Led Control 306

Instructions for use

1. Before you begin

Thank you for purchasing this GLT light controller. In the box are the following:

1x Led Control 306 Controller
1x External Power Supply
1x Instruction manual

Carefully unpack the product, and check that all items are present and in good condition. Always check the material upon delivery in the presence of the carrier. Indicate in writing on the waybill any reservations if the equipment is damaged.

For other complaints, missing parts, missing manuals, or any other questions, contact your dealer.

2. Safety Instructions

Please note: this appliance operates at a voltage of 230 Volts. A voltage of 230 Volts can be fatal if you touch bare wires. Any intervention inside the device must be carried out by an authorized and competent person.
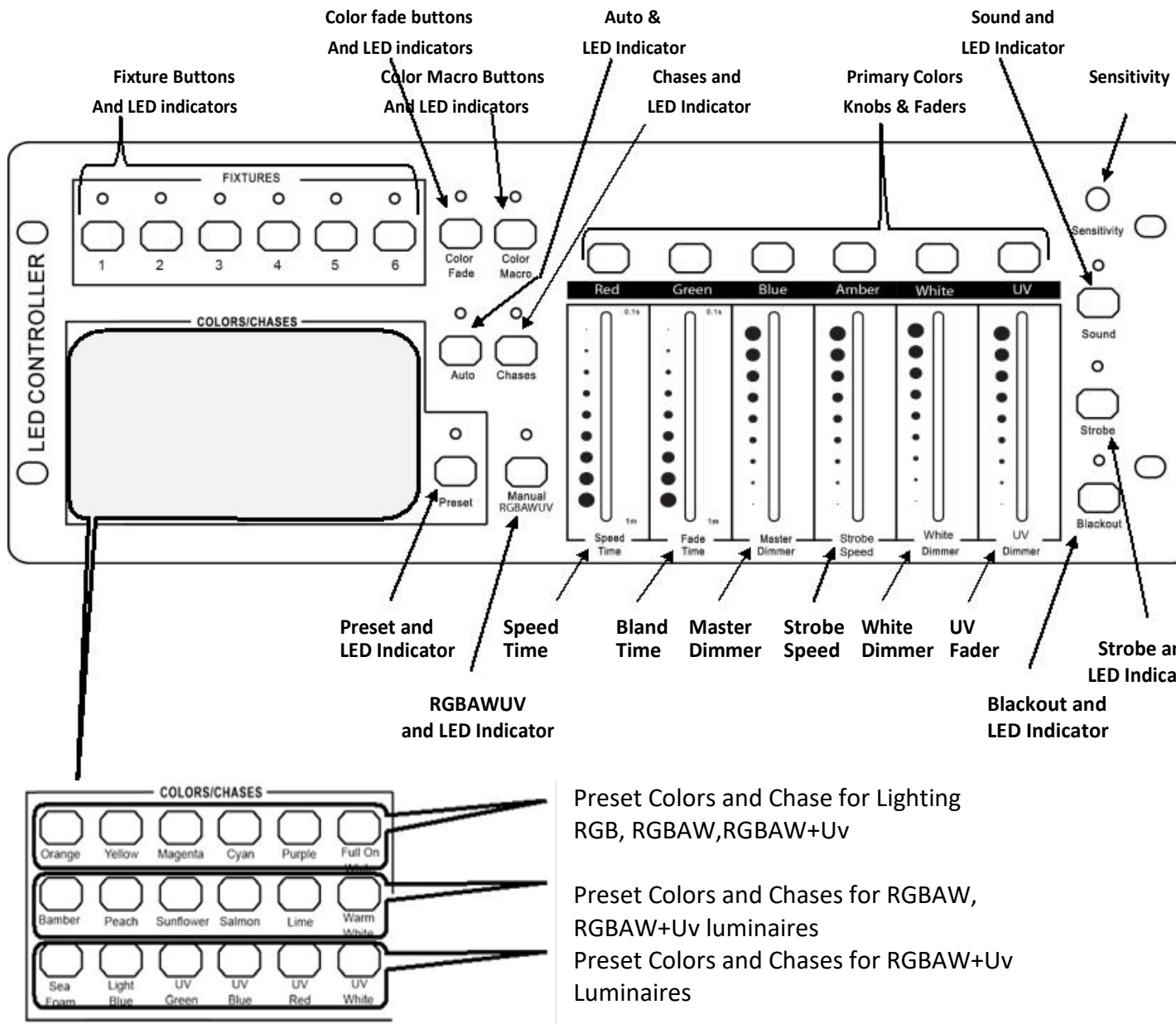**If this appliance has been subjected to significant changes in weather conditions, do not turn it on immediately. Condensation can damage electrical parts.**
Wait until the appliance is at the temperature of the place before turning it on.
It is imperative that you observe the voltage and frequency values recommended and specified on the device.
Make sure the appliance's power transformer is in good condition. NEVER use a power transformer that shows signs of wear or cuts.
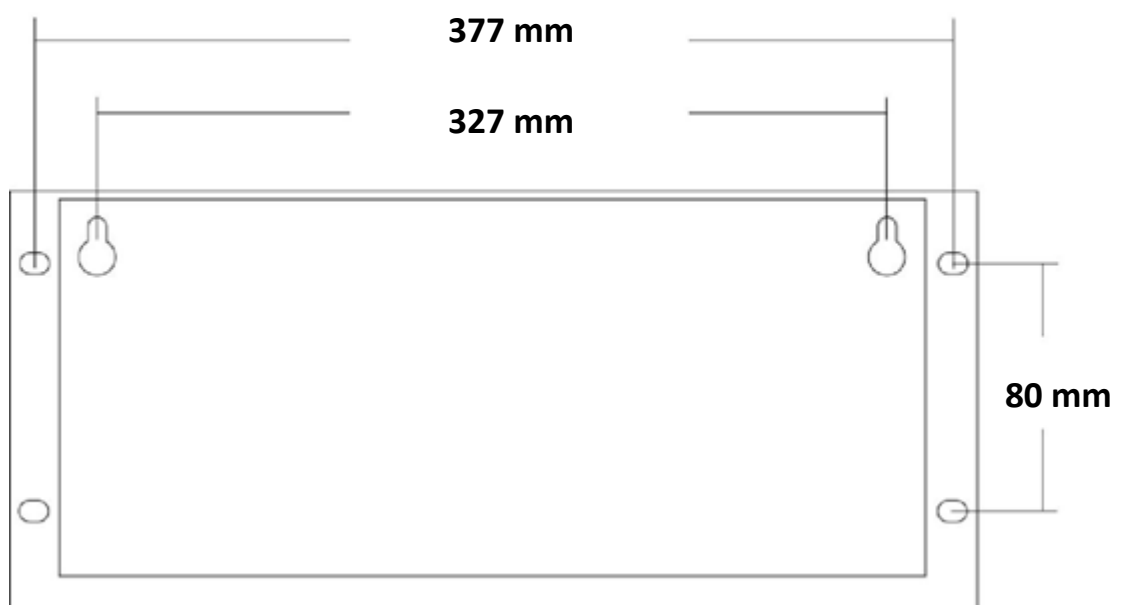
3. Description of the front panel

