

PageNet 88

Zone Paging System

Description - PN88 Matrix

The PageNet88 is a matrix switching system which allows any one of up to 8 remote paging microphones to page into any combination of up to 8 output zones. The system also allows any one of up to 4 program inputs to be fed to any or all of the 8 output zones. An emergency input is also provided.

The PageNet88 matrix is an attractive, slim-line, 2 RU steel cabinet which may be desk or 19" rack mounted. It includes inputs for each of the 8 remote PageNet88M microphone stations (line level signal and control) and a line level output to each of the 8 output zones. Also included are inputs for the 4 program sources (CD, tape, tuner etc) with associated level trim pots and an input for an emergency signal such as from an EWIS control panel or priority message system. Included internally are alert and evacuate signal tone generators (defeatable) which may be activated remotely by simple contact closure.

The PageNet88 allows for total control over the operation of each of the 8 output zones. Each of the 8 output zones is equipped with controls for program selection (via 4 interlocking push-buttons), microphone level, program level, bass, treble and master output level - as we say, total control. Each zone also has an associated push button to allow the zone to be included or excluded from receiving paging announcements. The PageNet88 may be powered via AC mains (240 volts or 110 volts on special order) or DC, 12 - 24 volts.

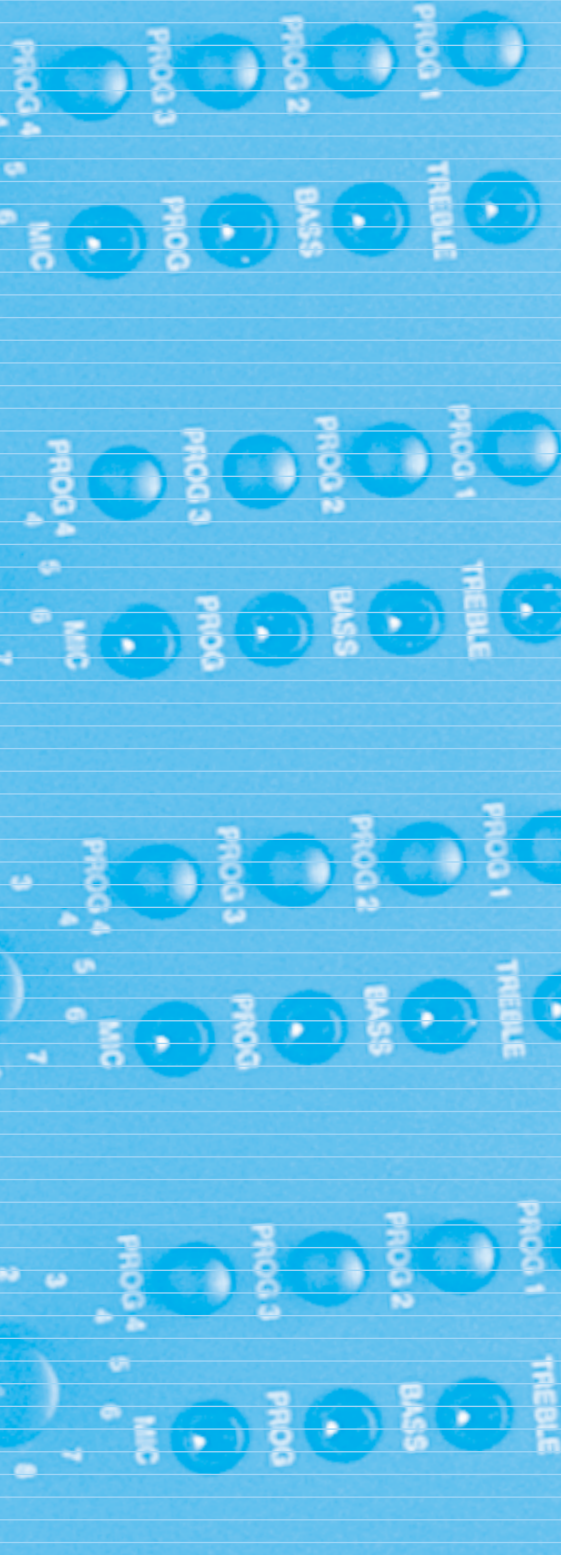
Description - PN88M Paging Microphone

Each PageNet88M microphone station includes 8 zone select buttons (with associated zone status LEDs), a 'Zone Page' button, an 'All Page' button, a 'Clear' button and a 'System Busy' LED. Also included is a gooseneck microphone and microphone sensitivity control. A bass cut switch is located on each PageNet88M to reduce 'booming' in high noise areas if required. The PageNet88M is housed in an attractive and heavy duty case and may be desk or wall mounted.

When a page is made, a pre-announce tone (defeatable) will sound in each of the output zones selected. Any program material playing in to the zone(s) selected will be ducked for the duration of the page. Microphone #1 has priority over Microphones #s 2-8 while Microphone #2 has priority over Microphones #s 3-8. While the system is being used (busy), a large red LED will flash on all PageNet88M microphone stations.

PageNet is available now and is a very cost effective and simple way of solving what can be a frustrating, customised and expensive audio installation problem.





Frequency Response	50Hz - 15kHz (± 3dB)
Total Harmonic Distortion	0.1%
Signal To Noise Ratio	-70dB
Input Sensitivity (Program Inputs)	100mV
Input Impedance (Program Inputs)	22K Ohms
Input Connection	Program Inputs: Dual RCA sockets with trim control; Zone Mics: Line Level XLRs; Zone Control: 15 pin standard 'D' connector
Outputs	Zone Outputs: 600 Ohm line level XLR (1.5V RMS)
Zone Input	100mV
Power Sources	AC: 240V - 50Hz or 110V - 60Hz (special order), 3 pin IEC connector; DC: 12-24V DC
Power Consumption	25 Watts (maximum)
Dimensions/Weight	88mm H x 480mm W x 200mm D (Chassis dimensions only). 6kg
Control Cable & Connector Requirements	Hartland HCE316 or equivalent; 15 pin standard 'D' connectors

ARCHITECTURAL AND ENGINEERING SPECIFICATIONS

The Zone Paging System shall consist of an 8 zone matrix switcher and up to 8 zone paging microphones. The switcher shall have facilities to enable up to 4 program inputs to be assigned to any of the 8 outputs via simple front panel push buttons. The switcher shall include program select, program level, mic level and master level controls for each zone. Additionally, any zone shall have the ability to be removed from the paging function via front panel buttons. The switcher shall also include a bell tone and evacuation tone as well as a defeatable pre-announce chime. An emergency input shall be provided on the rear panel.

The zone paging microphones shall have 8 zone buttons, each with a status LED, a zone page button, all page button and a clear button. A busy LED shall be included on each zone microphone. One microphone shall have overall priority, a second shall have secondary priority. All microphones shall have priority over the program sources.

The Zone Paging System shall be an Australian Monitor Installation Series PageNet88.



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