

## Technical Specifications

Power	AC 120V 60Hz	AC 230V 50/60Hz
Fuse	20mm Glass 6.3A Fast Blow	20mm Glass 5A Fast Blow
Lamps	1 x 24V 250W Part No. ELC3 24V 250W (300 Hrs)	
Dimension	500mm x 200mm x 155mm / 19.69in x 7.87in x 6.1in	
Weight	10 kg / 22 lbs	



**INTIMIDATOR**  
**CH-605**

**INSIGNIA**  
**CH-610**

# User Guide

*Please read these instructions carefully before use*

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[www.ChauvetLighting.com](http://www.ChauvetLighting.com)

User Information (Please complete for your records)

Data Purchased :            /            /            Serial No. :

Dealer Stamp : Model : CH-605 INTIMIDATOR  
CH-610 INSIGNIA

## **E. FIXTURE CLEANING**

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surroundings can cause greater accumulation of dirt on the unit's optics.

- Clean with a soft cloth using normal glass cleaning products.
- Always dry the parts carefully.
- Clean the external optics at least once every 20 days. Clean the internal optics at least every 30/60 days.

## **INDEX**

### **A. GENERAL INSTRUCTIONS**

### **B. MAIN FEATURES**

### **C. LAMP**

### **D. HOW TO CONTROL THE UNIT**

- (1) By universal DMX controller
- (2) Preprogrammed function
- (3) By easy controller

### **E. FIXTURE CLEANING**

For further requirements, contact the nearest CHAUVET office. .

## **(2) Preprogram functions**

The unit can be linked together as master/slave in daisy chain in linkage as many units as required and run by built in preprogrammed chase sequences automatically or by sound activation.

When linking the INSIGNIA (CH-610) and the INTIMIDATOR (CH-605) in stand alone mode, the INSIGNIA must be used as the master head.

### **Not need to set the dipswitches in master/slave mode.**

\* 2-light show

Dipswitch 10 “off” means the unit works normally and “on” means inversion. In order to creating a great light show, you can set dip switch 10 “on” on any unit that is linking to the master unit to get contrast movement to each other, even if you have two units only. Dipswitch 10 on the first unit is no use in the DMX linking, as it is the master unit that operates the light show.

## **(3) By easy controller**

The easy remote control is used only in master/slave mode. By connecting to the 1/4” microphone jack of the first unit, you will find that the remote control on the first unit will control all the other units for Stand by, Strobe/Next and Fast/Slow function.

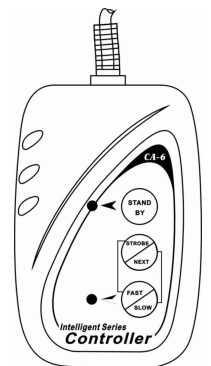
**1) STAND BY :** To blackout all the unit.

**2) STROBE/NEXT :** Under FAST mode, the light will strobe in three different ways:

- a.) Strobe in different gobos and colors.
- b.) Synchronous strobe in white color.
- c.) Two-light strobe in white color.

If the unit in slow mode, press NEXT button to choose desired color and gobo. It will change ten colors and then change one gobo.

**3) FAST/SLOW :** When the LED is off, it is in FAST mode. The unit's movement- Pan/Tilt & Gobo/Color is sound activated. If the LED on, it is in SLOW mode, Pan/Tilt is sound activated but Gobo/Color wheel are static, controlled by Next button.





