

LPTP406 – 4-CHANNEL PATCHABLE POWER PACK

1. Introduction & Features



Thank you for buying the LPTP406 ! Please read the manual carefully before bringing this device into service.

This powerful and versatile device features 4 channels with LED indication and a test function per channel.

Make sure that the device was not damaged in transit. If the device is damaged, you should contact your dealer and postpone installation of this device.

2. Safety Instructions



Be very careful during the installation : touching live wires can lead to life-threatening electroshocks.



Do not touch the device during operation as the housing heats up



keep this device away from rain and moisture



unplug the mains lead before opening the housing

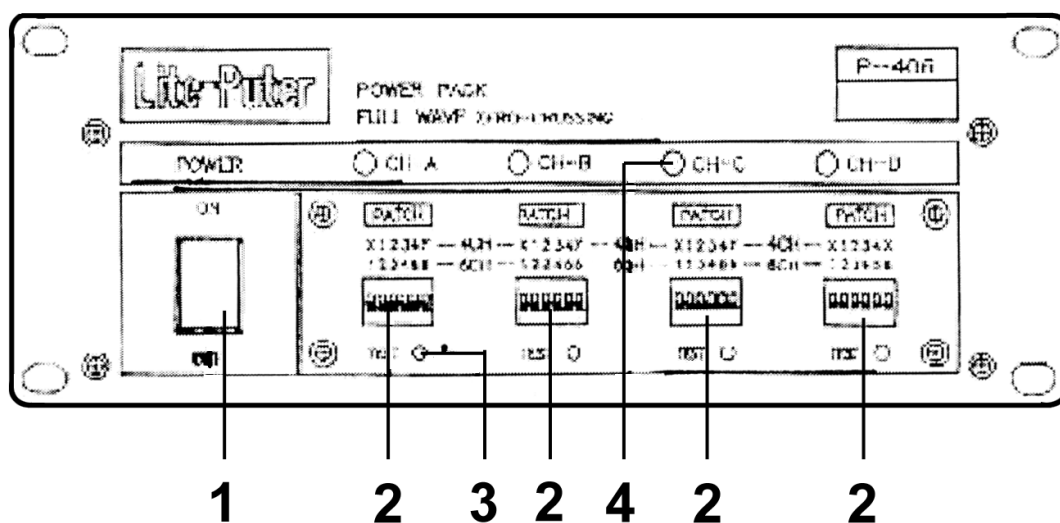
- a qualified technician should install and service this device.
- damages caused by disregarding certain guidelines in this manual are not covered by the warranty and the dealer will not accept responsibility for the ensuing defects or problems.
- do not switch the device on immediately if it has been exposed to changes in temperature. Protect the device against damage by leaving it switched off until it has reached room temperature.
- this device falls under protection class I. It is essential, therefore, that the device be earthed. Have this device installed by a qualified technician.
- make sure that the available voltage does not exceed the voltage stated in the specifications of this manual.
- do not crimp the power cord and protect it against damage from sharp edges. Ask an authorised dealer to replace the cord if necessary.
- always disconnect the device from the mains when it is not in use or when you wish to clean it. Only handle the power cord by the plug. Never pull out the plug by tugging the power cord.
- Do not look directly into the light source. Sensitive people may go into epileptic seizure if they do.
- Be aware that damages caused by user modifications to the device are not covered by the warranty. Keep the device away from children and unauthorised users.

3. General Guidelines

- This device is a lighting controller for professional use on stage, in discos, theatres, etc. This device should only be operated with an alternating current of max. 230Vac/50Hz and is designed for indoor use only.
- Do not shake the device. Avoid brute force when installing or operating the device.
- Select a location where the device will be protected against extreme heat, moisture and dust.
- Do not use or transport the device under temperatures $< 5^{\circ}\text{C}$ or $> 35^{\circ}\text{C}$.
- Familiarise yourself with the functions of the device before actually using it. Do not permit operation by unqualified people. Any damage that may occur, will probably be due to unprofessional use of the device.
- Use the original packaging if the device is to be transported.
- Note that all modifications of the device are forbidden for safety reasons.
- Do not remove the serial number sticker from the device as doing so will void the warranty. Only use the device for its intended purpose. All other uses may lead to short-circuits, burns, electroshocks, lamp explosion, crash, etc. Using the device in an unauthorised way will void the warranty.

