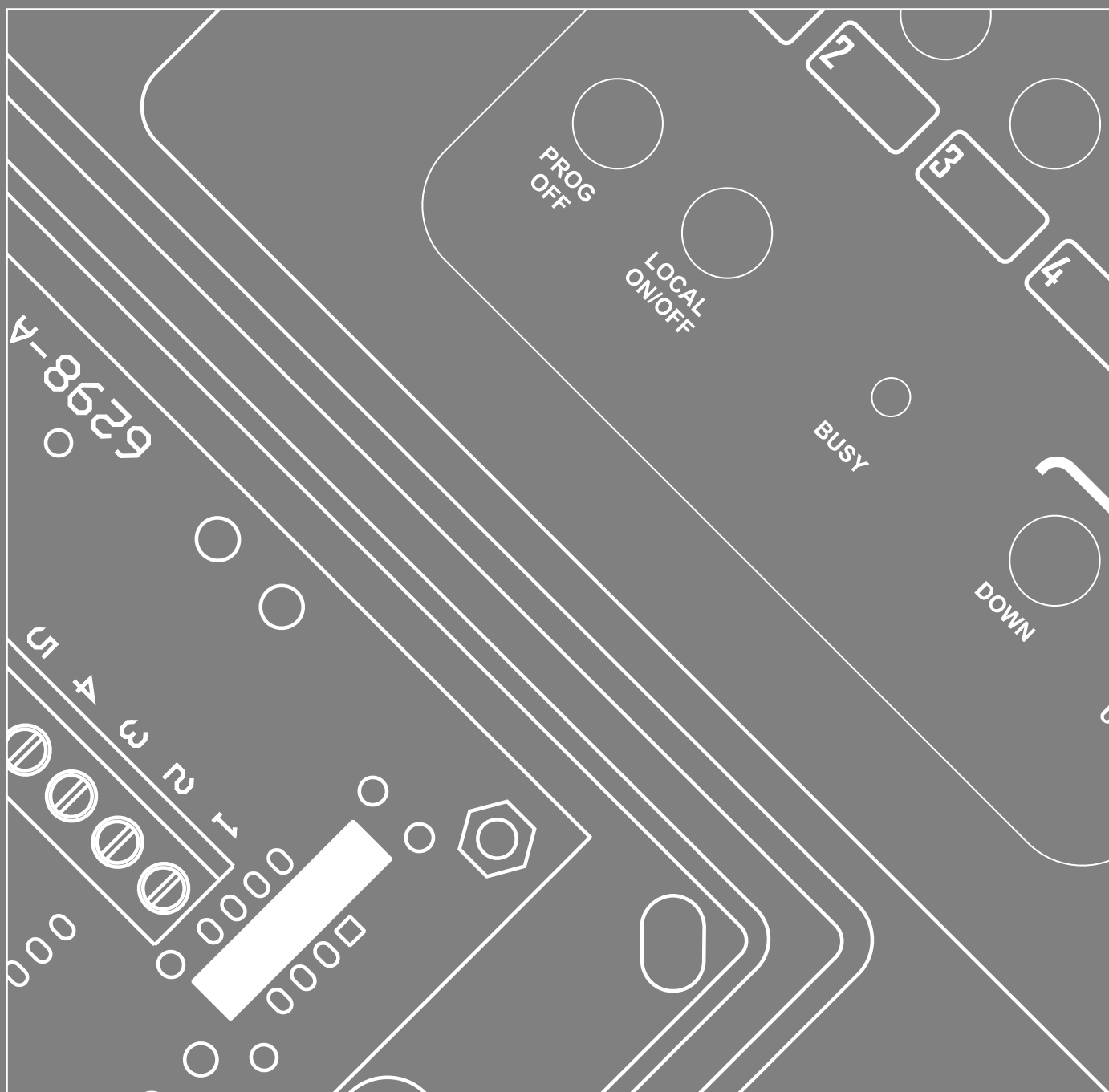




Australian Monitor
INSTALLATION SERIES

DPRM

REMOTE CONTROL PANEL INSTALLATION AND OPERATION MANUAL





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.

Australian Monitor Inc 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.

THIS SAFETY INFORMATION IS OF A GENERAL NATURE AND MAY BE SUPERSEDED BY INSTRUCTIONS CONTAINED WITHIN THIS MANUAL

INTRODUCTION AND CONTENTS

The Australian Monitor Installation Series DPRM Remote Control Panel is a control surface that is designed to be used with the DigiPage Zone Paging and Source Selection System.

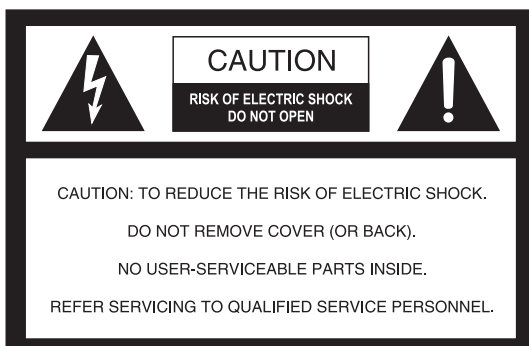
The DPRM allows control over program source selection, local input selection and volume control from a remote location.

LED illumination provides the user with visual feed back if the system is busy.

Connection to the DigiPage is via low cost CAT 5 cable and as with all Australian Monitor Installation products, the Remote Control Panel provides an elegant solution at a contractor friendly price.

INTRODUCTION	3
CONTROLS	4
INSTALLATION	5
PROGRAMMING	6

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WARNING !

