



PDU-10

ORDERCODE D1908



SHOWELECTRONICS FOR PROFESSIONALS

Congratulations!

You have bought a great, innovative product from DAP Audio.

The DAP Audio PDU-10 brings excitement to any venue. Whether you want simple plug-&-play action or a sophisticated show, this product provides the effect you need.

You can rely on DAP Audio, for more excellent audio products.

We design and manufacture professional audio equipment for the entertainment industry.

New products are being launched regularly. We work hard to keep you, our customer, satisfied.

For more information: iwant@dap-audio.info

You can get some of the best quality, best priced products on the market from DAP Audio.

So next time, turn to DAP Audio for more great audio equipment.

Always get the best -- with DAP Audio !

Thank you!



DAP Audio

DAP Audio PDU-10 Product Guide

Warning	2
Unpacking Instructions.....	2
Safety-instructions.....	3
Operating Determinations.....	3
Return Procedure.....	4
Claims.....	4
Description	5
Features.....	5
Overview Front.....	5
Overview Rear.....	6
Installation	7
Set Up and Operation	7
Changing the fluorescent bulb.....	7
Maintenance	8
Troubleshooting	8
Product Specifications	8

WARNING

**FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY
BEFORE YOUR INITIAL START-UP!**

Unpacking Instructions

Immediately upon receiving this product, carefully unpack the carton and check the contents to ensure that all parts are present, and have been received in good condition. Notify the dealer immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

Your shipment includes:

- DAP PDU-10
- 1x IEC powercable 1,40m
- 8x IEC extension cable 1,80m
- 1x LED snakelight with XLR connector
- User manual

 **CAUTION!** 
Keep this system away from rain and moisture!

SAFETY INSTRUCTIONS

Every person involved with the installation, operation and maintenance of this system has to:

- be qualified
- follow the instructions of this manual

 **CAUTION! Be careful with your operations.** 
**With a dangerous voltage you can suffer
a dangerous electric shock when touching the wires!**

Before you initial start-up, please make sure that there is no damage caused by transportation. Should there be any, consult your dealer and do not use the system.

To maintain perfect condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this manual.

Please consider that damages caused by manual modifications to the system are not subject to warranty.

This system contains no user-serviceable parts. Refer servicing to qualified technicians only.

IMPORTANT:

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the system.

- Never let the power-cord come into contact with other cables! Handle the power-cord and all connections with the mains with particular caution!
- Never remove warning or informative labels from the unit.
- Never use anything to cover the ground contact.
- Never leave any cables lying around.

- Do not insert objects into air vents.
- Do not connect this system to a dimmerpack.
- Do not switch the system on and off in short intervals, as this would reduce the system's life.
- Only use system indoor, avoid contact with water or other liquids.
- Avoid flames and do not put close to flammable liquids or gases.
- Always disconnect power from the mains, when system is not used. Only handle the power-cord by the plug. Never pull out the plug by tugging the power-cord.
- Make sure you don't use the wrong kind of cables or defective cables.
- Make sure that the available voltage is not higher than stated on the rear panel.
- Make sure that the power-cord is never crimped or damaged. Check the system and the power-cord from time to time.
- Avoid flames and do not put close to flammable liquids or gases.
- Before switching on or off make certain the sound system's amplifiers are off or turned down: this will avoid signal peaks, which are annoying and sometimes dangerous (particularly for speaker enclosures).
- Keep this user's manual for future consultation. Also remember that the device will get a better price on the secondhand market if (as well as being in good condition) it has its original documentation and packaging.
- Always operate the unit with the AC ground wire connected to the electrical system ground.
- Do not drive the inputs with a signal level bigger, than required to drive the equipment to full output.
- If system is dropped or struck, disconnect mains power supply immediately. Have a qualified engineer inspect for safety before operating.
- If the system has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your system. Leave the system switched off until it has reached room temperature.
- Repairs, servicing and electric connection must be carried out by a qualified technician.
- For replacement use fuses of same type and rating only.

OPERATING DETERMINATIONS

This system is not designed for permanent operation. Consistent operation breaks will ensure that the system will serve you for a long time without defects.

If this system is operated in any other way, than the one described in this manual, the product may suffer damages and the warranty becomes void.

Any other operation may lead to dangers like short-circuit, burns, electric shock, etc.


You endanger your own safety and the safety of others!

Improper installation can cause serious damage to people and property !

Connection with the mains

Connect the device to the mains with the power-plug.

Always pay attention, that the right color cable is connected to the right place.

