

# 6CH DMX DIMMER PACK



Congratulation on purchasing your new dimmer pack. The pack is a 6 channel DMX Power pack, has channel dimmer control, preheat, analog input and through and is compatible with any DMX-512 transmitter. The special is that three phase power input. We strongly recommend that you take time to read this manual fully before you attempt to use the power pack.

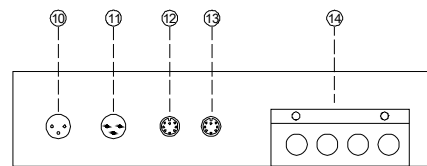
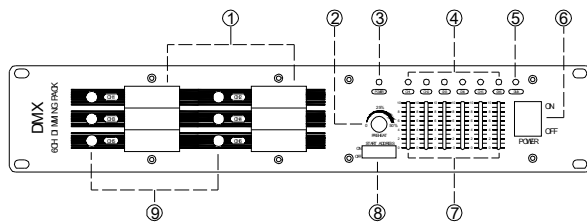
## 1, specifications

Power input.....	AC 230V-50HZ(AC 120V-60HZ) three phase or signal phase
	total 120 ampere(china)or 60 ampere(ce)
Power output .....	china: 20A per channel, 40A per channel
	ce: 10A per channel, 20A per phase
Analog input and through.....	0-10V
DMX in & out .....	3 pin male & female XLR socket
Dimensions.....	482x381x89mm(19"x2U)
Weight.....	8.38kgs

## 2, Controls & functions

Front panel

Real panel



- ①.....Hanger automatic breaker 20A
- ②.....prehead adjuster maximum is 50 percent
- 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 make the indicator lighting if the load is open, the indicator will be lighting forever.

⑩.....DMX output(through)

(11).....DMX input

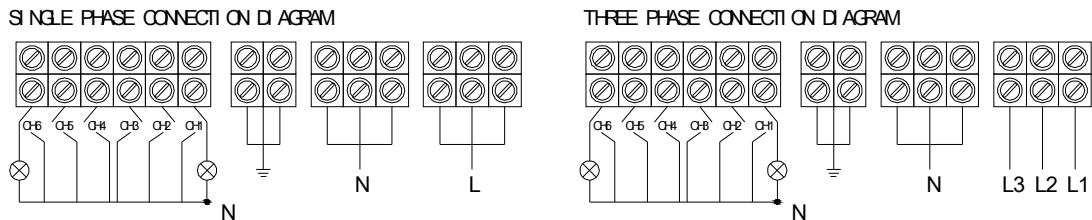
(12).....analog output (through)

(13).....analog input (0-10v)

(14)..... Load connection box

### 3, Operating instructions:

① Open the cover of the load connection box, according to the diagram to connect main power and load.



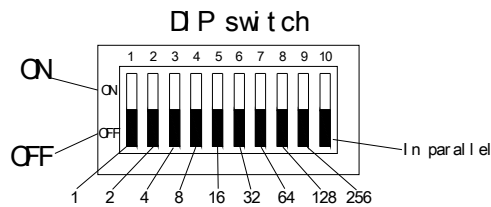
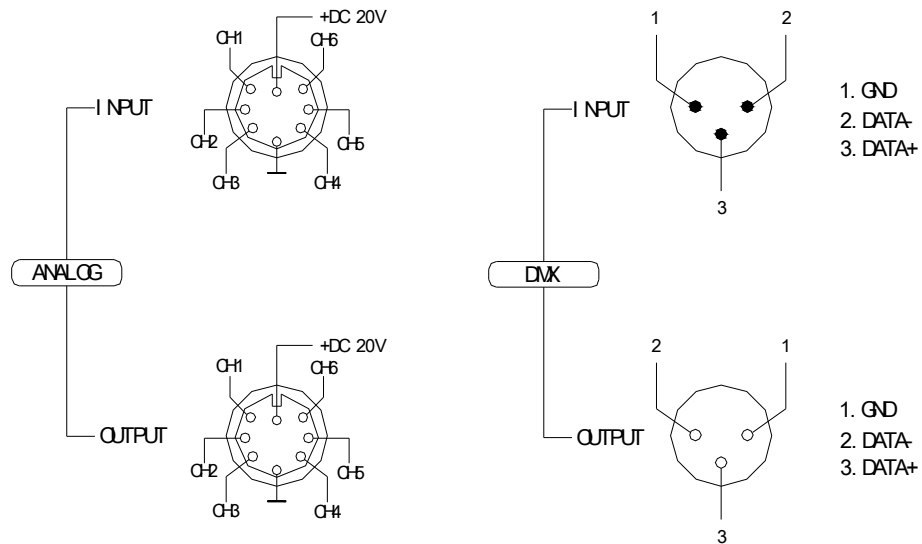
② You can select control single on the dimmer pack. Which one is strong which one is doing.

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 10<sup>th</sup> switch is a function switch. When it is on you can receive the start address in parallel.



③ 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

9 8 7 6 5 4 3 2 1	origination address	9 8 7 6 5 4 3 2 1	origination 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 1 0	2	.....	..
0 0 0 0 0 0 0 1 1	3	.....	..
0 0 0 0 0 0 1 0 0	4	.....	..
0 0 0 0 0 0 1 0 1	5	0 0 1 0 0 0 0 0 0	64
0 0 0 0 0 0 1 1 0	6	0 0 1 0 0 0 0 0 1	65
0 0 0 0 0 0 1 1 1	7	0 0 1 0 0 0 0 1 0	66
0 0 0 0 0 1 0 0 0	8	.....	..
0 0 0 0 0 1 0 0 1	9	.....	..
0 0 0 0 0 1 0 1 0	10	.....	..
0 0 0 0 0 1 0 1 1	11	0 1 0 0 0 0 0 0 0	128
0 0 0 0 0 1 1 0 0	12	0 1 0 0 0 0 0 0 1	129
0 0 0 0 0 1 1 0 1	13	0 1 0 0 0 0 0 1 0	130
0 0 0 0 0 1 1 1 0	14	.....	..

000001111	15	.....	..
000010000	16	.....	..
000010001	17	100000000	256
000010010	18	100000001	257
000010011	19	100000010	258
000010100	20	.....	..
000010101	21	.....	..
.....	..	.....	..
.....	..	111111110	511
000100000	32	111111111	512

④WARNING:

- a, TO REVENT FIRE OF SHOCK HAZARD, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.
- b, THIS APPRARATUS MUST BE EARTHED.
- c, WHEN YOU SUE ONE PHASE, L1 MUST BE CONNECTED TO MAIN POWER.
- d, DO NOT TRY TO REPAIR IT WHEN THE CIRCUIT IS OUT OF ORDER, SEND BACK TO YOU SUPPLIER FOR REPAIRING.