

PAR CONTROL 34

1 - Safety instructions

Important safety information



This unit is intended for indoor use only. Do not use it in a wet, or extremely cold/hot locations. Failure to follow these safety instructions could result in fire, electric shock, injury, or damage to this product or other property.



This product contains non-isolated electrical components. Do not undertake any maintenance operation when it is switched on as it may result in electric shock.



Any maintenance procedure must be performed by a CONTEST authorised technical service. Basic cleaning operations must thoroughly follow our safety instructions.



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



WARNING : This unit contains no user-serviceable parts. Do not open the housing or attempt any maintenance by yourself. In the unlikely even your unit may require service, please contact your nearest dealer. In order to avoid any electrical malfunction, please do not use any multi-socket, power cord extension or connecting system without making sure they are perfectly isolated and present no defect.



Warning

This product is equipped with Class 2 LEDs. Please avoid looking directly at the beam as it may cause severe eye injuries.



Risk of electrocution

To prevent the hazard of electric shocks, do not use extension cords, multi-socket or any other connection system without making sure metal parts completely are out of reach.



Recycling your device

- As HITMUSIC is really involved in the environmental cause, we only commercialise clean, ROHS compliant products.
- When this product reaches its end of life, take it to a collection point designated by local authorities. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

Symbols used



This symbol signals an important safety precaution.



The CAUTION symbol signals a risk of product deterioration.



The WARNING symbol signals a risk to the user's physical integrity. The product may also be damaged.

Instructions and recommendations

1 - Please read carefully :

We strongly recommend to read carefully and understand the safety instructions before attempting to operate this unit.

2 - Please keep this manual :

We strongly recommend to keep this manual with the unit for future reference.

3 - Operate carefully this product :

We strongly recommend to take into consideration every safety instruction.

4 - Follow the instructions:

Please carefully follow each safety instruction to avoid any physical harm or property damage.

5 - Avoid water and wet locations :

Do not use this product in rain, or near washbasins or other wet locations.

6 - Installation :



We strongly encourage you to only use a fixation system or support recommended by the manufacturer or supplied with this product. Carefully follow the installation instructions and use the adequate tools.

Always ensure this unit is firmly fixed to avoid vibration and slipping while operating as it may result in physical injury.

7 - Ceiling or wall installation :

Please contact your local dealer before attempting any ceiling or wall installation.

8 - Ventilation :

The cooling vents ensure a safe use of this product, and avoid any overheating risk.

Do not obstruct or cover these vents as it may result in overheating and potential physical injury or product damage. This product should never be operated in a closed non-ventilated area such as a flight case or a rack, unless cooling vents are provided for the purpose .

9 - Heat exposure :

Sustained contact or proximity with warm surfaces may cause overheating and product damages. Please keep this product away from any heat source such as a heaters, amplifiers, hot plates, etc...

10 - Electric power supply :



This product can only be operated according to a very specific voltage. These information are specified on the label located at the rear of the product.

11 - Power cords protection:

Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at lugs, convenience receptacles and the point where they exit from the fixture.

12 - Cleaning precautions :



Unplug the product before attempting any cleaning operation. This product should be cleaned only with accessories recommended by the manufacturer. Use a damp cloth to clean the surface. Do not wash this product.

13 - Long periods of non use :



Disconnect the unit's main power during long periods of non use.

14 - Liquids or objects penetration :



Do not let any object penetrate this product as it may result in electric shock or fire.

Never spill any liquid on this product as it may infiltrate the electronic components and result in electric shock or fire.

15 - This product should be serviced when :



Please contact the qualified service personnel if :

- The power cord or the plug has been damaged.
- Objects have fallen or liquid has been spilled into the appliance.
- The appliance has been exposed to rain or water.
- The product does not appear to operate normally.
- The product has been damaged.

16 - Inspection/maintenance :

Please do not attempt any inspection or maintenance by yourself. Refer all servicing to qualified personnel.

17 - Operating environment :



Ambient temperature and humidity: +5 - +35°C, relative humidity must be less than 85% (when cooling vents are not obstructed).

Do not operate this product in a non-ventilated, very humid or warm place.

2 - Introduction

Your PARCONTROL34 is a powerful controller designed for the IrLED series.

It will give you access to many colours or programs, allowing you to adjust the intensity or the strobe speed of your projectors.

It is perfect for stages and installations. Its auto-start function and internal microphone allows you to use music-sensitive programs.

Its two main modes allow you to control many products, in addition to the IrLED series.

3 - Description and installation

The PARCONTROL34 is a simplified DMX controller dedicated to some CONTEST products.

Please refer to the chapter «Compatible products» or visit our website www.contest-lighting.com/en/ to find out if your projectors are compatible with this controller.

3.1 - Technical specifications

- Power supply: DC 9-12V 300mA
- Power consumption: 3,6W
- Dimensions: 270 x 170 x 60 mm
- Weight: 1.1 Kg

3.2 - Installation

The PARCONTROL34 was designed to be operated horizontally when not fixed on structures.

Please make sure the controller does not endure any force or vibration when being used in order to prevent it from falling.

In order to secure or install your controller over a non-horizontal surface, please use the fixation brackets provided for the purpose and respect the safety precautions previously detailed.

4 - Getting started

4.1 - Connections

Connect the DMX Out socket to your projector via a standard DMX3 cable.

