



DPX-620 OPERATION MANUAL

GENERAL

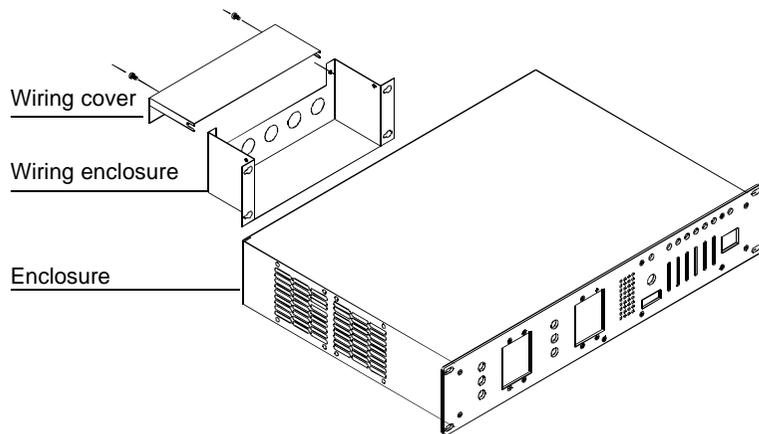
This model is a 6 channel dimmer pack, has a variety of functions, including DMX, ANALOG and MANUAL control modes, Dimming, Preheat control, overheat and overload protection, and DMX 512 address allowing to simultaneously control 6 channel output.

TECHNICAL SPECIFICATIONS

1. Power input: 3-phase or single phase input
AC 230V~50-60Hz(CE)
AC 220V~50-60Hz(CHINA)
2. Power output: 10A per channel max. Total 60A max.(CE)
20A per channel max., Total 120A max.(CHINA)
3. Fuse : 20A circuit breaker
4. Dimensions: 482x370x85mm
5. Weight:7.1Kg

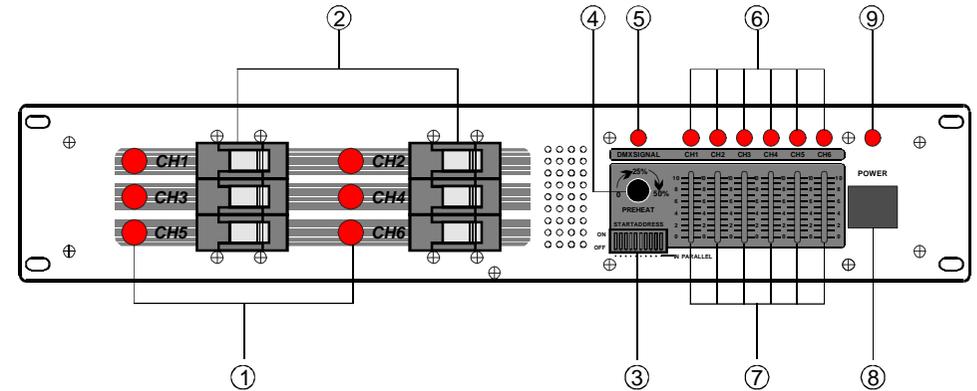
PRECAUTIONS BEFORE INSTALLING

- 1.Fitting construction of this unit is as follows:



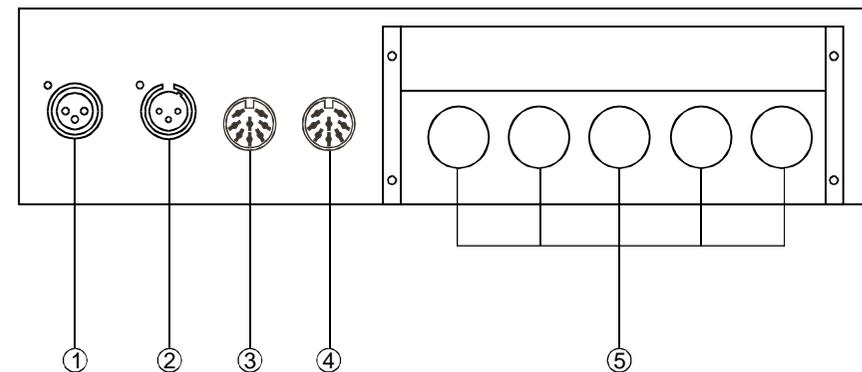
- 2.Remove wiring cover, connect wires in accordance with this manual or screen print on the top cover.

