

FOR MUSIC LOVERS, BY MUSIC LOVERS.

ISO 4

Master Sounds

Welcome to the MasterSounds ISO 4. Our 4-band desktop isolator.

ISO 4 has been designed for creative isolation and shaping of sound, with a “no compromise” approach to audio fidelity. Compact, desktop, and ultra-versatile with 4 bands of isolation, switchable to 3 bands at the touch of a button.

It's isolation on another level, built for discerning audio lovers.

If you experience any issues, please contact us immediately - scan the QR codes below for our support and, social channels.



Support



Socials

IMPORTANT SAFETY INSTRUCTIONS

READ THE INSTRUCTIONS Read and retain these instructions for future reference. Adhere to all warnings printed here and on the console and its power unit.

COVERS Do not remove the power unit cover. Operate the console with its cover correctly fitted. Refer servicing work to authorised personnel only.

MAINS POWER Connect the console power unit to a mains power supply only of the type described in this user guide and marked on the unit. The power source must provide a good ground connection. Do not remove or tamper with the ground connection in the power cord. Use the power cord with a sealed mains plug appropriate for your local mains supply as provided with the console. Route the power cord so that it is not likely to be walked on, stretched or pinched by items placed upon or against it. MasterSounds recommends the use of a mains conditioner on all our DJ mixers.

INSTALLATION Install the console and its power unit in accordance with the instructions printed in this user guide. Do not connect the output of power amplifiers directly to the console. Use audio connectors and plugs only for their intended purpose.

VENTILATION Ensure adequate ventilation around the console and its power unit. Do not obstruct the ventilation slots or position the unit where the airflow required for ventilation is impeded.

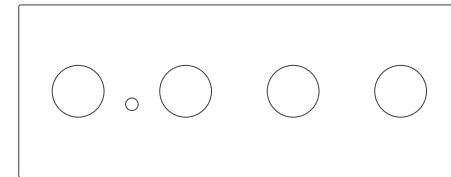
MOISTURE To reduce the risk of fire or electric shock do not expose the equipment to rain or moisture or use it in damp or wet conditions. Do not place containers of liquids on it, which might spill into any openings.

ENVIRONMENT Locate the units away from direct sunlight and any equipment which produces heat, such as power supplies, amplifiers, and heaters. Protect from excessive dirt, dust, heat, and vibration when operating and storing. Avoid tobacco ash, drinks spillage, and smoke, especially that associated with smoke machines. Do not mount the power supply on any surface subject to resonance or vibration.

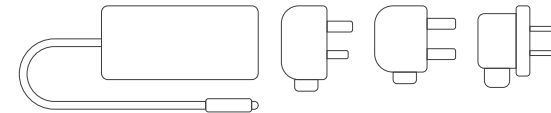
HANDLING To prevent damage to the controls and cosmetics avoid placing heavy objects on the console surfaces, scratching the surface with sharp objects, or rough handling and vibration. Protect the controls from damage during transit. Use adequate packing if you need to ship the unit.

WHAT'S IN THE BOX

1x ISO 4 Unit



1x Power Supply + plug fittings



1x Keep on Groovin' Postcard



FRONT PANEL CONTROLS



1- SUB The SUB rotary pot enables full cut or unto +7dB of boost to the subharmonic musical frequencies from 110Hz.

2- 4 WAY / 3 WAY BUTTON The 4 WAY/3 WAY button illuminates RED when activated and changes the 4 bands of isolation to 3 bands. in 3-band mode, the LOW pot changes frequency from 210Hz to 650Hz, enabling a sharper cut or boost to the low frequencies. Explore both 4-band and 3-band for creative isolation to suit your taste and musical style.

3- LOW The LOW rotary pot enables full cut or unto +7dB of boost to the low musical frequencies from 210Hz in 4 band mode, and 650Hz in 3 band mode.

4- MID The MID rotary pot enables full cut or unto +7dB of boost to the subharmonic musical frequencies from 1500Hz.

5- HIGH The HIGH rotary pot enables full cut or unto +7dB of boost to the subharmonic musical frequencies from 3000Hz.

REAR PANEL CONTROLS



1- POWER Universal 90V / 265V 50/60HZ 12V 5W Max

2- XLR OUTPUT RIGHT / LEFT XLR output sockets for sending ISO4's output to your amplifier or powered monitor speakers with XLR input sockets.

