

Soundcraft DPS-2 Power Supply

USER MANUAL.....



Soundcraft DPS-2 Power Supply

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SAFETY SYMBOL GUIDE

For your own safety and to avoid invalidation of the warranty all text marked with these Symbols should be read carefully.



CAUTIONS

Must be followed carefully to avoid bodily injury.



WARNINGS

Must be observed to avoid damage to your equipment.



NOTES

Contains important information and useful tips on the operation of your equipment.



IMPORTANT

Please read this manual carefully before connecting your DPS-2 Power Supply Unit to the mains for the first time.



This equipment complies with the EMC directive 89/336/EEC and LVD 73/23/EEC and 93/68/EEC
Environment: E1-E4
This product is approved to safety standards:

Product Part No:

DPS-2: RW8029

EN60065 : 1994 UK/EU
UL6500 : 1996 US
CSA E65 : 1994 CAN

Inrush Current: 29 Amps AC PEAK

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Part No. ZM0267
Issue I

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WARRANTY

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- 1 **Soundcraft** is a trading division of Harman International Industries Ltd .
End User means the person who first puts the equipment into regular operation.
Dealer means the person other than Soundcraft (if any) from whom the End User purchased the Equipment, provided such a person is authorised for this purpose by Soundcraft or its accredited Distributor.
Equipment means the equipment supplied with this manual.
- 2 If within the period of twelve months from the date of delivery of the Equipment to the End User it shall prove defective by reason only of faulty materials and/or workmanship to such an extent that the effectiveness and/or usability thereof is materially affected the Equipment or the defective component should be returned to the Dealer or to Soundcraft and subject to the following conditions the Dealer or Soundcraft will repair or replace the defective components. Any components replaced will become the property of Soundcraft.
- 3 Any Equipment or component returned will be at the risk of the End User whilst in transit (both to and from the Dealer or Soundcraft) and postage must be prepaid.
- 4 This warranty shall only be valid if:
 - a) the Equipment has been properly installed in accordance with instructions contained in Soundcraft's manual; and
 - b) the End User has notified Soundcraft or the Dealer within 14 days of the defect appearing; and
 - c) no persons other than authorised representatives of Soundcraft or the Dealer have effected any replacement of parts maintenance adjustments or repairs to the Equipment; and
 - d) the End User has used the Equipment only for such purposes as Soundcraft recommends, with only such operating supplies as meet Soundcraft's specifications and otherwise in all respects in accordance Soundcraft's recommendations.
- 5 Defects arising as a result of the following are not covered by this Warranty: faulty or negligent handling, chemical or electro-chemical or electrical influences, accidental damage, Acts of God, neglect, deficiency in electrical power, air-conditioning or humidity control.
- 6 The benefit of this Warranty may not be assigned by the End User.
- 7 End Users who are consumers should note their rights under this Warranty are in addition to and do not affect any other rights to which they may be entitled against the seller of the Equipment.

IMPORTANT SAFETY INSTRUCTIONS



CAUTION

To avoid the risk of fire, replace the mains fuse only with the correct type and value fuse, as marked on the rear panel.

- **AVIS: - AFIN DE REDUIRE LE RISQUE DE FEU REMPLACER SEULEMENT AVEC FUSIBLE DE MEME TYPE.**

- **REPLACING MAINS FUSE**

Switch the ON/OFF switch to the OFF position. Remove the mains lead from the connector. Use a small screwdriver to prise the fuse carrier from its location in the connector. Check the fuse and replace if necessary; also check that the voltage selection is correct for the mains supply level before switching the unit ON again.

If the mains fuse fails repeatedly this may be because an electrical safety hazard exists. The unit must be taken out of service and referred to the Soundcraft dealer from where the equipment was purchased.

- **THIS UNIT MUST BE EARTHED**

Under no circumstances should the mains earth be disconnected from the mains lead.

- **AVIS: - CET APPAREIL DOIT ETRE BRANCHE A LA TERRE.**

- The wires in the mains lead are coloured in accordance with the following code:
Replacement Part No: FJ8016 (UK) : FJ8017 (EU) : FJ8018 (US & CAN)

	<u>UK & EU</u>	<u>US & CAN</u>
Earth:	Green and Yellow	Green/Yellow
Neutral:	Blue	White
Live:	Brown	Black

As the colours of the wires in the mains lead may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured Green and / or Yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol.

The wire which is coloured Blue or White must be connected to the terminal in the plug which is marked with the letter N.

The wire which is coloured Brown or Black must be connected to the terminal in the plug which is marked with the letter L.

Ensure that these colour codings are followed carefully in the event of the plug being changed.

- Do not defeat the safety purpose of the 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 a third grounding prong. The wide blade or the third prong are provided for your safety. when the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- This unit is capable of operating over a range of mains voltages as marked on the rear panel. It is important to ensure that the correct mains fuse is fitted before switching on the unit.
- Do not install near any heat sources such as radiators, heat resistors, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not use this apparatus near water.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.