International	EU (including UK) From April 2004	North America	Pin
L	Brown	Black	Phase
N	Blue	White	Neutral
	Green/Yellow	Green	Protective Earth

Make sure that the device is always connected properly to earth!

Return Procedure

Returned merchandise must be sent prepaid and in the original packing, call tags will not be issued. Package must be clearly labeled with a Return Authorization Number (RMA number). Products returned without an RMA number will be refused. Highlite will not accept the returned goods or any responsibility. Call Highlite 0031-455667723 or mail aftersales@highlite.nl and request an RMA prior to shipping the fixture. Be prepared to provide the model number, serial number and a brief description of the cause for the return. Be sure to properly pack fixture, any shipping damage resulting from inadequate packaging is the customer's responsibility. Highlite reserves the right to use its own discretion to repair or replace product(s). As a suggestion, proper UPS packing or double-boxing is always a safe method to use.

Note: If you are given an RMA number, please include the following information on a piece of paper inside the box:

- 1) Your name
- 2) Your address
- 3) Your phone number
- 4) A brief description of the symptoms

Claims

The client has the obligation to check the delivered goods immediately upon delivery for any shortcomings and/or visible defects, or perform this check after our announcement that the goods are at their disposal. Damage incurred in shipping is the responsibility of the shipper; therefore the damage must be reported to the carrier upon receipt of merchandise.

It is the customer's responsibility to notify and submit claims with the shipper in the event that a fixture is damaged due to shipping. Transportation damage has to be reported to us within one day after receipt of the delivery.

Any return shipment has to be made post-paid at all times. Return shipments must be accompanied with a letter defining the reason for return shipment. Non-prepaid return shipments will be refused, unless otherwise agreed in writing.

Complaints against us must be made known in writing or by fax within 10 working days after receipt of the invoice. After this period complaints will not be handled anymore.

Complaints will only then be considered if the client has so far complied with all parts of the agreement, regardless of the agreement of which the obligation is resulting.

Description of the device

Features

The DAP PDU-10 is a 19" powerdistributor (240V) and racklight for use in equipment and effect racks.

- 8 IEC outputs that can be turned on or off by means of a switch on the front of the unit.
- Volt and Ampere meter on the front to monitor the mains voltage and current consumption in order to maximise the protection of your equipment.
- Frontpanel resettable 10A circuit breaker.
- Lockable slide out drawer containing a standard 4W fluorescent bulb.
- Rear panel 5Vdc XLR connector for LED snakelight at the rear.

Overview

Front

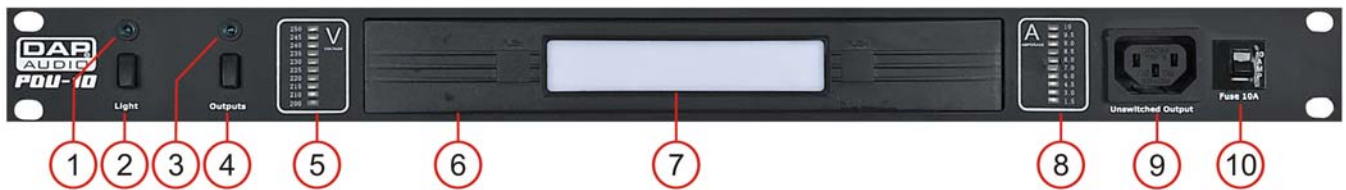


Fig. 1

1) Light indicator

2) Light on switch

Enables you to switch the fluorescent bulb in the slide out drawer on or off. The status is indicated by the **light indicator (1)**.

3) Outputs Indicator

4) Outputs switch

Enables you to switch the power outlets on the rear on or off. The status is indicated by the **Outputs (3)** indicator.

5) Voltage meter

Allows you to monitor the mains voltage.

6) Slide out drawer

The slide out drawer contains a standard 4W fluorescent bulb that can be used to illuminate all gear mounted underneath your PDU-10.

7) Front panel light

Allows you to attach your own logo.

8) Ampere meter

Allows you to monitor the total current draw.

9) Unswitched power output

This outlet is always active whenever the PDU-10 is plugged in, regardless of the status of the **output (4)** switch.

10) Fuse

10A Resettable Circuit Breaker. This circuit breaker will trip when the total current draw from all outlets (back and front) exceeds 10A.

Rear



Fig. 2

11) Lamp switch

Enables you to switch the the power (5Vdc) for the **minilight XLR output (12)** on or off.

12) XLR output for mini-light

Use this output to connect the included LED snakelight.