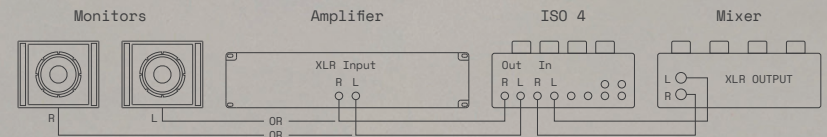
3- XLR INPUT RIGHT / LEFT XLR input sockets for sending output signal of your DJ mixer or mixing console to ISO4. Please refer to the connection map shown below.

4- INSERT RIGHT / LEFT Our insert point allows ISO 4 to be inserted into the audio mix buss at line level using 1/4" TRS (balanced) jack plugs. Please refer to the connection map shown below.

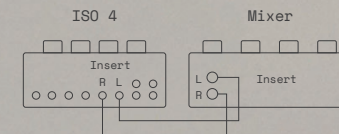
5- RCA OUT / IN R / L RCA input and output sockets for adding ISO4 into the audio chain between your mixer output and amplifier or powered monitor input. Please refer to the connection map shown below.

ISO4 Connection Map

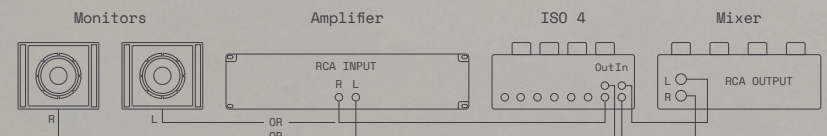
Output Source: XLR



Output Source: Insert



Output Source: RCA



TECHNICAL SPECIFICATIONS

SUB to LOW MID 85Hz / LOW MID to HIGH MID 520Hz / HIGH MID to HIGH 3800Hz.

POWER REQUIREMENT

Each ISO 4 is supplied with a compact switch mode power supply, with clip-on territory-specific power sockets for plug-and-play use, globally.

External Power - Universal 90V / 265V AC 50/60HZ 12V 5W Max.

DC Internal Power Rails - +/- 18V DC

AUDIO PERFORMANCE

THD+N - 0dBu Line In to Mix Out +4dBu = 0.008%

Frequency Response - 20Hz - 100kHz +/- 1dBu

Mix Noise - Line In to Mix Out Unity -81dBu unweighted.

Residual Output Noise -105dBu

Left/Right Crosstalk -78dB

Fader Shutoff - -80dB

Maximum Output +27.5dBu

GAIN STRUCTURE

Channel + 7dBu

Master +9.5dBu

Nominal Output Level +4dBu

Insert Level -2dBu

DIMENSIONS & WEIGHT

W = 230mm* L = 90mm* H = 84mm*

Weight = 1.15kg

*Please Note: This is the Faceplate size. Not including knobs, sockets, cabling, etc.

Packed Dimensions:

W = 190mm L = 305mm H = 205mm

Packed weight = 1.7 KG

WARRANTY

MasterSounds warrants that this product shall be free of defects in workmanship and materials for a period of twenty-four months from the date of purchase. In the event that the product fails to operate as intended, MasterSounds will repair or replace the product subject to the following conditions.

- That the failure was not due to improper installation, operation, cleaning or maintenance, accident, damage, misuse, abuse, or non-approved modifications to the Mixer.
- The warranty does not cover normal wear and tear or any other event, act, default or omission outside MasterSounds control.
- Faulty products must be returned to MasterSounds or an authorised service agent along with the original invoice or proof of purchase, and the mixer must be returned packed in the original shipping box. Please contact MasterSounds before shipping a faulty unit.
- The warranty applies only to the original purchaser and is not transferrable.
- At their sole discretion, MasterSounds may either repair the defective product or replace with an equivalent service exchange item.
- This warranty constitutes the purchaser's sole remedy. MasterSounds shall not be liable for any other repair or replacement cost or any damage or loss directly or indirectly related to the malfunction of this mixer.

Pots & switches & crossfaders are warranted for 3 months from the date of purchase.

MasterSounds ISO 4 complies with the European Electromagnetic Compatibility directives 2014/30/EU and the European Low Voltage directives 2014/35/EU.

ISO 4 Operation Manual

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www.mastersounds.co.uk

