Installation

Remove all packing materials from the Zipp LED. Check that all foam and plastic padding is removed. Connect all cables.

Do not supply power before the whole system is set up and connected properly.

Always disconnect from electric mains power supply before cleaning or servicing.

Damages caused by non-observance are not subject to warranty.

Set Up and Operation

Follow the directions below, as they pertain to your preferred operation mode.

Before plugging the unit in, always make sure that the power supply matches the product specification voltage. Do not attempt to operate a 120V specification product on 230V power, or vice versa.

Connect the device to the main power supply. The device can be music-controlled by its built-in microphone.
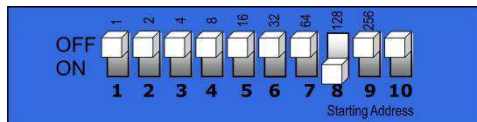
Control Modes

There are 5 Modes: **1)** Automatic
                       2) Custom
                       3) Sound-controlled
                       4) Master/Slave
                       5) DMX512 (3 Channels)

One Zipp LED (Automatic)

1. Fasten the effect light onto firm trussing. Leave at least 0,5 meter on all sides for air circulation.

2. When the Zipp LED is not connected by a DMX-cable, it functions as a stand-alone device. Dipswitch #8 must always be set to ON for Automatic control. Only use the Motor Sensitivity (**7**) to adjust the sensitivity.
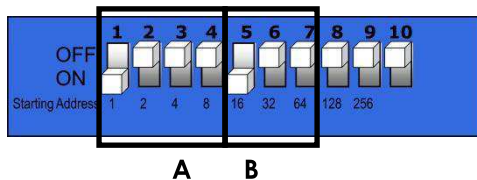
     Program 1 : Dipswitch #8 to ON

One Zipp LED (Custom)

1. Fasten the effect light onto firm trussing. Leave at least 0,5 meter on all sides for air circulation.

2. When the Zipp LED is not connected by a DMX-cable, it functions as a stand-alone device. Dipswitch #8, #9 and #10 must always be set to OFF for custom control. You can use the Motor (**7**) or Light (**8**) control to adjust the sensitivity.

A. You can use Dipswitch #1 (R), #2 (G), #3 (B) and #4 (W) to combine your custom colors.

B. You can use Dipswitch #5, #6 or #7 to control the strobe speed. You can only select one dipswitch at a time. When #5, #6 and #7 are turned OFF, there is no strobe and the LEDs are on constantly.
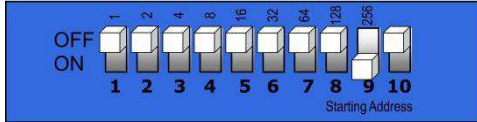
#5 = Strobe Slow

#6 = Strobe Medium

#7 = Strobe Fast

One Zipp LED (Sound-control)

1. Fasten the effect light onto firm trussing. Leave at least 0,5 meter on all sides for air circulation.
Plug the end of the electric mains power cord into a proper electric power supply socket.

2. The dipswitces have no influence during the Sound controlled modus.

3. When the device is not connected by a DMX-cable, it functions as a stand-alone device.
For sound control dipswitch #9 must be set to ON. The other dipswitches must be OFF.
Turn on the music, then the Zipp LED will react to the beat of the music.
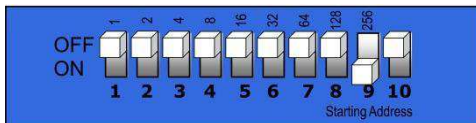You can also adjust the Sensitivity, by using the sensitivity control.

Multiple Zipp LEDs (Master/Slave control)

1. Fasten the effect light onto firm trussing. Leave at least 0,5 meter on all sides for air circulation.

2. Use a 3-p XLR cable to connect the Zipp LED.
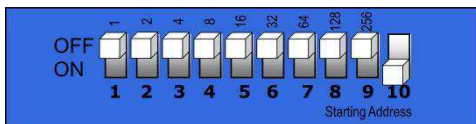The pins:

1. Earth
2. Signal -
3. Signal +

3. Link the units as shown in (Fig. 4), Connect a DMX signal cable from the first unit's DMX "out"
socket to the second unit's "in" socket. Repeat this process to link the second, third, and fourth units.

4. Set DMX dip switches as follows

Master Control: Use dipswitch #1-#9 to play your the desired mode.

Slave Control: Dipswitch #10 should be ON

You can use the same functions on the master device as described on page 8+9 (Automatic, Custom and Music control)
This means on the master device you can use Dipswitch #1-#9 depending on your desired operation Mode and all slave devices will react the same as the master device.

Multiple Zipp LEDs (Master/Slave control)

120Ω   120Ω

Fig. 4