



VigiBrio

Connected control device for X3 lights

OPERATING INSTRUCTIONS



Réf : PF10R520

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Declaration of conformity



Avertissement

Read these instructions carefully before installing, commissioning and using this product.

1. Technical specifications

Dimensions	240 x 180 x 55mm
Electricity supply	12 VAC
Floodlight output	100 W Max
Weight	3.7kg (VigiBrio + accessories)
Protection rating	IP-55
Bluetooth	Low Energy (v4.x) Conforms to the R&TTE Directive 1999/5/EC
Wifi	802.11 b/g/n and "dual band" (2.4 Ghz only) Not compatible with 5GHz WiFi networks
Power supply cable	Length of cable supplied: 1.5m supplied. Can be extended up to 10m using 2 x 2.5mm ² wire

2. Pack contents

- The VigiBrio with 1.5m of power cable
- One wall bracket + 3 anchors
- An electronic format manual (QR CODE giving access to this document)

3. Description

Conventional colour pool lights typically have two power wires and have embedded colour combinations and possibly sequences within each product. The X3 range has 3 wires and makes it possible for each RGBW component to be remotely and finely controlled centrally. Thanks to the introduction of X3 controllers this system can now be democratised and become the new standard. Indeed, this range has many advantages:

- Guaranteed lighting synchronisation
- Fine selection of a static colour (colour wheel) and backups,
- Audio modes (microphone, Lynx)

The **VigiBrio** is a control device for Brio X3-type lights controlled by WiFi and Bluetooth.

The **VigiBrio** is compatible with Vigipool and can be interconnected with other devices in the **Vigipool** range.

The **VigiBrio** is a 12VAC-powered box used to connect up to 8 MiniBrio 2 X3 (100W) lights or 4 MidBrio X3 (100W) lights.

Several boxes can be used in the same installation and each box can be linked to a zone up to a maximum of 3 zones. Each VigiBrio is linked to a zone and the lighting in each zone can be customised independently using the Vigipool app

Thanks to the Vigipool app, the colour can be selected and saved, or a pre-programmed lighting sequence can be selected.

4. Compatible with the VigiPool environment

The VigiBrio is compatible with all the devices in the VigiPool environment. The VigiPool environment gathers together many interconnected water treatment and maintenance appliances that can be controlled by a single application: VigiPool.

The appliances exchange the different measurement data and their actions with each other using a wireless proprietary connection between the appliances. Different appliances are available (electric filtration box, LED control, pH regulation, connected pH / ORP analyser, remote touch display, etc.).



4.1. Bluetooth® and Wifi control

The VigiBrio has an embedded Bluetooth® and Wifi transmitter used to control your device from a smartphone or tablet. To be able to control the VigiBrio, you need an iOS (Apple®) or Android smartphone or tablet running Bluetooth® Low Energy (v4.x) or Wifi 802.11 b/n/g. Other operating systems (Windows Phone®,...) or devices not running the above-mentioned pre-requisites are not supported.

For a Wifi connection, the local Wifi details (SSID and password) need to be entered and a VigiPool account created to connect your VigiBrio to the Wifi router and control your Meteor2 using the local Wifi and remotely. (see attached specific "VigiPool World" leaflet)



Tip

With Bluetooth, only one telephone / tablet can be connected to the control box at a time. To connect from another device first disconnect the device which is already connected.

The software embedded in the appliance can be updated automatically. To do this, it must be connected to WiFi or to another VigiPool appliance that is itself connected to WiFi. If you only use the appliance with Bluetooth, you can create an access point from your phone to temporarily connect the appliance and update its software if necessary.

5. Installation

5.1. Wall mounted installation

The VigiBrio

- can be installed outdoors, but it must be sheltered from rain, cleaning or watering spray, and UVs (sunlight).
- is spray resistant *but must not be installed in a floodable area.*
- must be placed on a level and stable support and fixed to the wall using the wall mount and the supplied anchors and screws:



Tip

Installing it outside the technical room can improve WiFi connectivity if the WiFi source is a long way from it.

5.2. Connectors and wiring

Vigibrio-compatible light

X3 lights are manufactured with a 3-wire cable for easier connection! DMX /PWM / KNX lights are usually supplied with 6 wires. We have developed a gateway that combines the signal for the 3 primary colours and white in a single wire. This saves you time as connecting the lights is simpler.