CONTROLS AND FUNCTIONS FRONT PANEL



1. Channel indicator (x6)
These indicators are turned on without connecting load, they are turned off when load is connected.
2. Circuit breaker (x6)
This circuit breaker will cut off power supply automatically when load current exceeds 20A
3. Dip switch
These switches are set to select initial channel setting mode.
4. PREHEAT control
This control adjust the initial lighting point.
5. DMX indicator
6. Channel dimmer indicator (x6)
7. Channel dimmer control (x6)
These controls adjust appropriate channel dimmer level.
8. Power switch
9. Power indicator

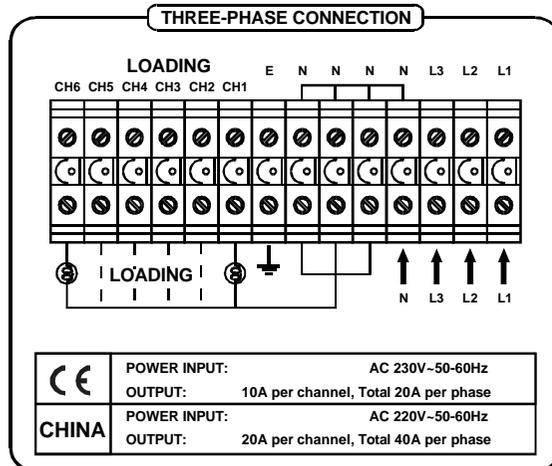
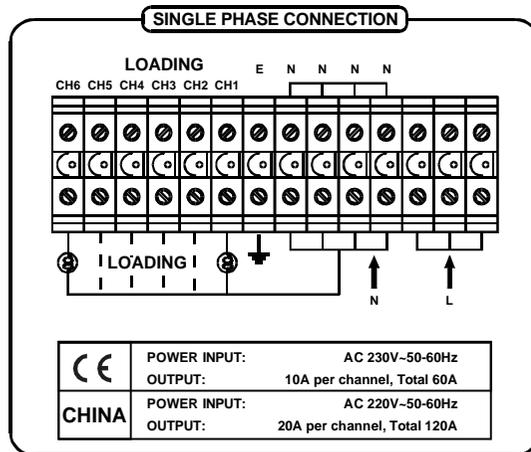
REAR PANEL



- DMX output socket
Use to connect to DMX input socket of next unit for parallel control.
- DMX input socket
Use to connect to DMX input signals.
- ANALOG output (8-pin din socket)
- ANALOG input (8-pin din socket)
- Output wiring port (x5)
Use to connect to 6 channel output, 10A per channel max., Total 60A max. (CE)
20A per channel max., Total 120A max. (CHINA)

OPERATION

- Please confirm power requirement is matched with that specified on this unit
- Set up correct wire connections. (see connections diagram).



- Apply to required control signals.
- Check for proper wire connections, turn power switch on.
- Allow the system to connect available control signals at a time, the prevailing one should control channel output. If PREHEAT control is set to maximum, channel dimmer level should be 50 percent of setting maximum dimmer.
- Receive DMX signals
.Primarily, select initial channel to apply to DMX signals.
.Set dipswitch 10 to ON, the system should receive only the first channel DMX signals which synchronously control 6 channel output.
.Set dipswitch 10 to OFF, the system should receive 6 channel DMX signals and control 6 channel output in sequence, how DMX indicator should turn on.
- Appropriate initial channel DMX setting mode is referred to following table:

1	2	3	4	5	6	7	8	9	Initial channel
0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	1
0	1	0	0	0	0	0	0	0	2
1	1	0	0	0	0	0	0	0	3
0	0	1	0	0	0	0	0	0	4
.
.
.
1	1	1	1	1	1	1	1	0	255
0	0	0	0	0	0	0	0	1	256
1	0	0	0	0	0	0	0	1	257
.
.
1	1	1	1	1	1	1	1	1	511

- Turn the power switch off, adjust channel program setting, and then turn the power on.
- Receive 0-10V power level signals.
This unit transmit received level signals to ANALOG output, output supply is +20V DC 600mA max.

WARNING:

- This apparatus must be earthed
- To prevent fire or electric shock hazard, do not expose this apparatus to rain or moisture.
- In case circuit breaker is cut off automatically, check corresponding channel to find whether there is any malfunction.
- To assure ventilation, do not block or stack goods near to openings.
- Wait for at least 3 seconds to turn on your unit after you have turned off your unit.

