

PAR CONTROL

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.



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 been 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

Thanks for choosing the PILOT series. You are now in possession of a high-quality, powerful product able to create incredible animations for your concerts, parties, clubs etc.

The PARCONTROL is a simplified DMX controller dedicated to LED projectors.

It is easy to use, and will quickly become your RGB LED projectors' new best friend thanks to its fast accesses to many colours and functions.

This guide will help you getting familiar with the functions and possibilities offered by this device.

Please keep it within reach during the first uses.

3 - Description and installation

The PARCONTROL is a simplified DMX controller dedicated to some of the CONTEST series projectors.

Please refer to the «Compatible devices» chapter or go on www.contest-lighting.com/en/ to make sure your projectors are compatible with this product.

3.1 - Technical specifications

- Power supply: 9-12V 300 mA
- Power consumption: 3.6W
- Dimensions: 22 x 14 x 3.6 cm
- Weight: 1 Kg

3.2 - Installation

When not fixed, the PARCONTROL is designed to function horizontally. However, please make sure the controller is stable and well protected when using or storing it in order to prevent any fall.

When need to use it on a non-horizontal surface, its fixation system will stabilize it. Please always follow the safety guidelines.

4 - Using the PARCONTROL

4.1 - Connections



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

Connect the original power supply unit to the DC socket provided for the purpose.

Once the power supply unit is connected, plug the other end into an electrical outlet.

4.2 - Getting started

This device does not have any power switch.

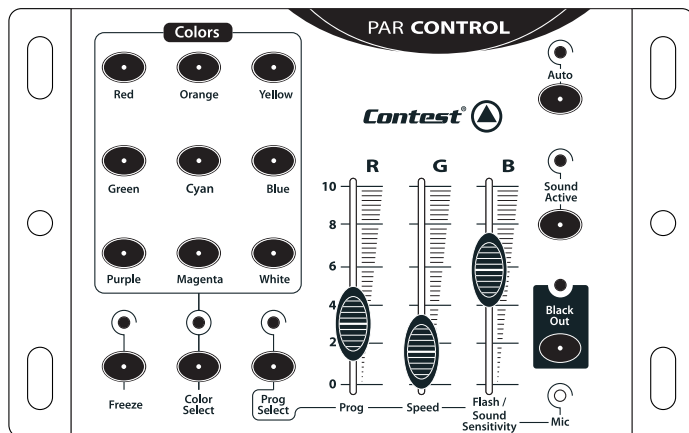
Therefore, the PARCONTROL is ready to go as soon as it is connected to an electrical outlet.

As well, it does not have any automatic shutdown or sleep mode.

This means you can turn it on or off via a remote control socket or power block (with ON/OFF mode).

Do NOT connect your device to a power block without ON/OFF mode as any power fluctuation or excessive intensity might cause severe damage to the unit.

4.3 - Using the PARCONTROL



In order to make sure your compatible projector can be operated, it must be in DMX mode, on channel 1.

The PARCONTROL uses 4 modes described below:

A - COLOR SELECT:

This mode gives you direct access to 9 colours by simply pressing the corresponding colour button.

Press the COLOR SELECT button to access this mode.

Here are the available colours:

- RED
- ORANGE
- YELLOW
- GREEN
- CYAN
- BLUE
- PURPLE
- MAGENTA

Moreover, the 3 R, G and B faders give you access to an even more important colour palette by allowing you to precisely set the intensity of red, green and blue colours.

B - PROG SELECT:

This mode allows you to access a panel of built-in programs.

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

C - AUTO:

This mode activates a sequence of all the built-in programs.

- Press the AUTO button.
- Use the SPEED fader to modify the speed.
- Use the FLASH fader to make your projectors flash.

D - SOUND ACTIVE:

This mode is similar to the AUTO mode but its speed is set via the internal microphone.

- Press the SOUND ACTIVE button.
- Use the FLASH/SOUND SENSITIVITY faders to calibrate the sensitivity of the microphone.
- The projectors flash settings are not available in this mode.

4.4 - FREEZE and BLACK-OUT buttons**A - FREEZE:**

The FREEZE button allows you to lock the current settings and thus protect your controller against unwanted settings modifications.

When activated, this button also allows you to prepare a change of mode or precise colour without impacting your current operations.

For instance:

- Select an action (mode + settings)
- Activate the FREEZE button (its LED will light on)
- Modify your settings (you can change of mode and configure this mode)

The controller keeps the program currently being used until you have not pressed the FREEZE button again.

To launch your second action, press FREEZE.

Please note: The FREEZE function also allows you to «lock» the controller on a particular function (mode + settings) before turning it off. When turned back on, the controller will automatically start with the mode and settings selected when it was last turned on. The FREEZE function will also be activated.

B - BLACK OUT:

The BLACK OUT button allows you to turn off all the projectors connected to the controller, regardless of the mode. However, the projectors remain ready to be used since this function does not switch them off.

The LED representing the BLACK OUT button is turned on while this function is activated.

Please note: When turning the controller on, the BLACK OUT mode is automatically activated. Thus, you will need to press this button again to deactivate it. The only way not to start in BLACK OUT mode is to activate the FREEZE function before turning the controller off. In this particular case, the controller will restart with the last mode used (and the last settings).

4.5 - DMX output

The PARCONTROL affects the first four DMX channel, depending on the mode:

A - Auto mode:

- The Auto function affects channels 1,2 and 3, depending on the speed selected via the Speed fader.
- Channel 4 (Dimmer) is at 100% (value: 256) when the Flash fader is lowered. When the fader is used progressively, the channel 4 will vary between 190 and 250.

B - Sound active mode:

- Channel 4 (Dimmer) is at 100% (value: 256) regardless the position of the faders.
- The Sound Active function affects channels 1, 2 and 3, depending on what the microphone detects.

C - Color select:

- Channel 4 (Dimmer) is at 100% (value: 256) regardless the position of the faders.
- The R, G and B faders command channels 1, 2 and 3 respectively.
- The colour buttons affects the first three channels.

D - Prog Select:

- The Prog Select function affects channels 1, 2 and 3 depending on the speed selected via the Speed fader.
- Channel 4 (Dimmer) is at 100% (value: 256) when the Flash fader is lowered. When the fader is used progressively, the channel 4 will vary between 190 and 250.

4.6 - Compatible devices

Go on www.contest-lighting.com/en/, the product page of the PARCONTROL will indicate the list of compatible CONTEST products.

However, your controller might also be compatible with other projectors with the same DMX characteristics as CONTEST-certified projectors. Still, having the same DMX characteristics does not guarantee a full compatibility with the PARCONTROL, which can only be ensured by using CONTEST projectors.

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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