

DP-3A

72CH. DMX DECODER

【USER MANUAL】

INTRODUCTION:

DP-3A is a DMX / Analog decoder. This new updated version is ideal and reliable for stage performance. It decodes the signals from DMX to Analog. This way, the user can use a DMX console with Analog power packs.

SPECIFICATIONS:

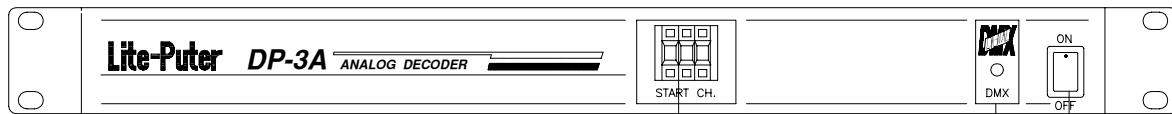
- AC Power input : 100-240V AC. (see specification label on machine.)
- Analog output : 0-10V DC.
- 72ch. Output. (analog dc 0-10v)
- 5 pin XLR connector for DMX-512.
- 25 pin d type connector for analog output.
- Dimension : 482 x 44 x 240 mm (W.H.D.)
- Weight : kg.

OPERATION:

- Connect 5 pin XLR connector cable from your DMX console to the input connector socket of the DP-3A.
- Connect a 25 pin signal cable from the appropriate 25 pin D-TYPE connector on the DP-3A to the appropriate power pack.
- A distributor cable is required if the power pack is less than 24 channels, or more than 1 power pack is used to connect with the 24 channel signal cable.
- If more than one DP-3A is required (when more than 72 channels are used), connect a 5 pin XLR connector cable from "out" (thru) connector mount to the next DP-3A's "in" connector mount.
- Select the appropriate start up number on the switch for that particular DP-3A. The start up number will be same DMX channel number first used for that particular DP-3A.
See examples below.

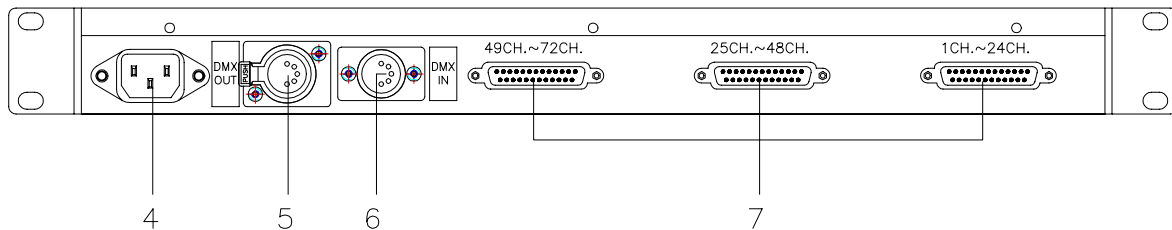
- START UP NUMBER..... DMX CHANNEL
- 001 CH 1. – CH 72.
- 010 CH 10. – CH 81.
- 440 CH 440. – CH 512.

FRONT PANEL:



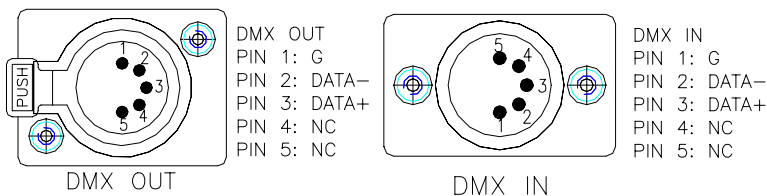
- 1) POWER SWITCH
- 2) DMX INDICATOR
- 3) START CHANNEL SELECT SWITCH.

REAR PANEL:



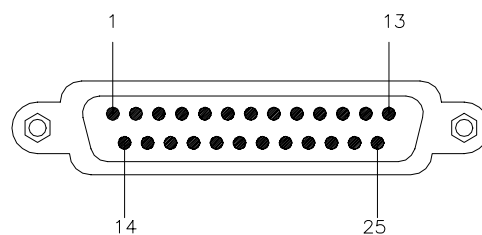
- 4) POWER INPUT : 100V - 240V AC.
- 5) XLR 5-PIN "DMX OUTPUT" CONNECTOR .
- 6) XLR 5-PIN "DMX INPUT" CONNECTOR .
- 7) D TYPE 25 PIN CONNECTOR. (24CH.)

DMX 5PIN CONNECTOR:



D-TYPE CONNECTOR -A (1- 24CH) :

- PIN-01 : CH-01 OUTPUT
- PIN-02 : CH-02 OUTPUT
- PIN-03 : CH-03 OUTPUT
- PIN-04 : CH-04 OUTPUT
- PIN-05 : CH-05 OUTPUT
- .
- .
- PIN-24 : CH-24 OUTPUT
- PIN-25 : GND



PIN-01 : CH-25 OUTPUT
PIN-02 : CH-26 OUTPUT
PIN-03 : CH-27 OUTPUT
PIN-04 : CH-28 OUTPUT
PIN-05 : CH-29 OUTPUT
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PIN-24 : CH-48 OUTPUT
PIN-25 : GND

PIN-01 : CH-49 OUTPUT
PIN-02 : CH-50 OUTPUT
PIN-03 : CH-51 OUTPUT
PIN-04 : CH-52 OUTPUT
PIN-05 : CH-53 OUTPUT
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PIN-24 : CH-72 OUTPUT
PIN-25 : GND

The diagram illustrates a DMX console system. On the left, a box labeled "DMX CONSOLE" is connected to the "IN" port of the first "DP-3" unit. The output of the first "DP-3" unit is connected to the "IN" port of the second "DP-3" unit. The output of the second "DP-3" unit is labeled "THRU" and has an arrow pointing to the right. Below each "DP-3" unit, there are three "POWER PACK" boxes. The "DP-3" units are connected to the "POWER PACK" boxes via a series of lines, indicating a daisy-chain or parallel connection for power distribution.

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