Eliminator®
LIGHTING

ED15

4 Channel Dimmer Pack

OUTPUT : 5A/CH , TOTAL 15A MAX.

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ED15
4 Channel Dimmer Pack

Dipswitch11:
Channel1- 2 ON(Dimmer) / OFF(Switch)
Dipswitch12:
Channel3- 4 ON(Dimmer) / OFF(Switch)

AUTO MODE
(Dipswitch9=ON, Dipswitch10=OFF):
Dipswitch#(1) (2) (3) (4) (5) (6) (7) (8) (9) (10)

On
Off

Value   Speed   Program   Single(↑) Of Loop(↓)

AUDIO MODE
(Dipswitch9=OFF, Dipswitch10=OFF):
Dipswitch# (1) (2) (3) (4) (5) (6) (7) (8) (9) (10)

On
Off

Value   Program   Single(↑) Of Loop(↓)

1   2   3   4

DMX Address Setting   D/S

Power Indicator

DMX Indicator

ON
OFF

SLAVE MODE
(Dipswitch10=ON):

AUDIO SENSITIVITY

Min   Max

CAUTION!

Risk of Electric Shock
DO NOT OPEN
N'ouvrez pas..risque de choc électrique
Warning : This unit must be grounded

1 : Ground
2 : Data -
3 : Data +

1. DC +15V 500mA   5. Ground
2. NC   6. Channel 3
3. Channel 1   7. Channel 4
4. Channel 2   8. NC

Analog input: DC 0-10V
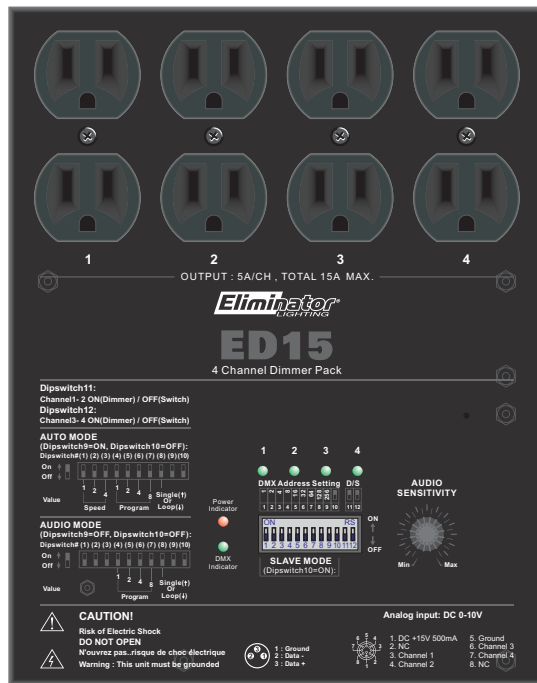
USER'S MANUAL

Features

Thank you for your purchase of this product by Eliminator.
This **ED15** unit features include:

- 4 channel professional digital dimmer pack, dual Edison sockets per channel.
- 16 built-in programs, single/loop programming available.
- SLAVE, AUTO and AUDIO function mode available.
- DMX & Analog Input/Output connector.
- All four channels are user assignable between Dimmer and Switch modes.
- Ropelight connection provided.
- Audio sensitivity adjusting knob.
- DMX address setting available.
- "on" / "off" power switch with power indicator.
- LED-indicators for 1-4 Channels.
- Four 6A fuses for overloading protection, 250V 5x20mm.

Every effort has been made to design dependability, reliability and comfort into each unit. New products are being designed constantly to meet the needs of both entertainment and the lighting industry. We welcome your comments about our product and services.

It is both a privilege and a pleasure serving you.

General Instructions

This is a compact 4-channel dimmer pack with some useful functions. To optimize the performance of this product, please read this manual carefully to familiarize yourself with the basic operations. This manual contains important information for user, please keep it well for future reference.

