Australian Monitor
INSTALLATION SERIES

PageNet 88M
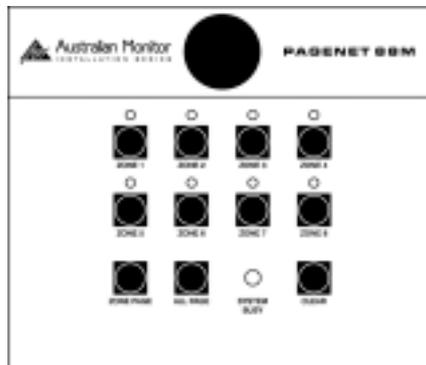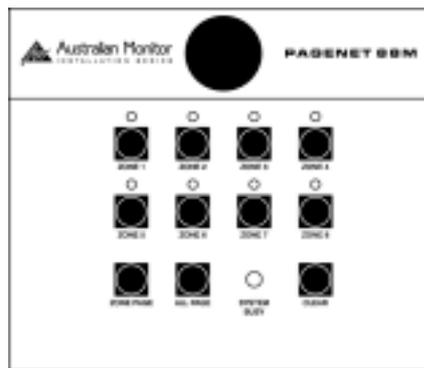## Zone Paging Microphone

Operating Manual

PageNet 88M, Zone Paging Microphone

Product Description

The PN88M is a compact, 8 zone paging station. To use the PN88M, just select the zones you wish to page and press and hold the 'Zone Page' button. All zones can be paged by simply holding the 'All-Page' button. A busy LED will flash on all of the other paging mics while the 'Zone Page' button or 'All-Page' button is held. If you wish to make a page and see that the 'System Busy' LED is flashing, it means that somebody else is paging and that you should wait until they have finished (light will extinguish) before you use your microphone. Microphones 1 and 2 can page irrespective or whether the system is busy or not, however they will mute anybody at a lower priority level. As a general rule, the busy LED shouldn't be ignored unless the page is urgent.

The PN88M has a balanced XLR **line level** output, as well as two 15 pin 'D Sub' connectors. These two connectors allow up to three mics to be 'daisy-chained' thus reducing the amount of cabling required. Mics 1 and 2 have priority and hence need to be wired individually to the matrix. Please note that the audio output from each mic needs to be individually wired to the matrix.

A trim (gain pot) can be found underneath the mic. This can be adjusted to compensate for noisy environments or an unusually quiet or over-zealous speaker. A 4 position dip switch can also be found underneath the mic. The first three positions of the dip switches identifies each microphone as either number 1, 2, 3………8. The 4th dip switch position is a bass roll-off switch for instances where the microphone is 'boomy' which may be a problem if the bass has been boosted on the actual matrix unit.

Important!!

Please note that each zone microphone must have it's address (to identify it as mic 1-8) set via the dip switches on the bottom of the mic base. Each mic must then be plugged into the corresponding XLR and 15 pin 'D' inputs on the matrix. When microphones are 'daisy-chained' then the 15 pin connector needs to be plugged in to the matrix input which matches the mic that is directly on the other end of that cable. For example, lets say Mic's 3, 4 and 5 are 'daisy-chained.'. If Mic's 4 and 5 are connected to Mic 3 (which has its 15 pin connector linked to the matrix), then that 15 pin connector must be plugged in to Logic port 3 at the rear of the matrix.

Zone Mic Dip-Switch Settings

	Switch 1	Switch 2	Switch 3
Mic 1	Off	Off	Off
Mic 2	On	Off	Off
Mic 3	Off	On	Off
Mic 4	On	On	Off
Mic 5	Off	Off	On
Mic 6	On	Off	On
Mic 7	Off	On	On
Mic 8	On	On	On

Switch 4	On-Normal Flat Response
	Off-Bass Cut (9dB @ 50Hz)

Australian Monitor INSTALLATION SERIES

Important Safety Information

1. **Save the carton and packing material even if the equipment has arrived in good condition.** Should you ever need to ship the unit, use only the original factory packing.

2. **Read all documentation before operating your equipment.** Retain all documentation for future reference.

3. **Follow all instructions** printed on unit chassis for proper operation.

4. **Do not spill water or other liquids into or on the unit,** or operate the unit while standing in liquid.

5. **Make sure power outlets conform to the power requirements** listed on the back of the unit.