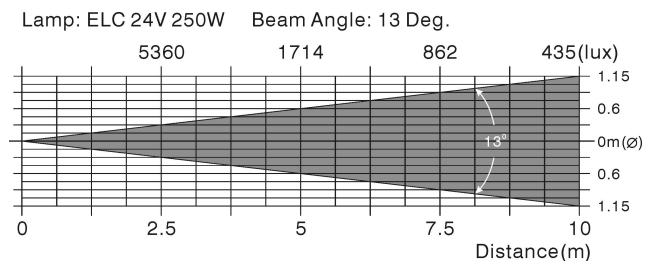
## B. MAIN FEATURES

- Voltage : AC 120V~60Hz or 230V~50/60 Hz
- Bulb : ELC3 24V 250W
- The unit is a DMX512 scanner. It features full DMX512 control, 14 gobos plus open and 11 colors plus white, accurate focusable optics system and stepper motor with blackout feature. Fan cooled.
- It can be operated by DMX512 control or can be used as an individual unit without a control.
- It can be linked together in master/slave combination units, as many as required in 4 channels and run by built-in preprogrammed chase sequences automatically or by sound activation through an internal microphone to create an intelligent effect.
- Please use a 3 pin XLR cable/plug when connecting them together.
- It features different preprogrammed chase patterns.
- Dimensions : 500mm x 200mm x 155 mm / 19.69 in x 7.87 in x 6.1 in
- Weight : 10 kg / 22 lbs

## C. LAMP

### ELC3 24V 250W (300 Hrs)

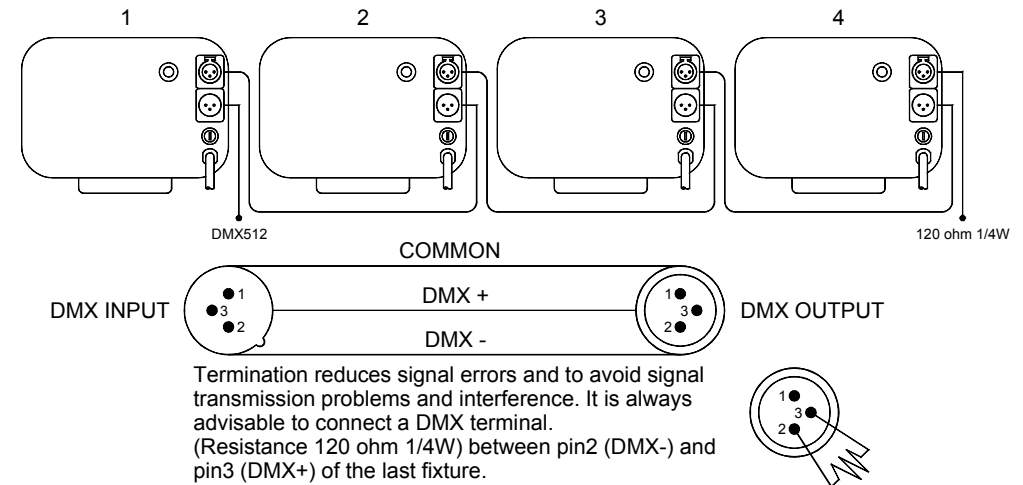
- Always switch off the mains supply and never handle the lamp or luminaire when it is hot.
- Do not touch the bulb with bare hands. If this does happen, clean the lamp with denatured alcohol and wipe with a lint free cloth before installing.



## D. HOW TO CONTROL THE UNIT

### (1) By universal DMX controller

The DMX512 is widely used in intelligent lighting control, with a maximum of 512 channels.



- A DMX512 system requires a controller, lighting equipment and cable. These are connected together in a “daisy chain” with the terminator at the end. The cable cannot be branched or split to a “Y” cable.
  - The terminator requires a 90-120 Ohm 1/4 Watt resistor soldered between two signal cables.
  - The DMX512 uses a very high-speed signal. Inadequate or damaged cables, bad solder joints or corroded connectors can easily distort the signal and shut down the system. A reliable DMX512 system starts with good quality cables.
  - Each lighting unit needs to have an address set to receive the data sent by the controller. The address number is between 0-511. The end of the DMX512 system should be terminated reducing signal errors.
  - 3 pin XLR connectors are more popular than 5 pin XLR.
- 3 pin XLR: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)
- 5 pin XLR: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)