⚠ Warnings

- This unit must be earthed.
- Do not make any inflammable liquids, water or metal objects enter the unit.
- There are no user serviceable parts inside.
- Do not attempt to dismantle or modify the unit.
- Any strong shocks or vibration may result in malfunction.
- Repairs must be done by authorized personnel.
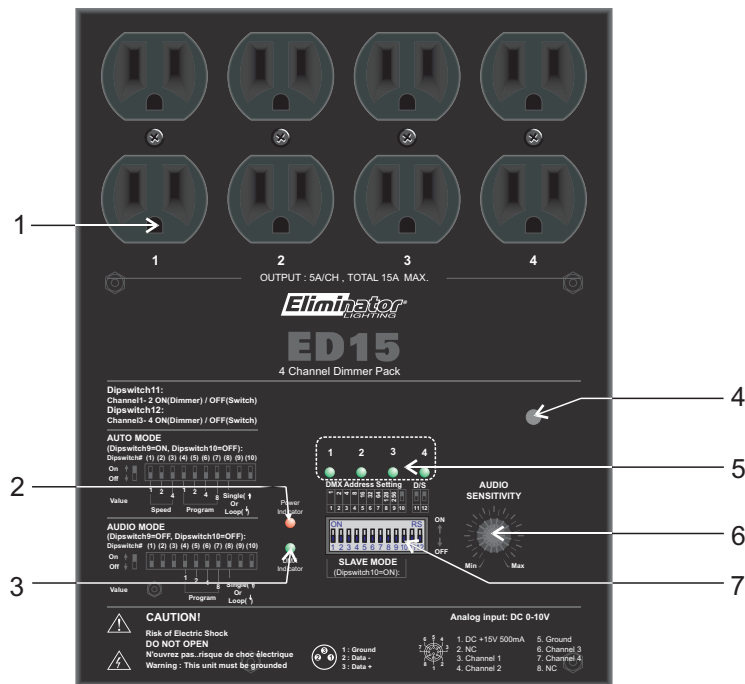- This unit must be operated by adults, do not allow children to play with it.

⚠ Cautions

- When unpacking, please check the unit is not damaged. Should something wrong happen to this product, contact the local dealer immediately.

- All rights reserved. No part of the manual included with this product may be reproduced, transmitted, transcribed or translated into any language in any form, by any means, without authorized permission.

> **Notice:**
> Specifications and improvements in the design of this product and the manual are subject to change without any prior notice.

Control and Functions

1. Front View

1. Output:

There are 4 dual Edison sockets for channel output. Up to 5amps can be connected to each channel.

2. Power indicator:

When this unit is powered on, this LED-indicator will be lit.

3. DMX indicator:

When there is any DMX signal input, this LED-indicator will be lit.

4. Mic:

With a built-in microphone inside this hole.

5. Channel indicators 1-4:

To indicate the input of 1-4 channels respectively.
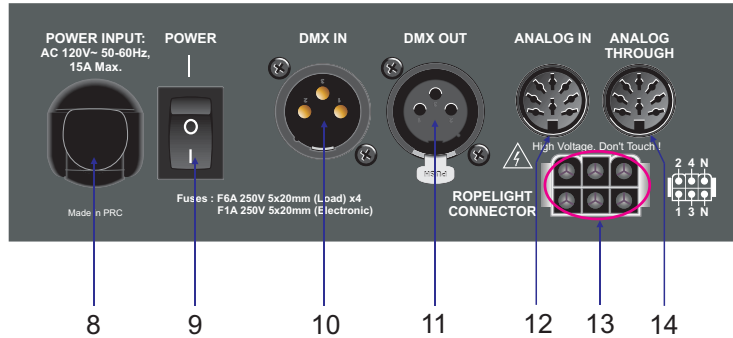
6. Audio sensitivity adjusting knob:

To adjust the audio sensitivity level as user's desire.

7. Dip-switches 1-12:

To select desired function mode or set relevant parameters by using these dip-switches (see the operation guide for details).

Control and Functions

2. Side View

8. Power input:

AC 120V~ 50-60Hz, 15A Max.

9. Power switch:

To turn on or turn off the main power.

10. DMX IN:

To input DMX signal via this connector.

11. DMX OUT:

To output DMX signal via this connector.

12. Analog In:

To input analog signal via this connector.

13. Analog Through:

To send out analog signal through this connector.

14. Ropelight connector:

Used to connect with the rope lights.
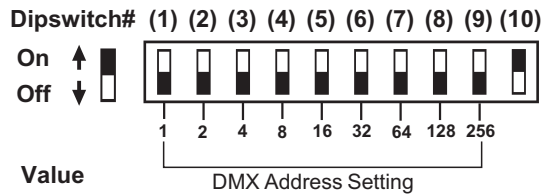
Operation Guide

1. Dimmer/Switch Mode(dip-switch 11/12=ON)

Push the dip-switch11 to the "ON" position to make the unit into Dimmer Mode
for Channel1~2, the "OFF" position into Switch Mode.(Dimmer=Dimming Enable,
Switch=Dimming Disable). And push the dip-switch12 to the "ON" position to make
the unit into Dimmer Mode for Channel 3~4, the "OFF" position into Switch Mode.

