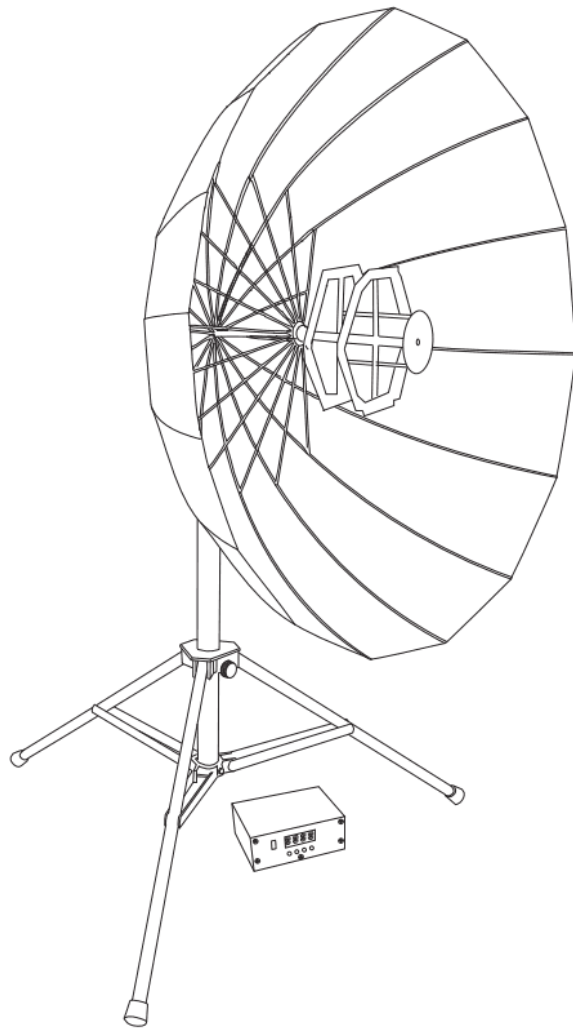


HU826/526/226

Magic Blumen 34/25/20inch



User Manual

Ver1.0

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CAUTION !

Keep this device away from rain and moisture

Unplug mains lead before opening the housing

For your own safety, please read this user manual carefully before you initially start-up

Every person involved with installation, operation and maintenance of this fixture has to

- be qualified
- follow the instruction of this manual
- consider this manual to be part of the total product
- Keep this manual for the entire service life of the product
- pass this manual to every future owner or use of the product

INTRODUCTION

Thank you for choosing our fixture, if you follow up the instruction given in this manual we be sure that you will enjoy this product for a long period of time

SAFETY INSTRUCTION

CAUTION!

Be careful with your operations, With a dangerous voltage you can suffer a dangerous electric shock when touching the wires.

Never let the power-cord come into contact with other cables! Handle the power-cord and all connections with the mains with particular caution! Never touch them with wet hands .as this could lead to mortal electrical shock. Never modify, bend, strain mechanically, put pressure on, pull or heat up the power cord. Never operate next to sources of heat or cold. Disregard can lead to power cord damages, fire or mortal electrical shock. The cable insert or the female part in the device must never be strained. There must always be sufficient cable to the device. Otherwise, the cable may be damaged which may lead to mortal electrical shock. Make sure that the power-cord is never crimped or damaged by sharp edges. Check the device and the power-cord from time to time. If extension cords are used, make sure that the core diameter is sufficient for the required power consumption of the device. All warnings concerning the power cords are also valid for possible extension cords.

There must never enter any liquid into power outlets, extension cords or any holes in the housing of the device. If you suppose that also a minimal amount of liquid may have exerted the device it must immediately be disconnected. This is also valid, if the device was exposed to high humidity. Also if the device is still running, the device must be checking by a specialist if the liquid has reduced any insulation. Reduced insulation can cause mortal electrical shock. There must never be any objects entering into the device. This is especially valid for metal parts. If any metal parts like staples or coarse metal chips enter into the device, the device must be taken out of operation and disconnected immediately. Malfunction or short-circuits caused by metal parts may cause mortal injuries. Never look directly into the light source, as sensitive persons may suffer an epileptic shock (especially meant for epileptics) Keep away children and amateurs.