- 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, does not operate normally or has been dropped.
- It is recommended that all maintenance and service on the product should be carried out by Soundcraft or its authorised agents. Soundcraft cannot accept any liability whatsoever for any loss or damage caused by service, maintenance or repair by unauthorised personnel.
- Use only with a cart, stand, hood, 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 tip-over.



AVIS: RISQUE DE CHOC ELECTRIQUE
- NE PAS OUVRIR



WARNINGS

- **Read these instructions.**
- **Keep these instructions.**
- **Heed all warnings.**
- **Follow all instructions.**
- **This unit contains no user serviceable parts. Refer all servicing to a qualified service engineer, through the appropriate Soundcraft dealer.**
- **Clean only with a dry cloth.**
- **Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.**

RM1d Console

Ensure that only the DPS-2 Power Supply Unit is connected to the RM1d console.

CONNECTING UP

Before you start

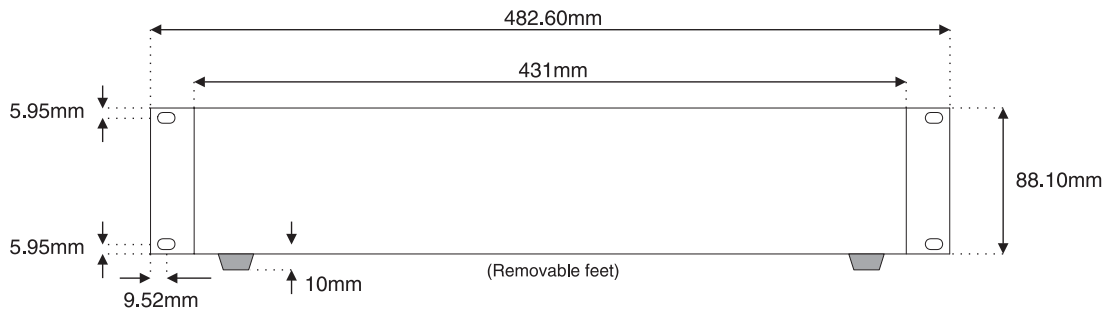
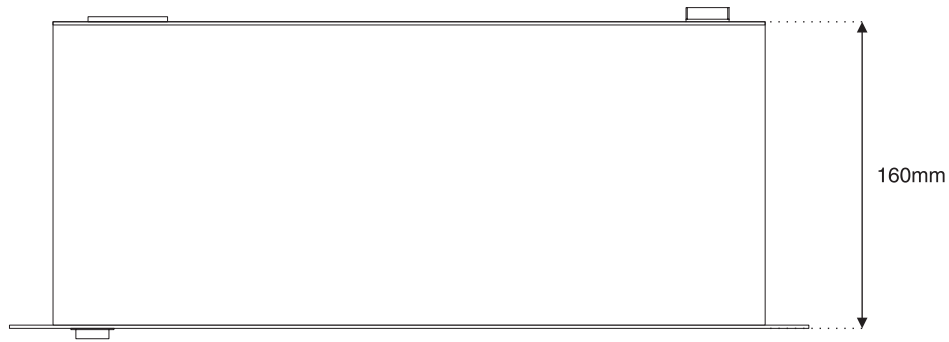
Ensure the DPS-2 power supply is NOT connected to the Mains and is turned OFF.

The Power supply can be positioned anywhere within reach of the RMI-d and an available power socket, but is best rack-mounted in a position where airflow through the vents is not obstructed and where the power switch or cables cannot be accidentally knocked. Although not essential to the correct operation of the RMI-d, a maintained power feed is desirable to protect the station output in case of mains failure. However, if a UPS is to be shared with other items of equipment, ensure that the total load does not exceed the rated specification of the UPS. Connect the multi-way power cable between the DPS-2 External Power Supply and the RMI-d Power connector. Screw the connector locking ring clockwise on both units to secure the cable. The locking ring should be firm, but not tight. Connect an IEC type mains cable with the plug fused at 3 AMPS, to the mains input socket on the DPS-2. Connect the other end to the nearest plug socket and switch on the power to the DPS-2.

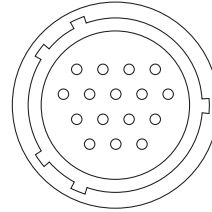
The RMI-d should take around 40 seconds to boot up. Please be patient!

For further information, please refer to the RMI-d User Guide, part number ZM0235.

DIMENSIONS



PIN-OUTS OF DC OUTPUT CONNECTOR



SRC - female

PIN number	DESCRIPTION
1	+48VDC
2	+15VDC
3	-15VDC
4	Analogue Ground
5	+5VDC Analogue
6	+5VDC Digital
7	Digital Ground
8	+5V LED
9	Ground return for pin 8
10	Analogue Ground
11	Power Fail
12	Sync Clock I/P
13	Chassis
14	+8VDC
15	Chassis
16	Ground return for pin 14

DPS-2 User Guide

Part No. ZM0267

Issue 1

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