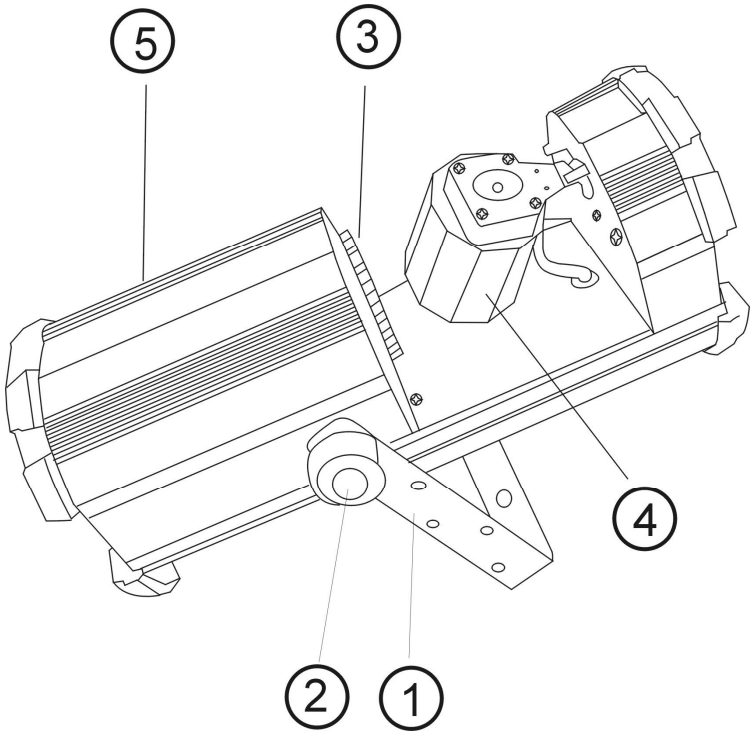
INVOLIGHT

# LED Barrel Scan Light

## LD200

## USER MANUAL

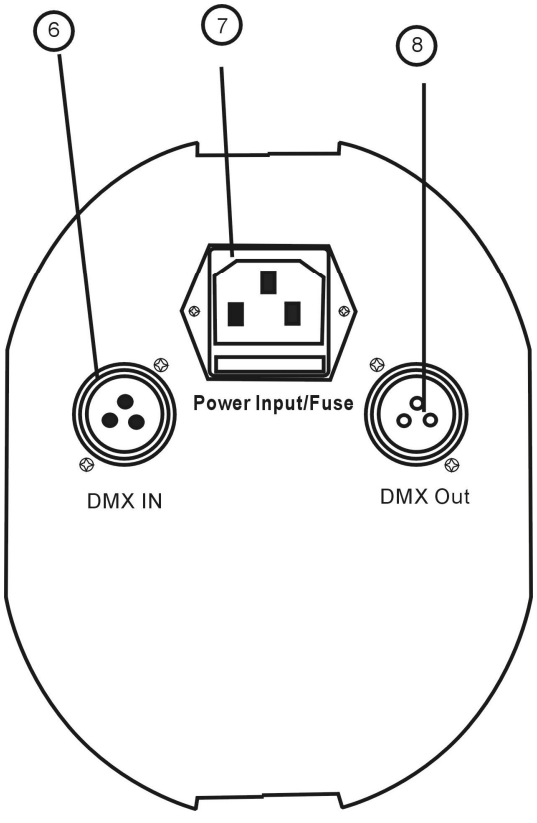
# LED Barrel Scan Light manual




① Mounting bracket
② Fixation screw
③ Focus
④ Mirror
⑤ Housing cover

## Features

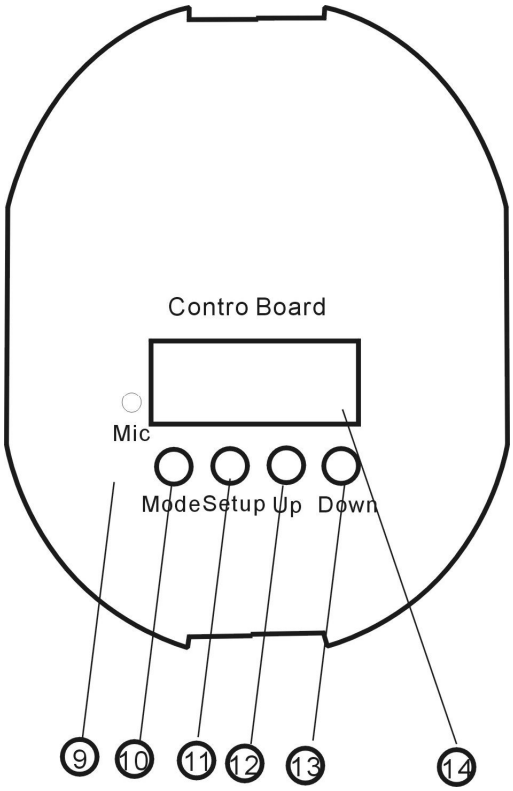
Voltage:AC110/230V 50/60HZ
Power: 25W
Gobo rotation via LED matrix
Strobe-effect with adjustable speed
Equipped with 48 LEDs: 24 red 12 blue 12 green
100000 hours LED life
Fuzzy-Sound-Control: program continues automatically without music DMX-controlled operation or stand alone operation with Master/Slave-function
Blackout, Gobos and Auto/Manual Mode applicable in Stand alone via
Sound-controlled via built-in microphone
Control-Board with 4-digit display
Advantages of LED-technology: extremely long life, low power consumption minimal heat emission, maintenance free with brilliant light radiation
DMX-control Via every standard DMX-controller



