



SOUNDMASK®

OPERATING MANUAL
ZONE DISTRIBUTOR



MODEL **SM-DR-5000**



www.soundmask.com.au

IMPORTANT SAFETY INFORMATION

The information furnished in this manual does not include all of the details of design and engineering of this particular product; nor does it cover every possible application or situation concerning its usage, which may occur during the installation, operation or maintenance of the product.

IMPORTANT - THE PRODUCT REQUIRES CLASS 2 OUTPUT WIRING

TO PREVENT ELECTRIC SHOCK, DO NOT REMOVE TOP OR BOTTOM COVERS. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL. DISCONNECT POWER CORD BEFORE REMOVING REAR PANEL COVER TO ACCESS GAIN SWITCH.

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE!

CAUTION Do not locate sensitive high-gain equipment such as preamplifiers or tape decks directly above or below this unit. Because this amplifier has a high power density, it has a strong magnetic field which can induce hum into unshielded devices that are located nearby. This field is strongest just above and below the unit. If an equipment rack is used, we recommend locating the amplifier(s) at the bottom of the rack and the preamplifier or other sensitive equipment at the top.

Safety Instructions

1. Read, follow and retain these instructions.
2. Read all warnings.
3. The apparatus must not be exposed to dripping or splashing and no objects filled with liquids, such as vases, may be placed on the apparatus. Do not use this apparatus near water. Clean only with a damp cloth.

4. The apparatus must be connected to a mains socket outlet with a protective earthing connection.
5. The appliance coupler must remain readily operable for disconnection from the mains.
6. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
8. Do not install the safety purpose of a polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and third grounding plug. The wide blade or the third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
9. Protect the power cord from being walked on or pinched, particularly at plugs, convenience at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use power cord from attachments/ accessories specified by the manufacturer.
11. Use only with a cart, stand, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from flip-over.
12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, or does not operate normally.

Please follow the instructions in this manual to obtain the optimum results from this unit. We also recommend that you keep this manual handy for future reference.

GENERAL DESCRIPTION

The unit is a five channel volume control, each channel with separate attenuator. It is a single rack unit designed for convenient installation. Each channel has a maximum loading capability of 200 watts.

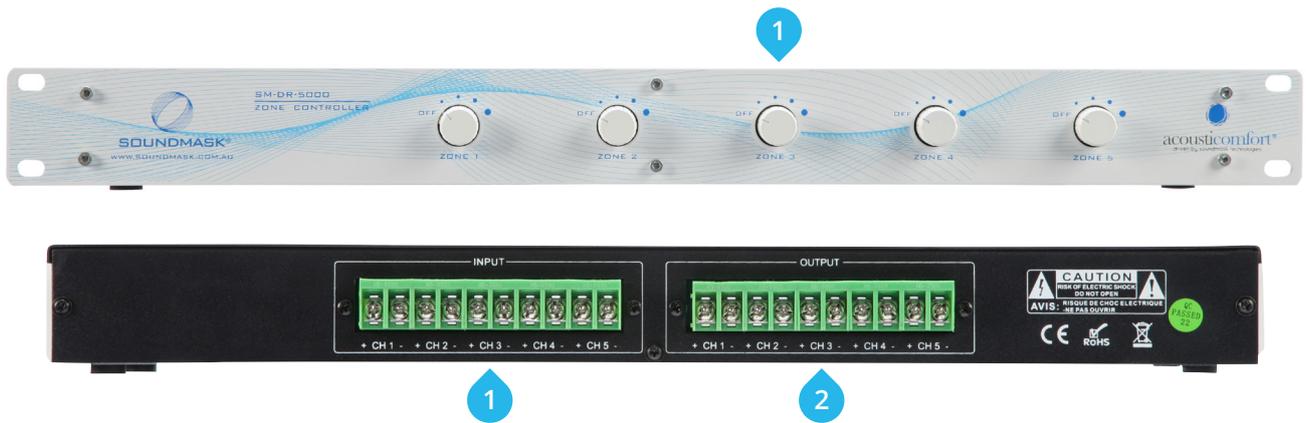
DESIGN FEATURES

- › Ideal for controlling volume in up to five speaker zones
- › An override feature is provided to disable the volume control settings in the event of an emergency
- › Five channel input and output
- › Five independent channels, 200 watts per channel, 1000 watt control capacity
- › Five-step attenuation per channel
- › Frequency response: 100Hz~16KHz, distortion less than 1.5dB

SPECIFICATIONS

Model	SM-DR-5000
Power requirements	~240V/50Hz 24DC (Optional)
Dimensions	484 x 144 x 44 mm
Net weight	4.6Kg
Gross weight	5.9Kg
Compliance	
Safety information	Mount unit in locations that provide unobstructed air movement to minimise the risk of overheating.