Vigibrio power supply

1. - VigiBrio 12VAC power supply
2. - 1.5m pre-wired cable supplied

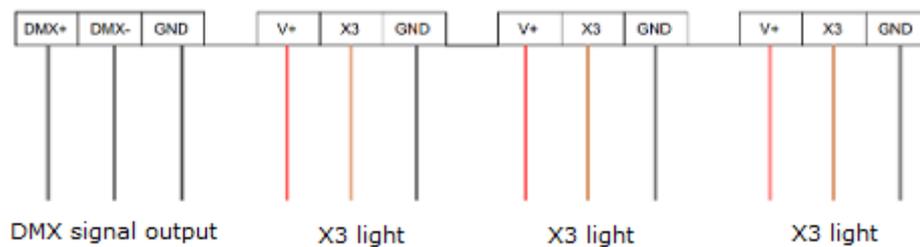


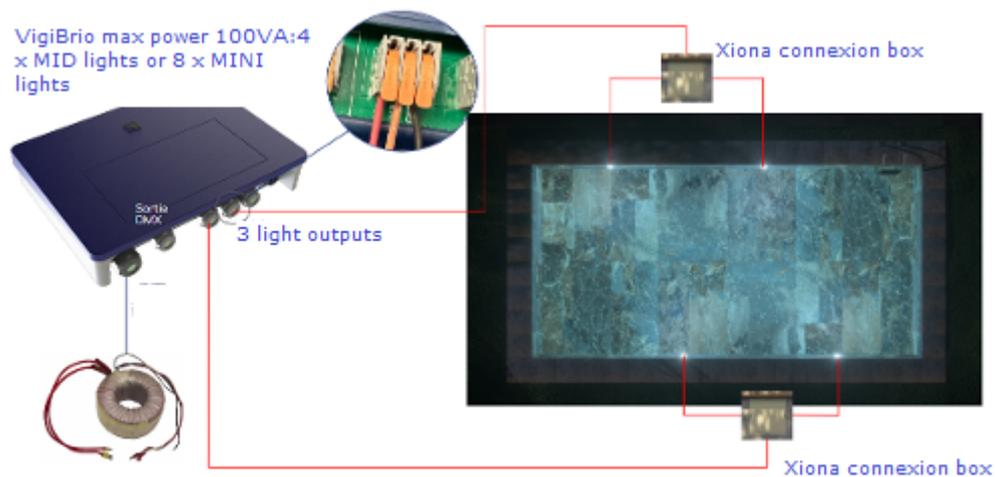
Warning

Connector and connection description

The maximum power that can be controlled by the VigiBrio is 100W. If you have a lighting project that exceeds 100W in total power for the lights, contact your sales representative.

Up to 8 MiniBrio 2 X3 lights or 4 MidBrio X3 lights can be connected per VigiBrio





6. Start up

6.1. Powering on

The system starts up as soon as the power supply is switched on.

On start up, the multicoloured indicator (A) on the front flashes while the device starts up.

When you first start up the VigiBrio you must to choose its running mode: "Central unit" or "Client" (for example: if you already have VigiPool devices in your technical room).

When you launch the VigiPool app, it will recognise the VigiBrio and suggest that you connect to it (using Bluetooth while the Wi-Fi configuration is not complete).

Once you are connected, you can:

- Turn on your lights
- Select the required colour
- Program automatic lighting time slots

6.2. Choice of the "central unit" device VigiPool



Tip

Refer to the attached "VigiPool world" document for more information

At the end of the initialisation phase (Blue - White - Red sequence), the multicolour LED (A) flashes white. This corresponds to the choice of the device that will provide the Vigipool "central unit" function (see attached specific "Vigipool world document):

- If the installation only has this device, press the selection button (A). The device is then configured as a "central unit" and other devices can be added to the installation later.
- If the installation has several Vigipool World compatible devices Vigipool
 - And if a device is already configured as a Vigipool "central unit", press the button on the Vigipool "central unit" if it has been powered on for more than 5 minutes. (If it has been powered on for less than 5 minutes there is no need to press its button). Your VigiBrio then connects to the Vigipool "central unit": it stops flashing white and switches to normal operation mode.
 - If no other device is already configured as a Vigipool "central unit", turn on all the devices and press the button on the device you want to use as a Vigipool "central unit". The other products will then connect to the device you have validated as the Vigipool "central unit", they stop flashing white and switch to normal operation mode.



