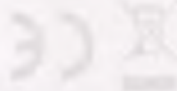




Instructions manual

DP 610

DIMMER PACK 6 x 10 A



Introduction

The pack is a 6 channel DMX power pack, has a channel Dimmer control, preheat, analog input and through and is compatible with any DMX-512 transmitter. We strongly recommend that you take time to read this manual fully before you attempt to use the power pack.

Warning

1. To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.
2. Often memory clearing may cause damage to the memory chip, be careful not to initialize your unit frequently to avoid this risk.
3. Only use the recommended AC/DC power adaptor.
4. Be sure to save the packing carton in case you may ever have to return the unit for service.
5. Do not spill other liquids or water in to or on to your amplifier.
6. Be sure that the local power outlet matches the required voltage for your fixture.
7. Do not attempt to operate this unit if the power cord has been frayed or broken. Please route your power cord out of the way of foot traffic.
8. Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
9. Disconnect from main power before making any type of connection.
10. Do not remove the top cover under any conditions. There are no user serviceable parts inside.
11. Disconnect the unit's main power when left unused for long periods of time.
12. This unit is not intended for home use.
13. Carefully inspect this unit for damage that may have incurred during shipping. If the unit appears to be damaged, do not attempt any operation, please contact your dealer.
14. This unit should be operated by adults only, never allow small children tamper or play with this unit.
15. Never operate this unit under the following conditions:
 1. In places subject to excessive humidity
 2. In places subject to excessive vibration or bumps
 3. In area with a temperature over $45^{\circ}\text{C}/113^{\circ}\text{F}$ or less than $2^{\circ}\text{C}/35.6^{\circ}\text{F}$

Cautions

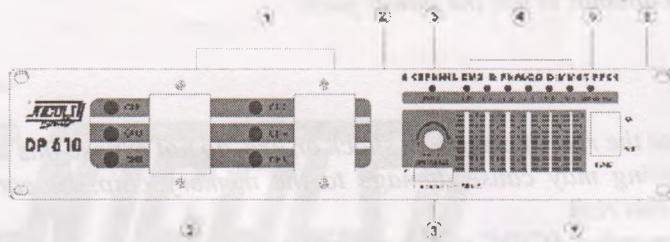
1. There are no user serviceable parts inside this unit.
2. Do not attempt any repairs by yourself; doing so will void your manufacture's warranty.
3. In the unlikely event your unit may require service please contact your nearest dealer.
4. This unit is intended for indoor use only.
5. After having removed the packaging check that the unit is NOT damaged in any way. If in doubt, DON'T use it and contact an authorized dealer.
6. Packaging material (plastic bags, polystyrene foam, nails, ect.) MUST NOT be left within children's reach, as it can be dangerous.
7. STOP using the unit immediately in the event of serious operation problems and either contact your local dealer for a check or contact us directly.
8. DO NOT dismantle or modify the unit.

1. Specifications

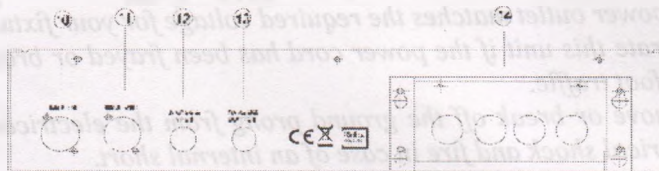
Power input	AC 230v~50Hz,(AC 120V~60Hz)three phase or single phase. Total: 60 ampere.
Power output:	10A per channel,20A per phase.
Analog input and through	0-10V
DMX in & out	3Pin male & female XLR socker.
Dimensions	482X381X89MM(19``X2U)
Weight	7.6 kg.

2. Controls and functions

Front panel



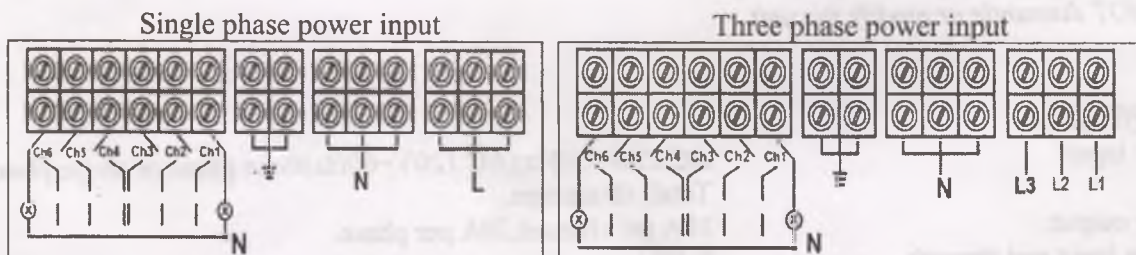
Rear panel



- 1- Hanger automatic breaker 20A.
- 2- Preheat adjuster: maximum is 50 %
- 3- Power on indicator.
- 4- Channel output indicator.
- 5- DMX indicator. Receiving DMX single, the indicator is lighting.
- 6- Power switch.
- 7- Channel dimmer control. This control adjusts the dimming level of corresponding channel.
- 8- DMX address.
- 9- Loading indicator. Power output makes the indicator lighting. If the load is open ,the indicator will be lighting for ever.
- 10- DMX input.
- 11- DMX output (through).
- 12- Analog input (0-10V)
- 13- Analog output (through).
- 14- Load connection box.