Never leave this device running unattended.

OPERATING DETERMINATIONS

This device is designed for permanent operation. Consistent operation breaks will ensure that the device will serve you for a long time without defects. Do not shake the device. Avoid brute force when installing or operation the device. Never lift the fixture by holding it at the projector-head. As the mechanics may be damaged. When choosing the installation-spot, please make sure that the device is not exposed to extreme heat, moisture or dust. There should not be any cable lying around. Please make sure that the fixture can not be touched or bumped. Your endanger your own and the safety of others.

The ambient temperature must always be between -5°C and $+45^{\circ}\text{C}$. keep away from direct insulation(particularly in cars)and heaters .The relative humidity must not exceed 50% with an ambient temperature of 45°C . This device must only be operated in an altitude between -20 and 2000m over NN. Never use the device during thunderstorms. Over voltage could destroy the device. Always disconnect the device during thunderstorms. The Symbol determines the minimum distance from lighted objects. The minimum distance between light output and the illuminated surface must be more then this value. The device must only be installed on a non-flammable surface, In order to safeguard sufficient ventilation, leave 50 cm of free space around the device.

The housing must never touch surrounding surfaces or objects. Make sure that the area below the installation place is blocked when rigging, dragging or servicing the fixture. For overhead use (mounting height>100cm), always fix the fixture with an appropriate safety-rope. Fix the safety-rope at the correct fixation points only. The safety-rope must never be fixed at the transport handles. Only operate the fixture after having check that the housing is firmly closed and all screw are tightly fastened.

The maximum ambient temperature $T_a=45^{\circ}\text{C}$ must never be exceeded. Operate the device only after having become familiarized with its functions. Do not permit operation by persons not qualified for operating the device. Most damages are the result of unprofessional operation. Please use the original packaging if the device is to be transported. Please consider that unauthorized modifications on the device are forbidden due to safety reasons! Never remove the serial barcode from the device as this would make the guarantee void. If this device will be operated in any way different to the one described in this manual, the product may suffer damages and the guarantee becomes void. Furthermore, any other operation may lead to dangers like short-circuit, burns, electric shock, crash etc.

DESCRIPTION OF THE DEVICE

Features

- > 114pcs 0.2W RGB high power LED
- > 145/110/97cm diameter light up area
- > Rainbow & color chasing & fade color changing
- > Pixel controlled section with marco effect
- > DMX Wireless transceiver interface with USB
- > LED display Auto/DMX /Sound mode,PWM1200 and flicking free
- > Red/Green/Blue/Cyan/Yellow/Pink/cold white/ and other mixing colors
- > 6/24 CH in optional

INSTALLATION

Rigging

The installation of the projector has to be built and constructed in a way that it can hold 10 times the weight for 1 hour without any harming deformation.

IMPORTANT!OVERHEAD RIGGING REQUIRES EXTENSIVE EXPERIENCE, including calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the projector. If you lack these qualifications, do not attempt the installation yourself, but instead use a professional structural rigger. Improper installation can result in bodily injury and or damage to property. The projector had to be installed out of the reach of people

DANGER OF FIRE! When installing the device, make sure there is no highly-inflammable material(decoration articles, etc.)within a distance of min.0.5m.

DMX 512 connection/ connection between fixture

The wires must not come into contact with each other, otherwise the fixture will not work at all or properly. Please note the starting address depends upon which controller is being used. Only use a DMX cable and 3-pin XLR-plugs and connectors in order to connect the controller with the fixture or one fixture to another

Occupation of the XLR-connection:

DMX-output
XLR mounting-socket:



DMX-input
XLR mounting-plug:



Connection with the mains.