13) Power input 230V/50Hz

14) Starter for fluorescent tube

When replacing, make sure you use a S2 starter type.

15) IEC switched power outlets

Installation

Remove all packing materials from the PDU-10. Check that all foam and plastic padding is removed. Screw the equipment into a 19" rack. Connect all cables.

Always disconnect from electric mains power supply before cleaning or servicing.
Damages caused by non-observance are not subject to warranty.

Set Up and Operation

Before plugging the unit in, always make sure that the power supply matches the product specification voltage. Do not attempt to operate a 120V specification product on 240V power, or vice versa. Install this device on a flat surface, not bending or curved. Do not supply power before all components of the system are set up and connected properly.

Changing the fluorescent Bulb

The 4 watt fluorescent bulb in your PDU-10 is rated to deliver approximately 3000 hours of operation, so eventually you will have to replace it. The fluorescent bulb is readily available in most hardware stores and electrical supply houses. The type number is F4T5/D 4W and you can replace it yourself.

1. Unplug your PDU-10 and then unplug all other devices connected to the outlets on the PDU-10.
2. Remove the PDU-10 from your rack.
3. Use both fingers to push the two "push" squares on the **slide out drawer(6)**.
4. With the drawer extended, turn the PDU-10 upside down.
5. Remove the four screws as indicated in figure 3 below.



Fig. 3

6. Remove the frontpanel.
7. Slide out the clear plastic lens as shown in figure 4.

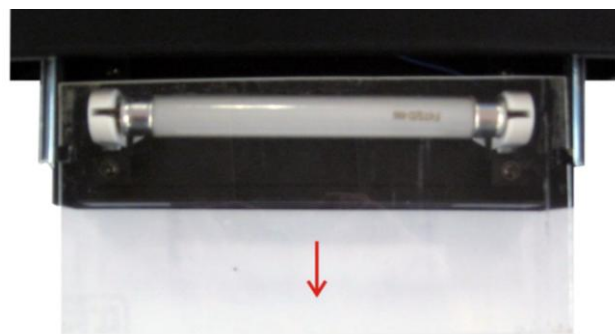


Fig. 4

8. You can easily remove the bulb by giving it a half turn so that its end terminals line up with the holder slots.
9. Insert the new bulb and give it a half turn.
10. Reinsert the clear plastic lens.
11. Install the front on the **slide out drawer(6)**.

Maintenance

The PDU-10 requires almost no maintenance. However, you should keep the unit clean. Disconnect the mains power supply, and then wipe the cover with a damp cloth. Do not immerse in liquid. Keep connections clean. Disconnect electric power, and then wipe the audio connections with a damp cloth. Make sure connections are thoroughly dry before linking equipment or supplying electric power.

Troubleshooting

Dap Audio PDU-10

This troubleshooting guide is meant to help solve simple problems.

If a problem occurs, carry out the steps below in sequence until a solution is found. Once the unit operates properly, do not carry out following steps.

1. If the device does not operate properly, unplug the device.
2. Check the power from the wall, all cables etc.
3. If all of the above appears to be O.K., plug the unit in again.
4. If you are unable to determine the cause of the problem, do not open the device, as this may damage the unit and the warranty will become void.
5. Return the device to your Dap Audio dealer.

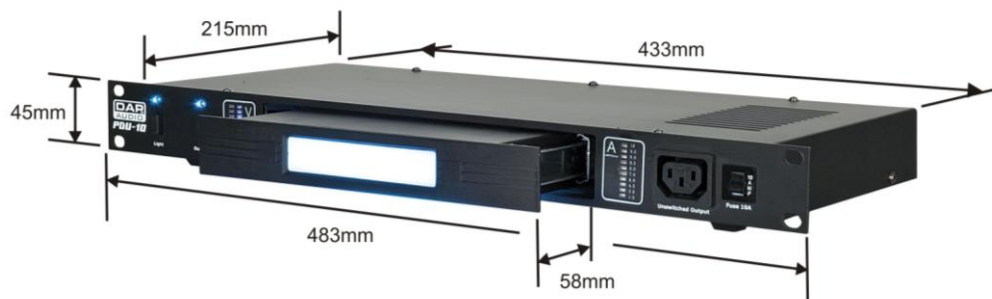
Product Specifications

Model: DAP Audio PDU-10

Mounting: 19" rack mount / 1U

Dimensions : 483 x 215 x 45 mm (LxWxH)

Weight : 3.5 kg



Design and product specifications are subject to change without prior notice.



Website: www.Dap-audio.info

Email: service@highlite.nl



© 2010 Dap Audio.