USER INTERFACE



FRONT PANEL

1. ZONE 1 - 5 : five channel volume controls.

REAR PANEL

1. INPUT (CH1 - CH5) : Signal input (CH1 - CH5).
2. OUTPUT (CH1 - CH5) : Signal output (CH1 - CH5).

DIMENSIONAL DIAGRAM



EXAMPLE LAYOUT

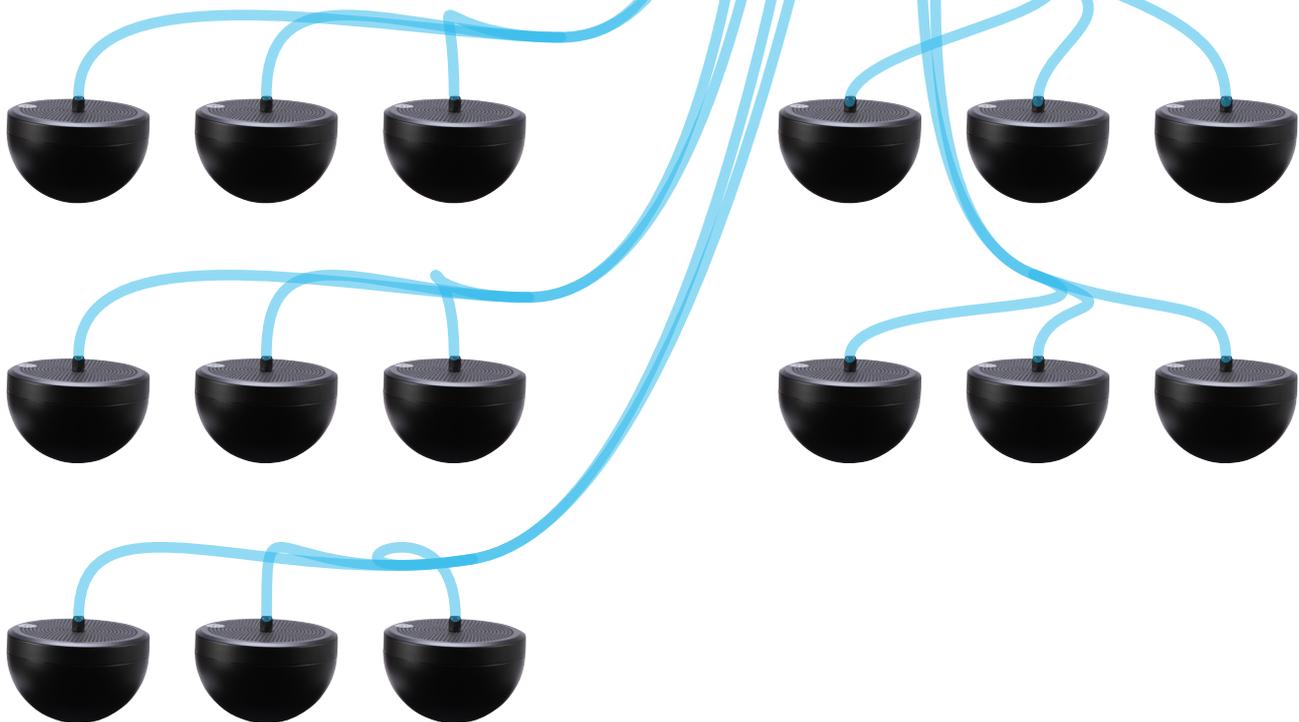
RANDOM DIGITAL NOISE GENERATOR [SM-GR-3100](#)



ZONE DISTRIBUTOR [SM-DR-5000](#)



CEILING TRANSDUCER [SM-T-1200](#)



- NOTES**
- › The [SM-DR-5000](#) is capable of servicing up to 100 transducers for each generator.
 - › Diagram not to scale.

TROUBLESHOOTING

If the unit is running slowly or “freezes up”, reset the unit by turning it off using the power switch. Leave the unit to reset for 15 minutes before turning the power switch on again.

For any further problems, contact us via the detail below.

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NOTES



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