Tip

If you want to change the Vigipool "central unit" device, the system must be reset (see "Resetting to zero")

6.3. iOS / Android applications

To download the Vigipool app [click here](#) or scan the QR CODE below. You can also search for Vigipool using the App Store and Play Store search engines:



6.3.1. Bluetooth® pairing (if the VigiBrio is a "Central unit")

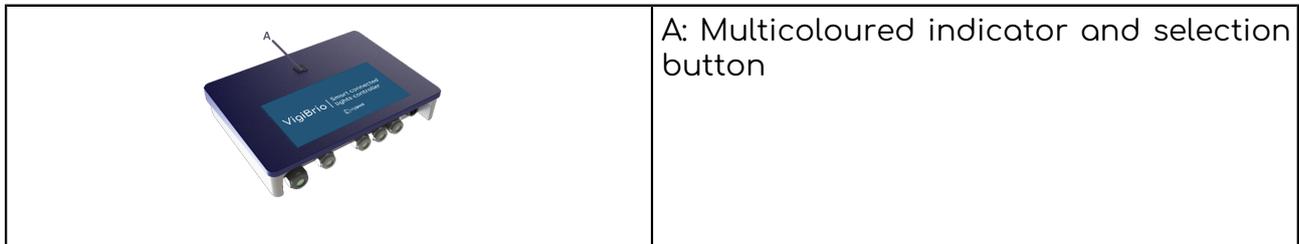


Table 1. VigiBrio button

On the first connection (using Bluetooth), after having selected your device from the list, to pair your smartphone with the Vigiwatt box, approach the smartphone until it contacts the device, or press button (A) on it once **when the app prompts you to do so** and indicator (A) flashes blue quickly.

6.4. Adding new devices VigiPool

If the VigiBrio is configured as a "central unit" and you want to add other VigiPool compatible equipment to your installation, the VigiBrio must accept new equipment. There are two possibilities to do that:

- During the first 5 minutes following power up, the VigiBrio configured in "Central unit" mode will accept new equipment,
- Press button (A) on the VigiBrio.



Tip

When the VigiBrio is ready to accept new equipment, multi-coloured indicator (A) flashes green.

6.4.1. Installing several VigiBrio

- Each VigiBrio is installed independently, so each VigiBrio is linked to a lighting zone.

7. Thermal protection

7.1. Thermal circuit breaker



If the current is too high, the thermal circuit breaker will trip. Check the light installation before pressing the circuit breaker to reset it.



Warning

The light power connected to a VigiBrio box must be less than 100 W.

8. Multicolour indicator

Slow blue flashing	Pairing request from a smartphone
Steady blue	A smartphone is connected to the VigiBrio using Bluetooth.
Flashing blue (fast)	Bluetooth pairing in progress.
Red / Green flashing alternately	If the VigiBrio is configured as a VigiPool "Central unit": Cannot connect to WiFi. Check the entered information and/ or the WiFi network coverage. Otherwise: Connection to the VigiPool "Central unit" impossible.
Steady green	Connected to Wifi (or connected to the "Central unit")
Flashing purple	Firmware update
Flashing red	Temperature alert: The VigiBrio temperature is high (>70°)

	<p>The alert is lifted when the T° drops back to below 50°C</p> <p>NB: the T° at start-up must also be below 50°C</p>
Blue - White - Red sequence	Device start-up sequence: This sequence is run at power-up.

Table 2. Depending on its status, multi-coloured indicator A can have different meanings:

9. Colour selection

2 Color Pickers are available in the VigiBrio app. 9 predefined colours are present by default in the saved colours. Up to 20 can be added (users cannot delete the first 4). The lighting brightness level can also be adjusted.

Sequences

The list of sequences is not directly included in the app which allows us to change it and add 'event' sequences without having to update the app! For sequences, the speed at which they scroll, as well as the light intensity can be adjusted.

Programming

You can configure your VigiBrio to automate lighting times. 2 programmes available (e.g. weekdays + weekends). Select a start time and duration for each time slot.

Furthermore, the app can be used to select "twilight" switch on based on the time and geographical position, as well as "daybreak" shut down. A different colour can be selected for each lighting zone (from the favourite colours)

DMX output

This mode is used by the VigiBrio to control third-party lights in DMX mode (DMX Master mode). To do that, simply connect the DMX light cable to the DMX connector on the VigiBrio box, then configure the corresponding DMX channels using the VigiBrio app.

10. Reset to zero

It may be necessary to reset to zero to return the VigiBrio to factory settings.

To do this:

1. Power off the device (switch on the front of the Meteor2) and wait for about ten seconds,
2. Press selection button (A) and keep it pressed,
3. Power on the appliance while keeping the button pressed,
4. Wait for multicolour indicator (A) to flash fast in red,
5. Release the button. **All parameters are reset to factory settings.**



Warning

Carrying out a reset will erase all parameters in memory (WiFi configuration, pairing of phones and other VigiPool World appliances, etc.). The start up procedure must therefore be rerun after a reset.

CCEI declares that the product meets the safety and electromagnetic compatibility requirements of European directives electromagnetic compatibility requirements of European Directives 2014/35/EU and 2014/30/EU EU and the Radio Equipment Directive 2014/53/EU.



Emmanuel Baret
Marseille, on 04/07/2024

Distributor's stamp

Date of sale: *Batch N°:*