

Master Sounds

LinearPOWER Operation Manual



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1: Important safety instructions - Read first

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.

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 air flow 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.

2: Overview



In response to customer demand, MasterSounds now offer a linear power supply accessory for its range of DJ mixers, or as an external supply for the Technics SL-1210 turntable.

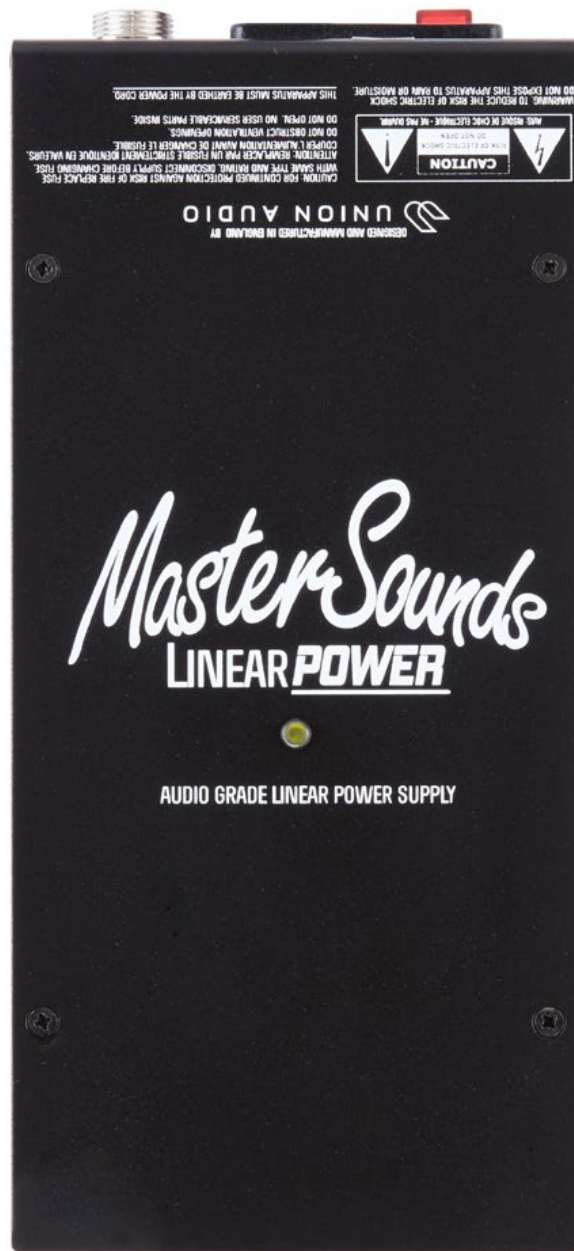
The power supply features a hybrid discrete regulator design, controlled by a very accurate IC voltage reference and feedback loop. Output voltage can be pre-set to 15V, 18V or 21V, with other custom voltages available by request. Output current is rated at 1 amp continuous, but the supply can deliver more than double this for short periods.

With a compact toroidal transformer, 1% tolerance metal film resistors and high-quality capacitors used throughout, long life and continued high performance are ensured.

The power supply is protected against over temperature and short circuit events, but crucially it also includes over voltage protection to prevent damage to any connected devices.

The unit is housed in a smart in-house designed steel chassis, with illuminated power switch and a light-piped bi-colour LED to indicate status (**green** = **good**, **red** = **fault**).

3: Top panel



LinearPOWER has a light-piped bi-colour LED to indicate status (**green** = **good**, **red** = **fault**).

Please also take time to read the safety notices screen-printed on the front panel.

4: Rear panel connectivity



MAINS INPUT - This shows the mains input voltage of LinearPOWER. **It is vital** that the power supply is only used with the regional mains voltage specified on the unit.

OFF/ON - The rear of LinearPOWER features a fused IEC power inlet with red OFF/ON switch. This is where the supplied IEC lead is to be connected.

DC POWER OUT - Attach the supplied lead to the power input of your MasterSounds DJ mixer or Technics SL turntable and attach the lead to LinearPOWER, then screw the barrel-locking nut into place without over-tightening.

VOLTAGE - The unit's voltage will be indicated to the right of the DC POWER OUT connector. Each voltage is specific to a MasterSounds DJ mixer, or Technics SL turntable. **The voltage and current are product specific. Please do not use LinearPOWER for anything other than the intended application.**

5: Warranty

MasterSounds warrants that the Mixer shall be free of defects in workmanship and materials for a period of twelve 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.

1. That the failure was not due to improper installation, operation, cleaning or maintenance, accident, damage, misuse, abuse, or non-approved modifications to the Mixer.
2. The warranty does not cover normal wear and tear or any other event, act, default or omission outside MasterSounds control.
3. 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.
4. The warranty applies only to the original purchaser and is not transferrable.
5. At their sole discretion, MasterSounds may either repair the defective product or replace with an equivalent service exchange item.
6. 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.



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

6: Technical specification

Dimensions	104W x 220D x 55H
Weight	1.5KG
Packed Dimensions	320W X 170D 170H
Packed weight	2.5KG

Power Requirement

Mains Input requirement	Country specific, pre-wired during assembly 115VAC 60Hz or 230VAC 50Hz
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DC Output Voltage	15V, 18V, 21V DC
Output Current	1A Continuous, 2A Peak

Output Noise	<-85dBu
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Fuses*

Main Input	T800mA Slow Blow
Internal	F2.5A Fast Blow

Overvoltage Protection	>24V DC
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*Replace Fuses with exact Type Only

MasterSounds reserves the right to change the specification without notice.

MasterSounds

 UNION AUDIO

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