

# Pixel Bar 666

## User Manual



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## TECHNICAL PARAMETERS

### Light source

Input voltage: 100-245V AC50/60HZ

Power 180W

LED: 666\*0.5W RGB LED

The power supply voltage of the lamp bead is 5V

### Controls

Control mode: master and slave

Communication mode: DMX50

### Construction

Operating temperature: -30~50°C

### Dashboard and button descriptions



MENU is a menu key that allows you to switch between different parameter interfaces

Item	Display	ilustrar	Function
1	A001	DMX512 8CH	Range 1-505
2	D001	DMX512 3CH	Range 1-505
3	R255	Red brightness adjustment	000 (closed light) - 255 (brightest) transmit 3 channels of data at the same time
4	G255	Green brightness adjustment	000 (closed light) - 255 (brightest) transmit 3 channels of data at the same time
5	B255	Blue brightness adjustment	000 (closed light) - 255 (brightest) transmit 3 channels of data at the same time

6	L255	Strobe parameters	0-100 no strobe, 101-200 strobe, 201-255 suspended
7	FX01	Built-in change program switching	The range is 1-64, and the maximum number of effects is 64
8	S001	Built-in change program speed adjustment	The range is 0-63, 0 is the slowest, 63 is the fastest
9	OX01	Voice-activated function	

UP is the parameter plus DOWN is the parameter minus, ENTER is the confirmation key, after pressing this key, the current set parameter will be remembered for the next power-on;

There are 9 interfaces in the main menu, 2 DMX505 receiving interfaces, 7 host (self-propelled) interfaces, and the following 1 and 2 are DMX505 receiving interfaces; 3, 4, 5, 6, 7, 8, and 9 are the host interfaces, and each interface adjusts the parameters of the data emitted.

## Channel Mode:

1. 8 channels Function description of each channel when receiving: This mode is to play the built-in program

Item	Display	Function
CH1	Total dimming	0 closed light, 1-255 value, higher brightness
CH2	Red dimming	0 closed light, 1-255 value, higher brightness
CH3	Green dimming	0 closed light, 1-255 value, higher brightness
CH4	Blue dimming	0 closed light, 1-255 value, higher brightness
CH5	Strobe and pause control	0-100 no strobe, 101-200 strobe, 201-255 pause, the strobe frequency is controlled by channel 7, this channel 101-200 can fine-tune the strobe beat, to achieve a super dazzling effect, and the performance is more prominent in voice control
CH6	Toggle the built-in playback program	4 squares to switch values in one program (0-3 1st, 251-255 64th)

CH7	Variable speed adjustment	0 is the slowest, 255 is the fastest, and it can control synchronization and non-synchronization at the same time, synchronous operation within 70, and non-synchronous operation above 70; When the strobe is enabled, the speed is also adjusted here, and the higher the value, the faster the strobe
CH8	Voice-activated function	0 no voice control, 1-120 voice control mode 1 and sensitivity adjustable (the larger the value, the louder the sound is required, the light is static when there is no sound, and the light is normal when there is sound), 121-130 no voice control, 131-255 voice control mode 2 and the sensitivity is adjustable (the larger the value, the louder the sound is required to be triggered, the light is turned off when there is no sound, and the light is normally lit when there is sound)

2. 3 channels Function description of each channel when receiving: dimming all RGB colors as a whole

Item	Display	Function
CH1	Red dimming	0 closed light, 1-255 value, higher brightness
CH2	Green dimming	0 closed light, 1-255 value, higher brightness
CH3	Blue dimming	0 closed light, 1-255 value, higher brightness

Operation note: Only one device can be used as the main control at any time, otherwise the signal conflicts and the lamp may not be able to operate normally. When the running program is out of sync, use channel 6 to switch the built-in player program to resync.

The program is stored in the SD card, please do not touch the SD card at will.

Features of this product:

1. Using advanced point control technology, each lamp bead is individually controlled lamp beads
2. Using advanced production technology, there is a communication chip inside each lamp bead
3. Each lamp bead has a current constant current chip inside, which has extremely high reliability
3. The main control chip has a built-in DSP processor, which controls the lamp beads in the way of video processing and extremely high speed
5. Exhibits extremely smooth color transitions, the change program is placed in the SD card and can be easily updated.

## REMARK

The product has perfect performance and integrity packing.

All users should be strictly comply with the warning and operating instructions as stated.

Or we aren't in charge of any result by misusing.

Any damage resulting by misuse is not within the Company's warranty.

Any fault or problem caused by neglecting the manual is also not in the charge of dealers.

Errors and omissions for every information given in this manual excepted.

All information is subject to change without prior notice.