3. Operating instructions

- a) Open the cover of the load connection box according to the diagram to connect main power and load.



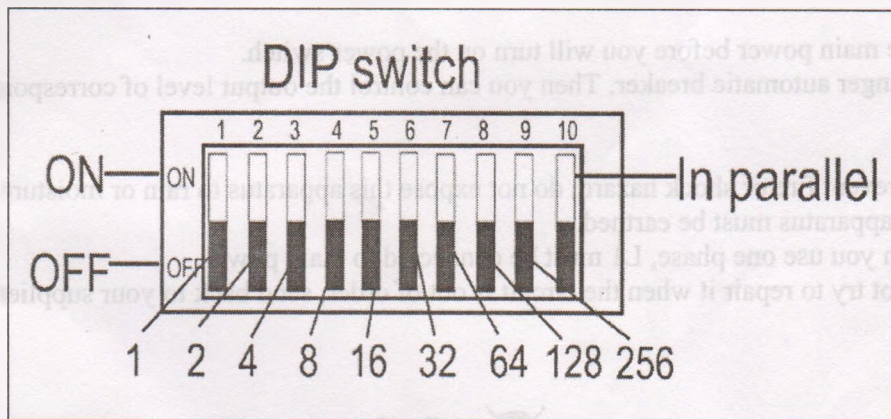
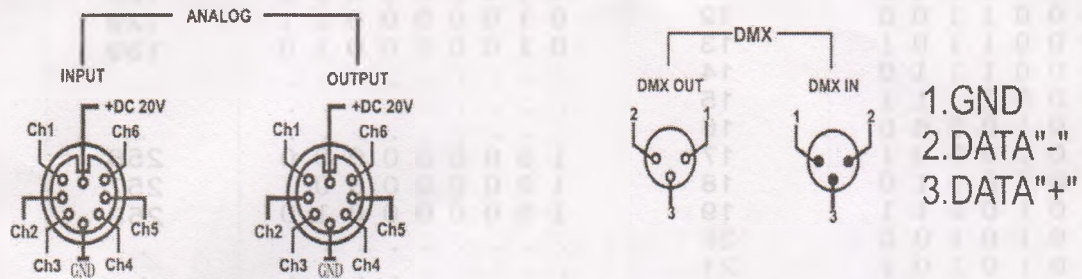
b) You can select control single on the dimmer pack. Which one is strong which one is doing.

Preheat adjuster: only make all output to half of maximum simultaneity.

Channel dimmer control: can make the dimming level stronger or smaller.

Analog input: according to the diagram to connect the controller, the analog input offer a DC power to controller.

DMX input :the dimmer pack can receive DMX-512 single .you can adjust DIP switch to confirm the start address that you want to receive.the 10th switch is a function switch.when it is on you can receive the start address in parallel.



9 8 7 6 5 4 3 2 1	start address	9 8 7 6 5 4 3 2 1	start address
0 0 0 0 0 0 0 0 1	1	0 0 0 1 0 0 0 0 1	33
0 0 0 0 0 0 0 0 1 0	2	. . . . .	.
0 0 0 0 0 0 0 0 1 1	3	. . . . .	.
0 0 0 0 0 0 0 1 0 0	4	. . . . .	.
0 0 0 0 0 0 0 1 0 1	5	0 0 1 0 0 0 0 0 0 0	64
0 0 0 0 0 0 0 1 1 0	6	0 0 1 0 0 0 0 0 0 1	65
0 0 0 0 0 0 0 1 1 1	7	0 0 1 0 0 0 0 0 1 0	66
0 0 0 0 0 0 1 0 0 0	8	. . . . .	.
0 0 0 0 0 0 1 0 0 1	9	. . . . .	.
0 0 0 0 0 0 1 0 1 0	10	. . . . .	.
0 0 0 0 0 0 1 0 1 1	11	0 1 0 0 0 0 0 0 0 0	128
0 0 0 0 0 0 1 1 0 0	12	0 1 0 0 0 0 0 0 0 1	129
0 0 0 0 0 0 1 1 0 1	13	0 1 0 0 0 0 0 0 1 0	130
0 0 0 0 0 0 1 1 1 0	14	. . . . .	.
0 0 0 0 0 0 1 1 1 1	15	. . . . .	.
0 0 0 0 0 1 0 0 0 0	16	. . . . .	.
0 0 0 0 0 1 0 0 0 1	17	1 0 0 0 0 0 0 0 0 0	256
0 0 0 0 0 1 0 0 1 0	18	1 0 0 0 0 0 0 0 0 1	257
0 0 0 0 0 1 0 0 1 1	19	1 0 0 0 0 0 0 0 1 0	258
0 0 0 0 0 1 0 1 0 0	20	. . . . .	.
0 0 0 0 0 1 0 1 0 1	21	. . . . .	.
.
. . . . .	.	1 1 1 1 1 1 1 1 0	510
0 0 0 1 0 0 0 0 0	32	1 1 1 1 1 1 1 1 1	511

You must check the main power before you will turn on the power switch.
Then turn on the hanger automatic breaker. Then you can control the output level of corresponding channel.

WARNING :

1. To prevent fire or shock hazard, do not expose this apparatus to rain or moisture.
2. This apparatus must be earthed.
3. When you use one phase, L1 must be connected to main power.
4. Do not try to repair it when the circuit is out of order, send back to your supplier for repairing.