4. Description

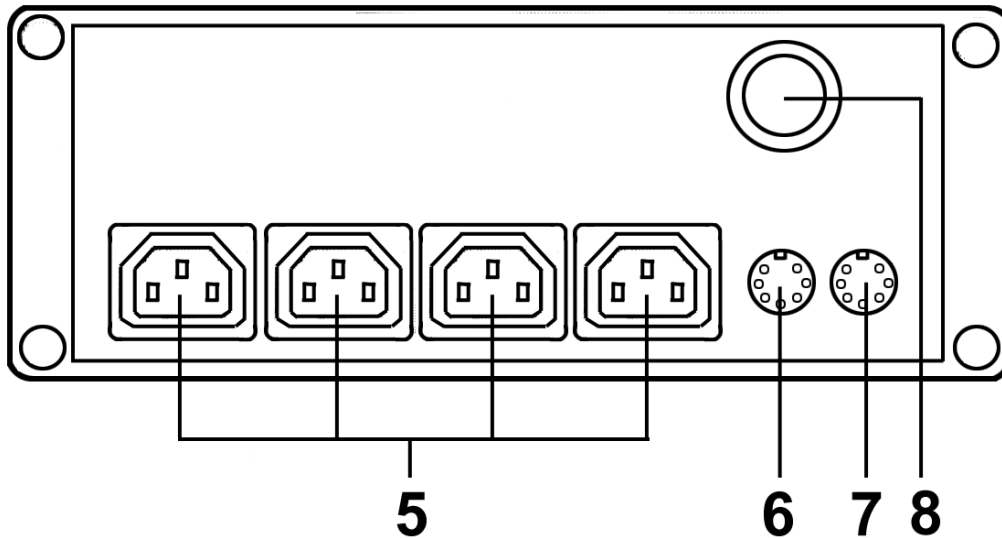
a) Front Panel



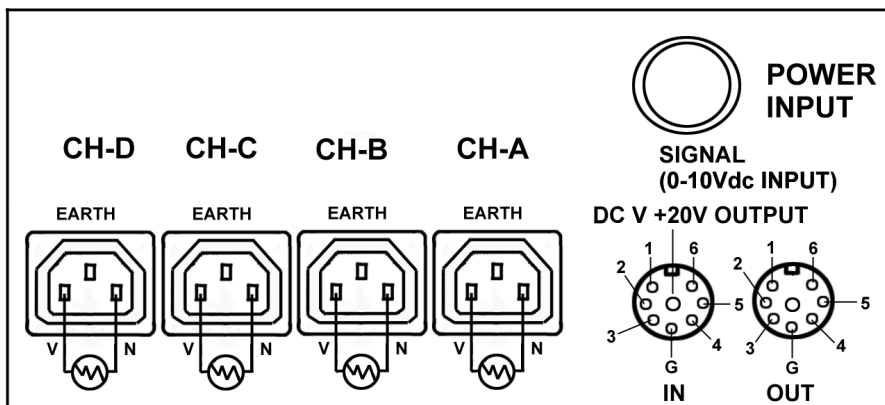
1. Power ON/OFF switch
2. DIP switches : to select 4- or 6-channel input
3. TEST button : test the channels
4. LED indicators

b) Back Panel

5. EEC output sockets
6. Input : for connection to a dimmer console (LPTT1202)
7. Output : for connection to another LPTP406
8. Mains connection



5. Connections



a) Mains Input

The colour coding for the wires inside the cable (3 x 1.5mm²) is as follows :

Brown = positive (L), blue = neutral (N), green/yellow = earth (E).

Make sure the earth connectors are properly connected before you operate the device.

b) Mains Output

The signal output goes through 4 CEE output sockets. A load can be applied to each of these output sockets. The maximum load allowed per channel is 920W (resistive load) or 460W (inductive load). Do not surpass the maximum total current of 16A !

c) Signal Input & Output

These are the contacts in the 8-pin DIN sockets :

PIN 1 :not connected
PIN 2-5 :CH1-CH4
PIN 6 :not connected
PIN 7 :ground
PIN 8 :20Vdc output

6. Operation Instructions

Turn the power on by flicking the power switch in the ON position.
Each channel has an output LED indicating the current status of the channel.

7. Cleaning and Maintenance

1. All screws should be tightened and free of corrosion.
2. The housing, mounting supports and connections should not be modified or tampered with e.g. do not drill extra holes in mounting supports, do not change the location of the connections, ...
3. The electric power supply cables should be undamaged. Have this device installed by a qualified technician.
4. Disconnect the device from the mains before maintenance.
5. Wipe the device regularly with a moist cloth. Do not use alcohol or solvents.
6. There are no user-serviceable parts.

8. Technical Specifications

Power Supply	max. 230Vac/50Hz
Number of Channels	4
Max. total current	16A
Max. resistive load/channel	920W
Max. inductive load/channel	460W
Output connections	4 x EEC socket
Input	8-pin DIN socket 20Vdc
Output	8-pin DIN socket (20Vdc)
Dimensions	240 x 72 x 88mm
Weight	1.3kg

The information in this manual is subject to change without prior notice.