VIS135.1 VISAGE LED Pixel Tube

User Manual

Welcome to use LED Pixel Tube , Please read following Safety Notes as well as those in User Manual carefully before connection, installing, operation or maintaining this product.

Safety Notes

1. After receiving the new LED Pixel Tube, please open the packing carton to check the goods and all other accessories whether they are consistent with packing list and in good condition, in case finding something damaged by transportation, please contact the reseller or distributor to repair or change.
2. LED Pixel Tube is for indoor use only!
3. LED Pixel Tube should not be exposed to rain, moisture, water and any other liquid.
4. LED Pixel Tube should not be exposed to heat or any flammable source.
5. LED Pixel Tube should not be exposed to shock,vibration,impact and dust.
6. LED Pixel Tube must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces.
7. The connection, installation, operation and maintenance of Pixel Tube should be processed by qualified person.
8. Make sure no ventilation slots are blocked.
9. Prohibit trample and tear the LED Pixel Tube, keep the internal cable connection in order.
10. Electrical connection must be carried out by qualified person.
11. Make sure the voltage and frequency of power supply match the power require of this device.
12. Always connect this product to a grounded circuit to avoid the risk of electrocution.
13. Do not connect LED Pixel Tube to a dimmer.
14. Make sure the power cord is not crimped or damaged.
15. Never pull out the plug from power cord by pulling or tugging on the cord.
16. Never operate this product with the covers removed.
17. Always disconnect this product from the power supply before cleaning or attempting any maintenance work.
18. Never carry this product from any moving part, Always use the hanging/mounting bracket or the handles.
19. The maximum ambient temperature is **40℃**, Do not operate this product at higher temperatures.
20. In case of a serious operation problem, stop using this product immediately and contact reseller or distributor.

1: INTRODUCTION

1.1 Product Description

LED pixel tube aremade of high brightness SMD 3in1 RGB LED.Three different lengths are available 1m,1.5m and 2m. These can be used with a choice of controllers.

VIS139 KB-200 Pixel drive bar 5 outputs maximum of 6 metres of tube per output
VIS139.1 KB-200A Pixel drive bar 3 outputs maximum of 10 metres of tube per output
VIS139.2 KB-400 Pixel driver box 5 outputs maximum of 6 metres of tube per output

Each controller can be used with DMX /art-net and Kling net.

There is an inbuilt library of 30 pr-programed effects to create stunning displays without the need for further programing

1.2 Product -Tube Specification

Length	1000mm
Tube diameter	28mm
Working Voltage	DC12V
Light source	SMD5050 LED RGB Tri-Color 32*2=64 pcs
Beam/View angle	120 degrees/360 degrees
Pixel point / pitch	32 / 30mm
Tube material	PC
DMX Channel	96 DMX Channels
Tube color	Bellows
Weight	250g

1.3 Product -Controller Specification

Power supply	AC100v~240V,50HZ/60HZ
Power	120w
Connector	Tube / Ball selected
Operation Mode	automatic,M-S, DMX Both DMX and Art-Net control protocol supported
DMX channels ：	8CH/480CH(Pixel tube) 150CH/225CH/300CH/375CH/450CH(Pixel Ball)
Auto Mode	30 programs with execution speed adjustment
Master/slave mode	for synchronized operation of more units linked in a chain

1.4 Product -Controller Button and Funtion :

Button	Function
Menu	Access the menu Return to previous option
UP	Scroll through the menu options in ascending order Increase value
DOWN	Scroll through the menu options in descending order Decrease value
Enter	Select menu option Store the current menu or option within the menu

2 Operation

The device can be used in the following modes:
Artnet&Klingnet
stand-alone mode
master/slave
with a-512 controller.

2.1 Software Version

Press MENU to enter the menu.
Navigate to <SoftWare Version> with UP or DOWN and press ENTER to confirm.

2.2 Stand-Alone Mode

The device starts running in stand-alone mode after connection to the mains.
1. Connect the device to the mains to switch it on.
2. Press MENU to enter the menu.
3. Navigate to <Auto Mode> with UP or DOWN and press ENTER to confirm.
4. Select <PROGRAM> with UP or DOWN and press ENTER to confirm.
5. Select an option with UP or DOWN and press ENTER to confirm.
6. Select <SPEED> with UP or DOWN and press ENTER to confirm. Select a speed with UP or DOWN and press ENTER to confirm.

2.3 Master/Slave Mode

Notes
The master/slave mode allows for connecting several devices to a single master device in a daisy chain.
All slave devices will then work synchronously with the master device.
Configure all slave units before connecting the master unit to the daisy chain.

The maximum number of slave units you can connect to a master unit is 25

Slave units:
1. Connect the DMX input from your slave device to the DMX output of the previous device in the chain.
2. Connect the slave device to the mains to switch it on.
3. Press MENU to enter the menu.
4. Navigate to <Slave Mode> with UP or DOWN and press ENTER to confirm.
5. Select <Slave Mode [YES]> with UP or DOWN and press ENTER to confirm.
6. Repeat these steps for all slave units.

Master unit
1. Connect the master device to the mains to switch it on.
2. Press MENU to enter the menu.
3. Navigate to <Slave Mode> with UP or DOWN and press ENTER to confirm.
4. Select <Slave Mode [YES]> with UP or DOWN and press ENTER to confirm.
5. Set the master unit to work in one of the running modes.
6. Connect the master unit as the first unit in the chain by connecting the DMX output of the master device to the DMX input of the first slave unit.