The occupation of the connection-cables is as follows:

| Cable | Pin | International |
|--------------|---------|---------------|
| Brown | Live | L |
| Blue | Neutral | N |
| Yellow/Green | Earth | |

The earth has to be connected. The device must only be connected with an electric installation carried out in compliance with IEC standards.

OPERATION

After you connected the effect to the mains, The fixture starts running

Stand Alone operation

In the stand alone mode, the fixture can be use without controller

Master/slave-operation

The master/slave-operation enables that several devices can be synchronized and controlled by one

master-device

DMX controlled operation

You can control the projectors individually via your DMX-controller

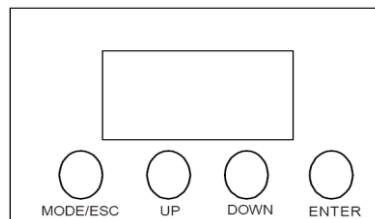
Addressing

The control board allows you to assign the DMX starting address,

Note;it's necessary to insert the XLR termination plug (with 120ohm) in the last device in the link in order to ensure proper transmission on the DMX data link.

CONTROL BOARD

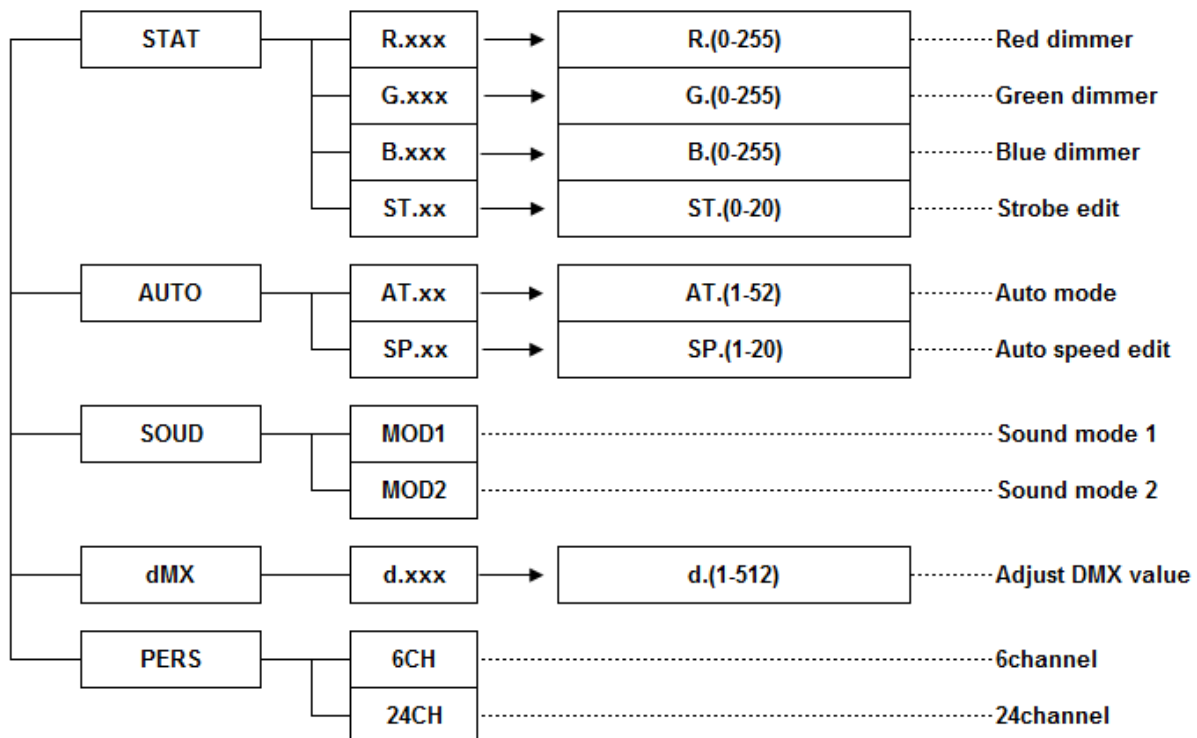
The control board offer several features :you can simple set the starting address, run the pre-programmed program or make a reset