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK.
DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

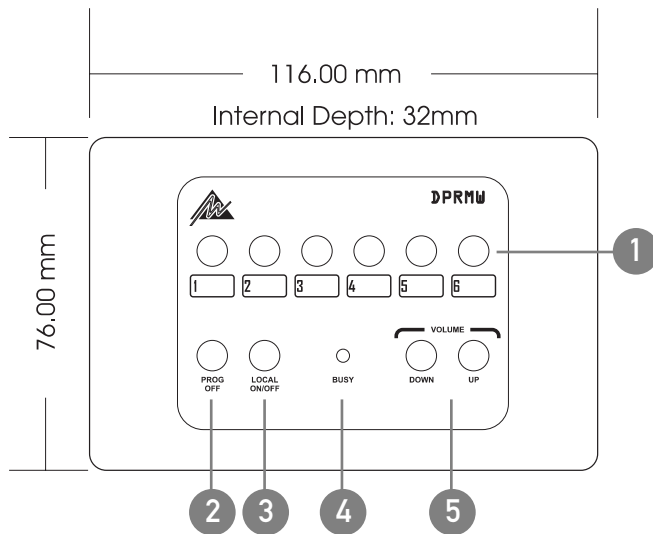


This symbol is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying the appliance.

Caution:

To prevent electric shock do not use this (polarised) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure. To prevent electric shock, match wide blade of plug to wide slot, fully insert.

CONTROLS



All the controls correspond only to the zone for which the panel is programmed by the installer. (see programming section)

1 PROG 1-6

This row of 6 buttons selects the numbered program source. They are electrically interlocking meaning that selecting one source will deselect the previously selected source.

2 PROG OFF

This button will turn off the program source that is currently selected.

3 LOCAL ON/OFF

This button toggles the local input on or off.

4 BUSY

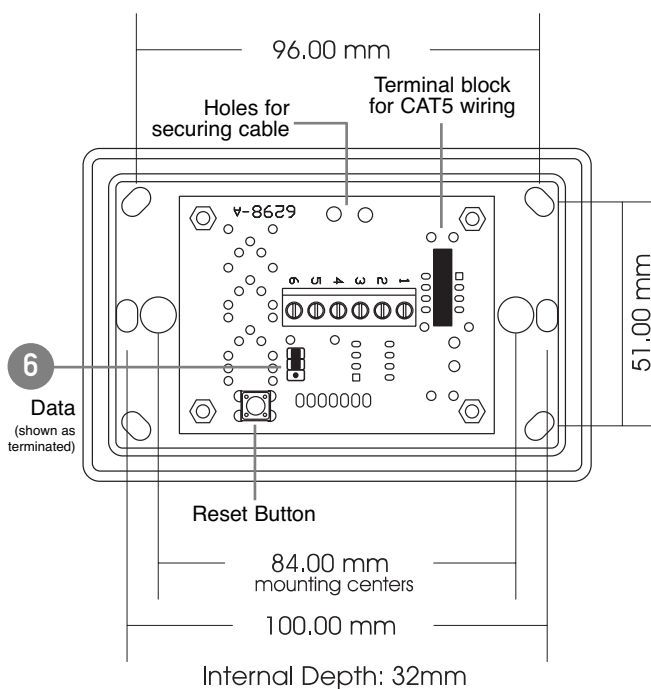
This LED lights when the system network is busy. The remote control panel is disabled while the system is busy unless it is the panel in use generating the busy indication.

5 VOLUME UP/DOWN

These two buttons increase or decrease the volume within the zone.

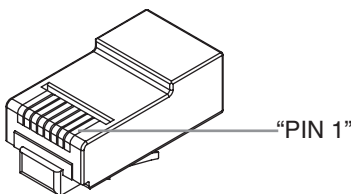
6 TERMINATING

In an RS485 network (of which the DigiPage is part of) it is important to terminate the last device in the network CAT5 RUN. A jumper is provided for the data transmission to be terminated if that Remote Control Panel is at the end of a CAT5 RUN. Shipped as terminated.




INSTALLATION

The CAT5 cable connects to the screw terminals numbered 1-6. These numbers correspond to the pins of the RJ45 connector on the main unit. If following the 568A convention, the wire colours are wired as:



PIN	WIRE COLOUR	DP NETWORK
1	White/Green	Ground
2	Green	+18V
3	White/Orange	Data+
4	Blue	Busy-
5	White/Blue	Busy+ (+18V)
6	Orange	Data-
7	White/Brown	Spare
8	Brown	Spare

Ensure that the spare pair cannot short to anything.


 **NOTE: If the Remote Control Panel is NOT the last unit in the CAT5 RUN and there are paging stations connected further down the run it is important that the spare pair is continued to the next unit otherwise voice information from the paging stations will not get to the main DigiPage unit.**

There are two holes available adjacent to the terminal block for securing the CAT5 cable with a cable tie.

PROGRAMMING

The following steps are for programming the remote control panel for use in ZONE X:

- 1 Hold down the RESET button on the back.
- 2 While holding down the RESET button, hold down both the Up and Down volume buttons.
- 3 Release the RESET button.
- 4 The remote control panel will beep 3 times indicating it is in program mode. The BUSY LED will stay lit while in program mode.
- 5 Press the Up button X times (the unit will beep each time).
Eg. for ZONE 4, press 4 times
- 6 Press the Down button.
- 7 The BUSY LED will go out. The remote control panel is now programmed.
- 8 Confirm that the panel is controlling the correct zone.

 **NOTE: You have approx. 2 secs to begin the programming and between button presses else it will exit programming mode.**

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