2.3 DMX Mode

Channel	From	To	Function
CH1	000	007	No Function
	008	255	Master Dimmer
CH2	000	010	No Function
	011	255	Strobe(slow-fast)
CH3	000	007	No Function
	008	255	Red (0-100%)
CH4	000	007	No Function
	008	255	Green (0-100%)
CH5	000	007	No Function
	008	255	Blue(0-100%)
CH6	000	015	No Function
	016	031	program 1
Master	032	047	program 2
Dimmer	048	063	program 3
CH1=000	064	079	program 4
	080	095	program 5
Ch6 has	096	111	program 6
priority over	112	127	program 7

CH7	128	143	program 8
	144	159	Program 9
	160	175	program10
	176	191	program11
	192	207	program12
	208	223	program13
	224	239	program14
	240	255	program15
CH7 Master Dimmer CH1=000 CH6 has priority over CH7	000	015	No Function
	016	031	program16
	032	047	program17
	048	063	program18
	064	079	program19
	080	095	program20
	096	111	program21
	112	127	program22
	128	143	program23
	144	159	program24
	160	175	program25
	176	191	program26
	192	207	program27
	208	223	program28
	224	239	program29
	240	225	Program mix
CH8	000	255	Program speed
			(slow-fast)

3 Cleaning and Maintenance

All screws should be tightened and free of corrosion.
The housing, the lenses, the mounting supports and the installation location (e.g. ceiling, suspension, trussing) should not be deformed, modified or tampered with; e.g. do not drill extra holes in mounting supports, do not change the location of the connections…
Mechanically moving parts must not show any signs of wear and tear.
The electric power supply cables must not show any damage. Have a qualified technician maintain the device.
Disconnect the device from the mains prior to maintenance activities. Let the device cool down.
Wipe the device regularly with a moist, lint-free cloth. Do not use alcohol or solvents.
Do not immerse the device in any liquid.
here are no user-serviceable parts.
Contact your dealer for spare parts if necessary

KB-400 Menu list

```
DMX Address ──Enter/Esc──▶ DMX Address
                            001
     │                       │
   Up/Down                 Up ··· Down
     │                       │
     ▼                       ▼
                          DMX Address
                            512

DMX CH Mode ──Enter/Esc──▶ DMX CH Mode
                            8CH
     │                       │
   Up/Down                 Up ··· Down
     │                       │
     ▼                       ▼
                          DMX CH Mode
                            480CH

Auto Mode ──Enter/Esc──▶ Auto Mode      ──Enter──▶ Auto Mode
                          Program        ◀──ESC──   Program:01
     │                       │                         │
   Up/Down                Up │ Down                 Up ··· Down
     │                       │                         │
     │                       ▼                         ▼
     │                    Auto Mode      ──Enter──▶ Auto Mode
     │                     Speed         ◀──ESC──   Program:Mix
     │                                              Auto Mode
     │                                               Speed:1
     │                                                 │
     │                                              Up ··· Down
     │                                                 │
     │                                                 ▼
     │                                              Auto Mode
     │                                               Speed:9
     ▼

Slave Mode ──Enter/Esc──▶ Slave Mode
                          [YES] NO
     │                       │
   Up/Down                   ▼
     │                     Slave Mode
     │                     YES [NO]
     ▼

Network Settings ◀──Enter/Esc──▶ IP Address ◀─Enter/Esc─ IP Address        ─Enter/Esc─ IP Address
     │                               │                    002.000.000.[001              002.000.000.[001
     │                            Up/Down                    │                             │
     │                               │                      ···                           ···
   Up/Down                           ▼                       │                             │
     │                                                    IP Address                    IP Address
     │                                                    [002.000.000.001              002.000.000.[255

     │                            Subnet Mask ◀─Enter/Esc─ Subnet Mask       ─Enter/Esc─ Subnet Mask
     │                               │                     255.000.000.[000             255.000.000.[000
     │                            Up/Down                     │                            │
     │                               │                       ···                          ···
     │                               ▼                        │                            │
     │                                                     Subnet Mask                  Subnet Mask
     │                                                     [255.000.000.000             255.000.000.[255

     │                            Net SubNet Unive ─Enter/Esc─ Net SubNet Unive ─Enter/Esc─ Net SubNet Unive
     │                                                         000 00 [00]                  000 00 [00]         ···
     │                                                            │                            │
     │                                                           ···                          ···
     │                                                            │                            │
     │                                                         Net SubNet Unive             Net SubNet Unive
     │                                                         [000] 00 00                  000 00 [15]

Ball/Tube ──Enter──▶ Ball/Tube
          ◀─ESC──    [Ball] Tube
     │                  │
   Up/Down           Up │ Down
     │                  ▼
     │               Ball/Tube      ─Enter/ESc─
     │               Ball [Tube]

  If Select Ball                        If Select Tube

Length ──Enter──▶ Length
       ◀─ESC──    [2]M
     │              │
   Up/Down       Up │ Down
     │              ▼
     │           Length
     │           [6]M
     ▼

SoftWare Version ──Enter──▶ SoftWare Version
                 ◀─ESC──    NET 1.0
```