6. **Do not use the unit if the electrical power cord is frayed or broken.** The power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the appliance.

7. **Always operate the unit with the AC ground wire connected** to the electrical system ground. Precautions should be taken so that the means of grounding of a piece of equipment is not defeated.

8. **Mains voltage must be correct and the same as that printed on the rear of the unit.** Damage caused by connection to improper AC voltage is not covered by any warranty.

9. **Have gain controls on amplifiers turned down during power-up** to prevent speaker damage if there are high signal levels at the inputs.

10. **Power down & disconnect units from mains voltage before making connections.**

11. **Never hold a power switch in the "ON" position if it won't stay there itself!**

12. **Do not use the unit near stoves, heat registers, radiators, or other heat producing devices.**

13. **Do not block fan intake or exhaust ports.** Do not operate equipment on a surface or in an environment which may impede the normal flow of air around the unit, such as a bed, rug, weathersheet, carpet, or completely enclosed rack. If the unit is used in an extremely dusty or smoky environment, the unit should be periodically "blown free" of foreign matter.

14. **Do not remove the cover.** Removing the cover will expose you to potentially dangerous voltages. There are no user serviceable parts inside.

15. **Do not drive the inputs with a signal level greater than that required to drive equipment to full output.**

16. **Do not connect the inputs / outputs of amplifiers or consoles to any other voltage source,** such as a battery, mains source, or power supply, regardless of whether the amplifier or console is turned on or off.

17. **Do not run the output of any amplifier channel back into another channel's input. Do not parallel- or series-connect an amplifier output with any other amplifier output.**

Audio Telex Communications Pty Ltd is not responsible for damage to loudspeakers for any reason.

18. **Do not ground any red ("hot") terminal. Never connect a "hot" (red) output to ground or to another "hot" (red) output!**

19. **Non-use periods.** The power cord of equipment should be unplugged from the outlet when left unused for a long period of time.

20. **Service Information** Equipment should be serviced by qualified service personnel when:

A. The power supply cord or the plug has been damaged.
B. Objects have fallen, or liquid has been spilled into the equipment
C. The equipment has been exposed to rain
D. The equipment does not appear to operate normally, or exhibits a marked change in performance
E. The equipment has been dropped, or the enclosure damaged.

Australian Monitor
INSTALLATION SERIES

Australian Monitor
INSTALLATION SERIES

Engineered by Audio Telex Communications Pty Ltd, Sydney, Australia
A.B.N. 78 001 345 482 Inc in NSW

www.audiotelex.com.au

Export Sales & Corporate Head Office
Private Bag 149, Silverwater NSW 1811
149 Beaconsfield Street, Silverwater NSW 2128
Australia
Ph: 61-2- 9647 1411
Fax: 61-2-9748 2537
E-mail: ho@audiotelex.com.au

Sydney (NSW & ACT Sales)
Private Bag 149, Silverwater NSW 1811
149 Beaconsfield Street, Silverwater NSW 2128
Ph: (02) 9647 1411
Fax: (02) 9648 3698
E-mail: nsw@audiotelex.com.au

Melbourne (Vic & Tas Sales)
P.O. Box 131, Blackburn South VIC 3130
22/277 Middleborough Road, Box Hill VIC 3128
Ph: (03) 9890 7477
Fax: (03) 9890 7977
E-mail: vic@audiotelex.com.au

Brisbane (Qld Sales)
P.O. Box 871, Fortitude Valley QLD 4006
42 Commerical Road, Fortitude Valley QLD 4006
Ph: (07) 3852 1312
Fax: (07) 3252 1237
E-mail: qld@audiotelex.com.au

Adelaide (SA & NT Sales)
P.O. Box 157, Hindmarsh SA 5001
31 Walsh Street, Thebarton SA 5031
Ph: (08) 8352 4444
Fax: (08) 8352 4488
E-mail: sa@audiotelex.com.au

Perth (WA Sales)
P.O. Box 404, North Perth WA 6906
299 Fitzgerald Street, West Perth WA 6005
Ph: (08) 9228 4222
Fax: (08) 9228 4233
E-mail: wa@audiotelex.com.au

Auckland (NZ Sales)
P.O. Box 512, Albany 1331
Unit B, 11 Piermark Drive, Albany 1331
Ph: (09) 415 9426
Fax: (09) 415 9894
E-mail: audiotlx@nznet.gen.nz