Dipswitch# **(11) (12)**

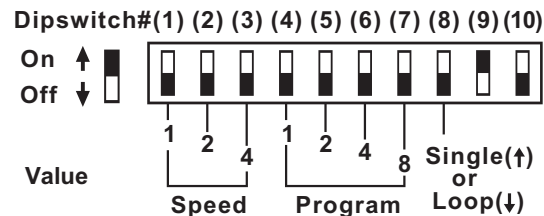On

Off

D=Dimmer Mode
S=Switch Mode

2. Slave Mode (dip-switch10=ON)

Push the dip-switch10 to the "ON" position to make the unit into **Slave** mode.

Dipswitch# **(1) (2) (3) (4) (5) (6) (7) (8) (9) (10)**

On

Off

1 2 4 8 16 32 64 128 256

Value   DMX Address Setting

As the above illustration shows, user can use dip-switches1-9 to set relevant
DMX address. When having finished your setting, add up all the values of the
ON-switched dip-switches, the added value is the current DMX address.
For example: If you push dip-swich1, dip-swich3 and dip-swich5 to their "ON"
positions, the current DMX address level is 21(1+4+16).

3. Auto Mode (dip-switch9=ON & dip-switch10=OFF)

Push the dip-switch10 to the "OFF" position and push the dip-switch9 to the "ON"
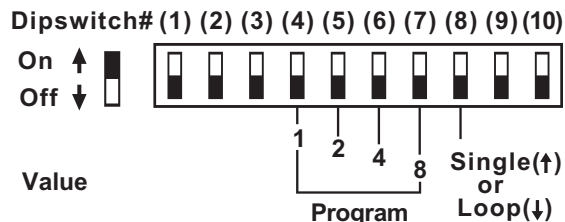position to make the unit into **Auto** mode.

Dipswitch#(1) (2) (3) (4) (5) (6) (7) (8) (9)(10)

On

Off

1 2 4   1 2 4 8   **Single(↑)**
                            or
Value   **Loop(↓)**

Speed   **Program**

Operation Guide

3. Auto Mode (dip-switch9=ON & dip-switch10=OFF)

As the above illustration shows, in **Auto** mode, dip-switch9 is "on", and dip-switch10 is "off". Dip-switches1-3 are used to select the **Speed** level, Dip-switches4-7 are used to select the **Program,** Dip-switch8 is used to select **Single** programming or **Loop** programming (16 programs in a loop).

4. Audio Mode (dip-switch9=OFF & dip-switch10=OFF)

Push dip-switch9 and dip-switch10 to the "OFF" position to make the unit into **Audio** mode.

Dipswitch# (1) (2) (3) (4) (5) (6) (7) (8) (9) (10)

On ↑
Off ↓

1 2 4 8   Single(↑)
                 or
Value   Loop(↓)

Program

As the above illustration shows, dip-switch9 and dip-switch10 are switched to the "off" position in **Audio** mode. Chasing speed is controlled by the bass music effect, Dip-switches4-7 are used to select the **Program**, Dip-switch8 is used to select the **Single** programming or **Loop** programming (16 programs in a loop).

5. Notice Information

- When in link, only one ED15 unit can work in the Auto mode or Audio mode, the other connected units in link must be operated in the Slave mode.
- Other types of DMX receiver should not be connected into the linked ED15 units, or something wrong will occur to the connected DMX receiver.
- When each linked ED15 unit has received the linking signal or the DMX signal, the corresponding LED-indicator will blink in time. When the signal go out, the corresponding LED-indicator will go out subsequently.
- This unit has been designed to be hung. It is recommended that, for safety purpose, the unit should be properly mounted using a suitable hanging clamp and safety cable.
- The printings on the front panel of the unit give user important information for reference.

Technical Specifications

Power Input ....AC 120V~50-60Hz, 15A max.

Channel Output .... 5A/CH., Total 15A max.

Fuse (loading) ....F6A 250V 5x20mm(x4)

Fuse (electronic) F1A 250V 5x20mm

Dimensions 261x173x62mm

Weight(approx.) ....1.7 kg

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