he main menu is accessed by pressing the Mode/Esc-button, Browse through the submenu by pressing Up or Down .Press the Enter-button in order to select the desired menu. You can change the selection by pressing Up or Down, Confirm every selection by pressing the Enter-button. You can leave every mode by pressing the Mode/Esc-button .The functions provided are described in the following setting.

MENU MAP

The device has two operation modes, It can be operated in Stand Alone or in DMX controlled



When in Master/Slave Synchronization Mode, only one in a series chain can be set as the master.

Note: output default setting address code is A001, pan is positive circumrotate、tilt is positive circumrotate、LED positively reveal.

Master/slave mode(auto-running、sound control)

.This mode will allow you to link up 32 units together without a controller.

.Use standard DMX cables to daisy chain your units together via the DMX connector on the rear of the units

.Proper performance it may be necessary to use a terminator at the last fixture.

DMX-protocol

6/24Channel

6Channel

| Channel | Value | Function |
|---------|---|---|
| 1 | 0-255 | Dimmer 0-100% dimmer |
| 2 | 0-9 10-255 | Strobe/Auto speed No function Strobe with increasing speed |
| 3 | 0-9 10-19 20-29 30-33 34-37 38-41 42-45 46-49 50-53 54-57 58-61 62-65 66-69 70-73 74-77 78-81 82-85 86-89 90-93 94-97 98-101 102-105 | Auto NO function Sound 1 Sound 2 Auto 1 Red auto Green auto Blue auto Yellow auto Cyan auto Pink auto White auto Changing color rainbow effect Red 1 Red 2 Red 3 Green 1 Green 2 Green 3 Blue 1 Blue 2 Blue 3 Yellow 1 |

| | | |
|---|---------|------------------------------|
| | 106-109 | Yellow 2 |
| | 110-113 | Yellow 3 |
| | 114-117 | Cyan 1 |
| | 118-121 | Cyan 2 |
| | 122-125 | Cyan 3 |
| | 126-129 | Pink 1 |
| | 130-133 | Pink 2 |
| | 134-137 | Pink 3 |
| | 138-141 | White 1 |
| | 142-145 | White 2 |
| | 146-149 | White 3 |
| | 150-153 | Red strobe |
| | 154-157 | Green strobe |
| | 158-161 | Blue strobe |
| | 162-165 | Yellow strobe |
| | 166-169 | Cyan strobe |
| | 170-173 | Pink strobe |
| | 174-177 | White strobe |
| | 178-181 | Red 1 by layer |
| | 183-185 | Green 1 by layer |
| | 186-189 | Blue 1 by layer |
| | 190-193 | Yellow 1 by layer |
| | 194-197 | Cyan 1 by layer |
| | 198-201 | Pink 1 by layer |
| | 202-205 | White 1 by layer |
| | 206-209 | Red 2 by layer |
| | 210-213 | Green 2 by layer |
| | 214-217 | Blue 2 by layer |
| | 218-221 | Yellow 2 by layer |
| | 222-225 | Cyan 2 by layer |
| | 226-229 | Pink 2 by layer |
| | 230-233 | White 2 by layer |
| | 234-255 | Auto 2 |
| 4 | 0-255 | Red 0-100% Red |
| 5 | 0-255 | Green 0-100% Green |
| 6 | 0-255 | Blue 0-100% Blue |