Color fade buttons
And LED indicators

Auto &
LED Indicator

Sound and
LED Indicator

Fixture Buttons
And LED indicators

Color Macro Buttons
And LED indicators

Chases and
LED Indicator

Primary Colors
Knobs & Faders

Sensitivity

Preset and
LED Indicator

Speed
Time

Bland
Time

Master
Dimmer

Strobe
Speed

White
Dimmer

UV
Fader

Strobe ar
LED Indica

RGBAWUV
and LED Indicator

Blackout and
LED Indicator

Preset Colors and Chase for Lighting
RGB, RGBAW,RGBAW+Uv

Preset Colors and Chases for RGBAW,
RGBAW+Uv luminaires
Preset Colors and Chases for RGBAW+Uv
Luminaires

4. Description of functions

Pimples	Description
\<FIXTURES 1\>— \<FIXTURES 6\>	Projector number selection button. Press once to select the projector. Tap again to deselect it
\<Color Fade\>	Selected projectors switch to Color Fade mode
\<Color Macro\>	Color Macro Mode Selector Button In this mode, use the \<**Speed Time**\> fader to change colors
\< Auto\>	Color Macro Mode Selector Button In this mode, multiple programs can be run simultaneously by different machines. For example, the **\<FIXTURE 1\> can run on a different program than the** \<FIXTURE 2\>.
\<Chases\>	Press this button to enter Chase Mode. Use the "Colors/Chases" presets to select the different pre-recorded Chases
Quick Color Buttons	Direct access to colors in Manual Mode. These buttons are of the "Flash" type. Once released, the color disappears
Quick Color Faders	Fader to calibrate color channels in Manual Mode
\<Sound\>	On/off Music Mode Music mode only works with Color Fade, Auto, and Chase modes
Sensitivity Knob	Adjusting the sensitivity of the controller's built-in microphone
\<COLOR/CHASE\>	Button to select a color in Preset mode or select a chase in Chase mode.
\<Preset\>	Press this button to access the pre-saved color or chases presets in the controller. Devices selected in "Fixture" are controlled by selection
\<Manual RGBAWUV\>	Press this button to switch to manual RGBWA-UV control. The colors are then controlled on the 6 faders of the controller.
\<Speed Time\> **gold** **\<Red\>**	Control Fader of: ⬚ Fade In/Out speed in Fade mode ⬚ Chase speed in Chase mode ⬚ Scroll speed in Auto mode ⬚ Color selection in Macro Color mode ⬚ Red dimming in Manual mode
\<FadeTime\> **gold** **\<Green\>**	Control Fader of: ⬚ Color transition times in Fade, Chase, Auto, Color Macro and Presets mode ⬚ The fade time up/down of the **\<Master Dimmer\>** in all modes except Manual mode ⬚ Dimming of Green in Manual mode
\<Master Dimmer\>	Control Fader of:

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gold **<Blue>**	▢ Brightness in Color Fade, Chase, Auto, Color Macro, and Preset modes ▢ Blue dimming in Manual mode
<Strobe Speed> gold **<Amber>**	Control Fader of: ▢ Strobe speed in Color Fade, Chase, Auto, Color Macro modes Amber and Strobe Dimming in Manual Mode This fader is used in combination with the **<Strobe knob>**
<White Dimmer>	Control Fader of: ▢ White dimming in all modes
<UV Dimmer> or <UV>	Control Fader ▢ UV dimming in all modes
<Strobe>	Button Function ▢ Stops strobe effect in all modes (except Manual Mode) ▢ Toggle the strobe effect on, pause, and off in Manual Mode An LED indicator indicates when the strobe is activated This button is used in combination with **<Strobe Speed>**.
<Blackout>	Zeroing all DMX levels.

5. Size

377 mm

327 mm

80 mm

Weight: 1.8 Kg

6. DMX Addressing

The controller uses an addressing system intended only for projectors with the following Dmx protocol:

· Channel 1 – Red
· Channel 2 – Green
· Channel 3 – Blue
· Channel 4 – Amber
· Channel 5 – White
· Channel 6 – UV

It is possible to use generators with a different protocol, but the pre-set color functions or the series graphics of the control faders will not necessarily match.

Below is the DMX addressing chart

Departure address	Channels	Fixture button
1	1–6	**<FIXTURES 1>**
7	7-12	**<FIXTURES 2>**
13	13-18	**<FIXTURES 3>**
19	19-24	**<FIXTURES 4>**
25	25-30	**<FIXTURES 5>**
31	31-36	**<FIXTURES 6>**

· For example, once addressing is complete, the device at DMX address 19 corresponds to the "Fixture 4" button

7. Using the Controller

7.1 Device Selection
Devices are selected by pressing the corresponding Fixture button (from 1 to 6 devices). Tap an already selected number again to deselect it.
This function is inclusive. Multiple devices can be selected at the same time.
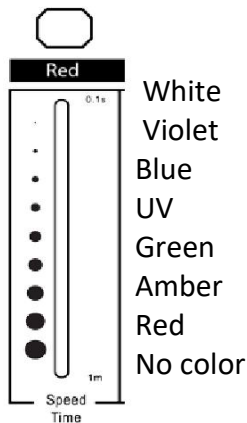
7.2 Mode Color Fade
The Color Fade Mode is a sequence of colors in the following order: Red, Yellow, Green, Uv, Blue, Purple, Amber, and White.
- Select the devices to be controlled using the "Fixture" buttons
- Press the "Color Fade" button
- Use the "Master DImmer" fader to adjust the intensity
- Use "Speed Time" and "Fade Time" to adjust the speed and time of color chaining
- Use "Strobe Speed" to adjust the speed of the strobe

To exit Fade Mode, press another Mode button

7.3 Mode Color Macro
Macro mode is a mode that uses the "Speed Time" fader to access pre-recorded colors according to the diagram below

White
 Violet
Blue
UV
Green
Amber
Red
No color

- Select the devices to be controlled using the "Fixture" buttons
- Press the "Color Macro" button
- Use the "Master DImmer" fader to adjust the intensity
- Use "Speed Time" to change colors
- Use "Strobe Speed" to adjust the speed of the strobe

To exit Color Macro Mode, press another Mode button

7.4 Mode Auto Mode

Auto Mode allows for a sequence of random colors, which can be set in intensity and speed.

