/A converter providing an analog composite PAL/NTSC video

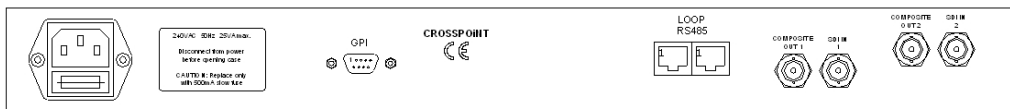
signal from SDI, with automatic detection. The model DBM-D9PM-2DA has two of them. You save money using cheap analog picture monitors instead the expensive ones with SDI input.

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

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 power supplied directly from the 100 – 240 VAC mains.

Rear view

**SPECIFICATIONS:**

Models:	DBM-10PM-DA DBM-D9PM-DA DBM-D9PM-2DA
Input video:	1 x SDI Digital video(SMPTE 259M), DBM-10PM-DA, DBM-D9PM-DA. 2 x SDI Digital video(SMPTE 259M), DBM-D9PM-2DA.
Output analog video:	1 x 1 Vpp. PAL(625/50) or NTSC(525/60), autodetect. DBM-10PM-DA, DBM-D9PM-DA. 2 x 1 Vpp. PAL(625/50) or NTSC(525/60), autodetect. DBM-D9PM-2DA.
Text window:	10 matrix with 5x7 LED each, 17 mm height., DBM-10PM-DA 9 + 9 matrix with 5x7 LED each, 17 mm height., DBM-D9PM-DA and DBM-D9PM-2DA
Brightness:	Two levels (normal and Tally), adjustable in 99 steps.
Memory:	Store 8 messages plus internal parameters and user setups.
TALLY:	Two TALLY lamps (red and green) per message window. When tally lights up, text brightness is highlighted.
Control of Tallies:	Over 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:	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. Video: 2 x BNC, DBM-10PM-DA, DBM-D9PM-DA. 4 x BNC, DBM-D9PM-2DA
Power Supply:	100 - 240 VAC, 47-63 Hz.
Max. Consumption:	25 VA.
Size:	Width, 19". Height, 42 mm (1RU). Depth, 125 mm. (without connectors).
Weight:	2,1 Kg.

(Specifications subject to change without prior notice)

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