24Channel

| Channel | Value | Function |
|---------|-------|---|
| 1 | 0-255 | Dimmer 0-100% dimmer |
| 2 | 0-9 | Strobe/Auto speed No function |

| | | |
|---|---------|-------------------------------|
| | 10-255 | Strobe with increasing speed |
| 3 | | Auto |
| | 0-9 | NO function |
| | 10-19 | Sound 1 |
| | 20-29 | Sound 2 |
| | 30-33 | Auto 1 |
| | 34-37 | Red auto |
| | 38-41 | Green auto |
| | 42-45 | Blue auto |
| | 46-49 | Yellow auto |
| | 50-53 | Cyan auto |
| | 54-57 | Pink auto |
| | 58-61 | White auto |
| | 62-65 | Changing color rainbow effect |
| | 66-69 | Red 1 |
| | 70-73 | Red 2 |
| | 74-77 | Red 3 |
| | 78-81 | Green 1 |
| | 82-85 | Green 2 |
| | 86-89 | Green 3 |
| | 90-93 | Blue 1 |
| | 94-97 | Blue 2 |
| | 98-101 | Blue 3 |
| | 102-105 | Yellow 1 |
| | 106-109 | Yellow 2 |
| | 110-113 | Yellow 3 |
| | 114-117 | Cyan 1 |
| | 118-121 | Cyan 2 |
| | 122-125 | Cyan 3 |
| | 126-129 | Pink 1 |
| | 130-133 | Pink 2 |
| | 134-137 | Pink 3 |
| | 138-141 | White 1 |
| | 142-145 | White 2 |
| | 146-149 | White 3 |
| | 150-153 | Red strobe |
| | 154-157 | Green strobe |
| | 158-161 | Blue strobe |
| | 162-165 | Yellow strobe |
| | 166-169 | Cyan strobe |
| | 170-173 | Pink strobe |
| | 174-177 | White strobe |
| | 178-181 | Red 1 by layer |
| | 183-185 | Green 1 by layer |
| | 186-189 | Blue 1 by layer |
| | 190-193 | Yellow 1 by layer |

| | | |
|----|---|--|
| | 194-197 198-201 202-205 206-209 210-213 214-217 218-221 222-225 226-229 230-233 234-255 | Cyan 1 by layer Pink 1 by layer White 1 by layer Red 2 by layer Green 2 by layer Blue 2 by layer Yellow 2 by layer Cyan 2 by layer Pink 2 by layer White 2 by layer Auto 2 |
| 4 | 0-255 | R0 0-100% Red |
| 5 | 0-255 | G0 0-100% Green |
| 6 | 0-255 | B0 0-100% Blue |
| 7 | 0-255 | R1 0-100% Red |
| 8 | 0-255 | G1 0-100% Green |
| 9 | 0-255 | B1 0-100% Blue |
| 10 | 0-255 | R2 0-100% Red |
| 11 | 0-255 | G2 0-100% Green |
| 12 | 0-255 | B2 0-100% Blue |
| 13 | 0-255 | R3 0-100% Red |
| 14 | 0-255 | G3 0-100% Green |
| 15 | 0-255 | B3 0-100% Blue |
| 16 | 0-255 | R4 0-100% Red |
| 17 | 0-255 | G4 0-100% Green |
| 18 | 0-255 | B4 0-100% Blue |
| 19 | 0-255 | R5 0-100% Red |
| 20 | 0-255 | G5 0-100% Green |

| | | |
|----|-------|---------------------------|
| 21 | 0-255 | B5 0-100% Blue |
| 22 | 0-255 | R6 0-100% Red |
| 23 | 0-255 | G6 0-100% Green |
| 24 | 0-255 | B6 0-100% Blue |

TECHNICAL SPECIFICATIONS

| | |
|--------------------|---|
| Model | HU826/526/226 Magic Blumen 34/25/20inch |
| Voltage | 100V-240V AC 50/60Hz |
| Power consumption: | 20W |
| LED | 114pcs 0.2W RGB high power LED |
| NW | 3.5kg/2kg |
| Dimensions | 102*28.5*27cm / 80* 29.5* 23.5 cm |