

HUB-ALM

AUDIO ALARM PROCESSOR

CROSSPOINT manufactures different models of Displays for installation on monitoring panels. The displays indicating Presence of Audio are designed to detect various alarm conditions, like failure in digital flow of data, saturation/overload and silence. These alarms are visible on the front of Display in visual form (tricolored) and on the rear of each Display in the form of circuit closure.

The **HUB-ALM** model combine, in a single unit , the following features:

- **Multi-Alarm processing from CROSSPOINT audio displays, IPA**
- **RS-485 network remote control capability**
- **Serial port alarms reporting.**
- **Ethernet port, optional.**
- **Input/output serial port, optional.**
- **Parallel Input/output, optional.**



Since the number of audio/video signals controlled by an operator in the control room is everyday increased, it has proven very useful to concentrate all alarm signals on one location and to generate an indication strong enough to prevent an alarm from going undetected. This is easily achieved by linking all Displays in the control room to a Audio Alarm Processor HUB-ALM over the local RS485 network.

In this way, besides the visual alarm indication on the Display front, there can be an acoustic/visual alarm indication encompassing groups of Displays arranged according to the specific needs of the installation, i.e., grouped by racks, or provider, or satellite... . A push-button, associated to this alarm, allows the operator to “acknowledge” such alarm. This acknowledgement deactivates the indication of that group alarm until a new alarm within that group is triggered.

Groups can be as wide as all Displays in a single group, or a group with a single Display, generating its own alarm signal and associated to an “acknowledgement” button. The visual

alarm presented on the front of Displays will remain ON until the alarm condition disappears.

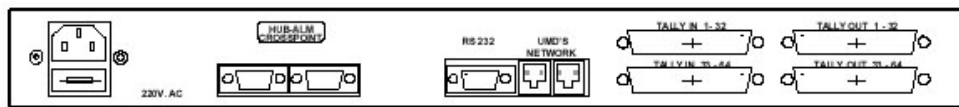
CROSSPOINT's HUB-ALM achieves important savings in wiring and time spent configuring the system, as it gathers all alarms under a single device, both in the form of “circuit closure” and via serial port. The serial port option allows linking with alarm “login” systems for monitoring audio alarms within the Center Control and Supervision System .

When there are several Audio Alarm Processors in different locations, these can be linked via the ethernet network of the installation, in order to obtain a unified indication of the state of alarms on the system's General Alarm Controller.

When you have installed the Under Monitor Display system by CROSSPOINT, these alarms can also be sent to the UMDs for their display in text form.

This unit is power supplied directly from the 100 - 240VAC.

Rear view



SPECIFICATIONS:

Model:	HUB-ALM
Alarm outputs:	RS232/RS422 serial port.
Configuration:	Via RS232 port.
Communications:	Party line with CROSSPOINT Audio Monitoring Displays IPA. RS485 port for multi-drop serial communication, 9600 baud, 8 bit data, 1 stop bit with no parity.
Options:	<p>64TALLY OUT. 64 Alarms Output: by Solid state Relés..</p> <p>PS-MTX: Serial Port and software to communicate with a HBU_DSP, UMD's Controller. NOTE: To configure the Processor please order at least one of the option bellow.</p> <p>64TALLY IN, 64 inputs by closure to GND, non-isolated.</p> <p>E-NET, 10BaseT Ethernet port.</p>
Power Supply:	100 - 240 VAC, 47 – 63Hz
Max. Consumption:	20 VA.
Size:	Width, 19". Height, 42 mm (1RU). Depth, 210 mm. (without connectors).
Weight:	3,5 Kg.

(Specifications subject to change without prior notice)

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