Connect the supplied power cord to the DC Input socket. The cord must not be connected to an electrical outlet during this process.

Once connected to the PARCONTROL34, connect the other end of the cord to an electrical outlet.

4.2 - Initialisation

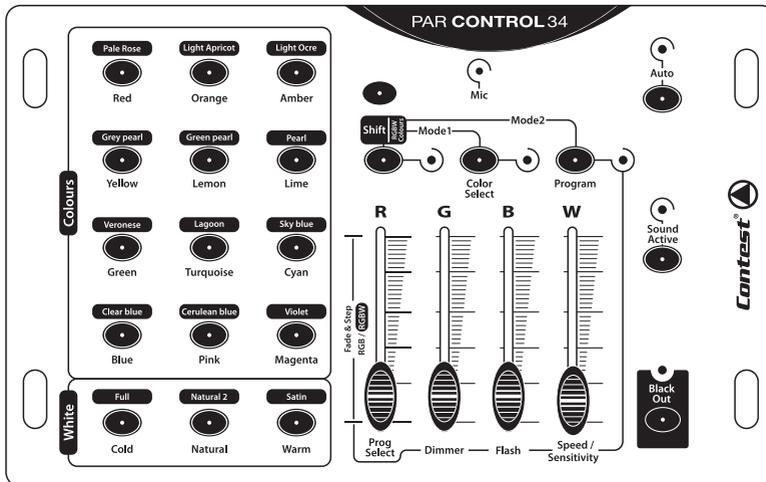
This unit does not feature any power switch, hence it is ready to go as soon as it is connected to an electrical outlet.

It does not have any automatic shutdown or sleep mode neither.

You can turn your controller on/off via wireless sockets or by using power blocks (On/Off Mode).

Do not connect this unit to a power block without On/Off mode. Any current variation or excessive intensity will severely damage your controller.

4.3 - Using your PARCONTROL34



Your compatible projector must be assigned in DMX mode, its address must be 1 to be controlled via the PARCONTROL34.

The PARCONTROL34 features 2 modes, as follows:

- Mode 1 : Red, Green, Blue, Dimmer/strobe and Blanc
- Mode 2 : Red, Green, Blue and White

To switch to mode 1, simultaneously press **SHIFT** and **COLOR SELECT**.

All LEDs will flash to confirm the success of the operation.

To switch to mode 2, simultaneously press **SHIFT** and **PROGRAM**.

All LEDs will flash to confirm the success of the operation.

In order to guarantee the compatibility of your projectors with these two modes, please make sure that:

- In mode 1, the channels of your projectors are configured as follows:

CHANNEL 1	Red
CHANNEL 2	Green
CHANNEL 3	Blue
CHANNEL 4	Dimmer/Strobe
CHANNEL 5	White

- In mode 2, the channels of your projectors are configured as follows:

CHANNEL 1	Red
CHANNEL 2	Green
CHANNEL 3	Blue
CHANNEL 4	White

A - COLOR SELECT:

The COLOR SELECT mode features two main operating modes:

Shift LED off: Your PARCONTROL34 is in pure RGB mode, giving you access to colours which name are written **below** colour buttons, for a total of 12 colours in the upper frame (COLOURS) and 3 white shades in the lower frame (WHITE).

This mode does not feature pure white as white shades are composed of R G and B colours.

Shift LED on: Your PARCONTROL34 is in RGBW mode, giving you access to colours which name are written **above** colour buttons, for a total of 12 pastel colours in the upper frame (COLOURS) and 3 shades of white in the lower frame (WHITE).

In this mode white colour is active, giving you access to pastel colours. The 3 white shades come from white LEDs to which red, green and blue accents are added.

B - PROG SELECT:

This mode gives you access to a selection of internal programs.

These programs are colour changes (direct or gradual).

- Press PROG SELECT to enter this mode.
- Use the PROG fader to switch from a program to another.
- Use the SPEED fader to adjust the program speed.
- Use the FLASH fader to make your projectors flash.

C - AUTO:

This mode allows you to browse through the controller internal programs.

- Press AUTO to enter this mode.
- Use the SPEED fader to adjust the program speed.
- Use the FLASH fader to make your projectors flash.

D - SOUND ACTIVE:

This mode operates similarly to the AUTO mode, except that the program speed is defined by the controller internal microphone.

- Press SOUND ACTIVE to enter this mode.
- Use the SPEED/SENSITIVITY fader to calibrate the internal microphone sensitivity.
- The flash function cannot be configured in this mode.

4.4 - The BLACK-OUT button

The BLACK-OUT button allows you to turn off all the projectors connected to your controller, no matter their parameters or mode used. However, your projectors remain active since this function does not affect their electrical power supply.

The BLACK-OUT LED will remain lit when this function is activated.

4.5 - Compatible products

Go on www.contest-lighting.com/en/ to find the list of CONTEST products compatible with your controller.

However, it is possible that your controller might be compatible with different projectors sharing the same DMX characteristics than CONTEST-certified projectors.

Please note that having the same characteristics as Contest products does not guarantee full compatibility with your controller.

Because CONTEST® takes the utmost care in its products to make sure you only get the best possible quality, our products are subjects to modifications without prior notice. That is why technical specifications and the products physical configuration might differ from the illustrations.

Make sure you get the latest news and updates about the CONTEST® products on www.contest-lighting.com
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