- Select the devices to be controlled using the "Fixture" buttons
- Press the "Auto" button
- Use the "Master DImmer" fader to adjust the intensity
- Use "Speed Time" to set the running speed
- Use "Fade Time" to set the time it takes to chain two colors
- Use "Strobe Speed" to adjust the speed of the strobe

To exit Fade Mode, press another Mode button

7.5 Mode Preset

The preset mode allows you to use a pre-set color indicated on the "Preset" part of the controller.

- Select the devices to be controlled using the "Fixture" buttons
- Press the "Preset" button
- Press one of the "Color Chases" buttons to select a color
- Use the "Master DImmer" fader to adjust the intensity
- Use "Fade Time" to vary the intensity ramp-up curve
- Use "Strobe Speed" to adjust the speed of the strobe

To exit Preset Mode, press another Mode button

7.6 Manual Mode

Manual mode allows color mixing with individual color control faders.

- Select the devices to be controlled using the "Fixture" buttons
- Press the "Manual RGBWAUv" button

- Use the faders for color mixing
- Use the flash buttons above the faders to send as long as the knob is held, a 100% level

To exit Manual Mode, press another Mode button

7.7 Mode Chase

Chase mode allows you to start crossfade-type sequences, which can be set in terms of execution speed, sequence time and intensity.

- Select the devices to be controlled using the "Fixture" buttons
- Press the "Chases" button
- Use the "Master DImmer" fader to adjust the intensity
- Use "Speed Time" to set the running speed
- Use "Fade Time" to set the time it takes to chain two colors
- Use "Strobe Speed" to adjust the speed of the strobe

To exit Chase Mode, press another Mode button

Below is the table of pre-saved Chases in the controller

Button	Chase
Orange	Red-Green
Yellow	Blue-Green
Magenta	Blue-Red
Cyan	Red – Cyan
Violet	Vet-Rose
White Full On	Blue-Yellow
Amber	Pink-Yellow
Fishing	Pink – Cyan
Sunflower	Red-Yellow
Salmon	Vet-Yellow
File	Green-White
Warm White	Blue-Yellow
Sea Foam	Blue – Cyan
Blue light	Blue-Amber
UV Green	Blue-White
UV Blue	White-Pink
UV Red	Red-White
UV White	Rainbow

7.8 Strobe Function

The Strobe effect is available for all modes except Manual Mode.

- Select one of the Color Fade, Color Macro, Auto, Chase, or Preset Mode modes
- Turn up the "Strobe Speed" fader to trigger the Strobe effect
- Press "Strobe" twice or set the fader to position 0 to stop the effect

7.9 Mode Audio

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Audio mode uses the built-in mic to control the execution of sequences in Color Fade, Auto, and Chase modes. It does not apply to Color Macro, Preset, or Manual modes.
While running, it is possible to use audio mode for some devices, and use Manual or Preset mode for other devices

- Select one of the Color Fade, Auto, Chase modes
- Tap "Sound" to turn on Audio Mode
- Press "Sound" again to turn off Audio mode

8. Strobe function in manual mode

Activating the Strobe function in Manual mode suspends the possibility of color mixing. The "Strobe / Speed" fader allows you to set the frequency of the effect.

To use the Strobe feature and disable it in Manual mode, follow these steps:

- Create a color with blending faders
- Press "Strobe" once, the effect will trigger
- Use "Strobe Speed" to adjust the frequency

When the Strobe effect is in progress:
- Press "Strobe" twice and the effect stops
- Move the "Strobe Speed" fader and the effect resumes

9. Blackout Function

The Blackout function sets all DMX values to zero. This function is non-destructive. When exiting the Blackout function, the controller returns the values of the last light state

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