Package Size: 465mm*250mm*210mm
Weight: 3.2kg

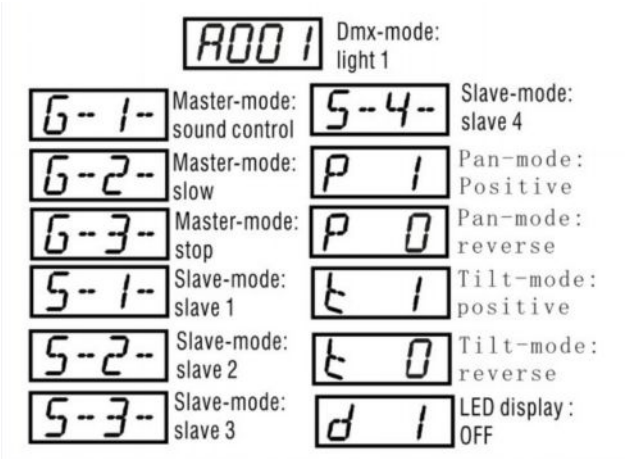
- DMX-Out socket
- Power supply/Fuse holder
- DMX-In socket

- Microphone




# Master/Slave-operation

The master/slave-operation enables that several devices can be synchronized and controlled by one master-device.
On the rear panel of LED BARREL, you can find an XLR-jack (DMX Out) and an XLR-plug（DMX In）which can be used for connecting several devices.
Choose the device which is to control the effects, this device then works as master-device and controls all other slave-devices, which are to be connected to the master-device via a balanced microphone lead.
Connect the DMX Out-jack with the DMX IN-plug of the next device.




Set the desired master-mode for the matter device ,others as slave-mode for all slave-device.
Please note: The function G-3- is only meant for service-purposes, Pease do only use this Function if you want to set the unit shortly into standby mode.

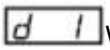
# Pan Reverse


With this function you can reverse the pan-movement.

Tilt Reverse


With this function you can reverse the Tilt-movement.

# Display close time




With this function you can shut off the LED display.

# DMX512 connection/connection between fixtures

Only use a stereo shielded cable and 3-pin XLR-plugs and connectors in order to connect the controller with the fixture or one fixture with another.

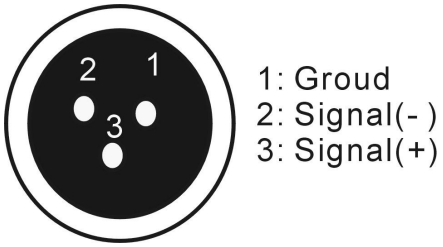
Occupation or the XLT-connection:

DMX-In

XLR mounting-plug:


DMX- Out

XLR mounting-socket:




# OPERATION

After you connected effect to the mains. The LED barrel starts running. During the reset the motors trimmed the device is ready for use afterwards.

# Stand Alone operation

In the Stand Alone mode, the LED BARREL can be used without controller. You can do without controller as the LED BARREL. Features a built-in microphone, which provides automatic sound control disconnect the LED BARREL from the controller and select the desired “Master Mode”.

# Master/Slave-operation

Connect the master and slave-device and adjust the settings as described above.

# DMX-controlled operation

You can control the projectors individually via your DMX-controller. Every DMX-channel has a different occupation with different features.

# Addressing

The Control Board allows you to design the DMX address, which is defined as the first channel from which the LED BARREL will respond to the controller.
Please be sure that you don’t have any overlapping channels in order to control each LED BARREL correctly and independently from any other fixture on the DMX data link.
If two, three or more LED BARREL are addressed similarly, they will work similarly.
For address setting, press the mode-button until the display shows “A.001” and set the desired address via Up/Down=button.

# Controlling:

After having addressed all LED BARREL you may now start operating these via your lighting controller.

# DMX CHANNEL

| | | | |
|---|---|---|---|
| Channel 1 | Strobe | Channel 2 | Gobo |
| Channel 3 | Gobo rotation | Channel 4 | X-stalk |
| Channel 5 | Y-stalk | | |

# Cleaning and Maintenance

The operator has to make sure that safety-relating and machine-technical installations are inspected by an expert.
We recommend a frequent cleaning of the device. Please use a moist, lint-free cloth.
Never use alcohol or solvents!
The objective lens will require weekly cleaning as smoke-fluid tends to building up residues, reducing the light-output very quickly.
To ensure a proper function of the rotating parts, we recommend lubrication in six-month intervals. The quantity of oil must not be excessive in order to avid that oil runs out.
There are no serviceable parts inside the device. Maintenance and service operations are only to be carried by authorized dealers.

Please note: every information is subject to change without prior notice.


INVOLIGHT