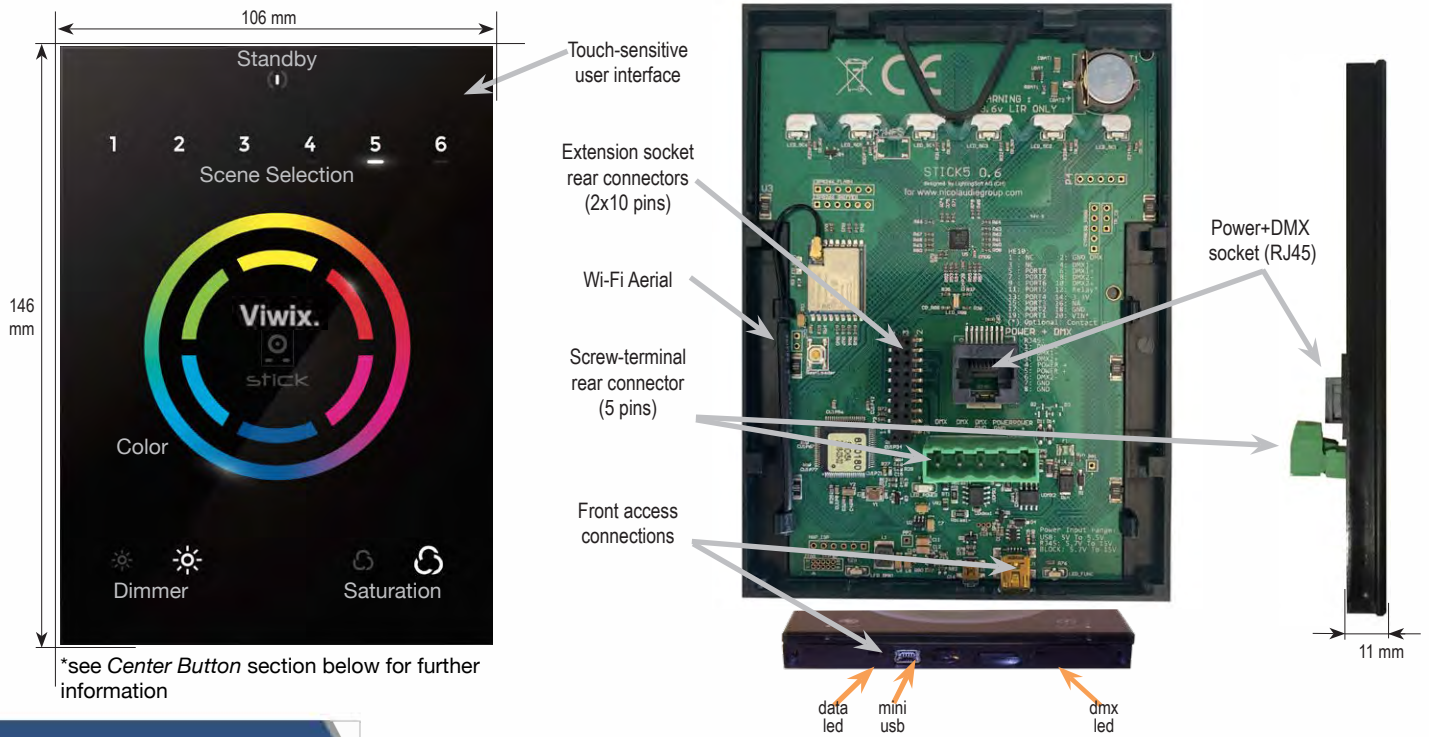


CONNECTIONS & HARDWARE OPERATION



*see Center Button section below for further information

CENTER BUTTON

There are several operation modes for the button in the center of the palette. These can be set within the Hardware Manager.

Reset color: the color set on the wheel will be cleared and the default scene will be restored.

Play next scene: the currently selected scene will stop and the next scene will play.

Select next bank: If more than 6 scenes are stored, you can select a scene on another scene bank. 1) press the center button one or more times to select a scene bank number. The selected bank will flash. 2) Quickly, press a scene number to select a scene from the selected bank. If no scene is selected, it will continue playing the original scene.

Toggle wheel color/scene mode: the wheel can be used to select a color or a scene, depending on the mode. Tapping the button will toggle between scene selection and color selection mode. The center LED will blink when the wheel is set to scene mode.

Disable button: the button will have no function.

OTHER SETTINGS

There are several other settings which are available within the Hardware Manager.

MISCELLANEOUS:

Name: a custom name for the controller, useful if you have several controllers connected.

PARAMETERS:

Color/Dimmer: determines whether the color/dimmer will be reset when a new scene is recalled and whether color/dimmer changes are stored globally, or per scene.

RE-SELECT SCENE: determines what happens when a playing scene is re-selected.

Reset color: clear any color changes and reset to the scene's color values.

Reset dimmer: clear any dimmer changes and reset to the dimmer values of the scene.

Reset saturation: clear any saturation changes and reset to the saturation values of the scene.

STARTING MODE (L): change the language of the text which appears on the screen.

RE-SELECT SCENE: settings related to the LEDs on the controller.

Scene LED light level: sets the brightness of the LEDs.

RGB LED enable (Live Ch. 1-3): when enabled, the RGB LED in the center of the wheel will change color depending on the live DMX output of channels 1-3. Only active in live mode (i.e. when connected to software)

RGB LED enable (standalone): enabled and disables the RGB LED in the center of the wheel.

SERVICEABLE PARTS

- Battery - used to store the clock/calendar
- DMX Chips - used to drive the DMX (see p2)

*To replace the Li-Ion rechargeable battery:

1. You need a rechargeable 3.6v LIR 1220 replacement battery
2. Remove the back panel by pulling down and sliding it out
3. Gently pull the battery release wire and the battery will pop out

SETTING UP THE CONTROLLER

PROGRAMMING THE CONTROLLER

The DMX controller can be programmed from a PC or Mac using the software available on our website. Refer to the corresponding software manual for more information which is also available on our website. The firmware can be updated using the Hardware Manager which is included with the programming software.

ESA2 Software (Windows/Mac)

<http://www.nicolaudie.com/esa2.htm>

Network Control

The controller can be connected directly from a computer/ smartphone/tablet (Access Point Mode), or can be connected to an existing local network (Station Mode). The controller is set to work in Access Point (AP) Mode by default.

- In AP Mode, the default network name is Smart DMX Interface XXXXXX where X is the serial number. The default password is 00000000 (8 zeros).
- To connect using Station Mode, use HardwareManager to set the Wifi settings to Station or Dual mode. Then connect your controller to your network by selecting your Wifi router from the Network List. The controller is set, by default, to get an IP address from the router via DHCP. If the network is not working with DHCP, a manual IP address and subnet mask can be set on the Ethernet options screen. If the network has a firewall enabled, allow port 2430.

iPhone/iPad/Android Control

Easy Remote Pro (iPad/iPhone. Android coming soon)

Create an entirely customized remote control interface for your tablet or smartphone. Easy Remote Pro is a powerful and intuitive app, allowing you to add buttons, faders, color wheels and more. Connect to a Wi-Fi network and the app will find all compatible devices on the local network. Available for iOS and Android.

Lightpad

Designed to work seamlessly with the controller, Lightpad provides an easy way to control your lights over a local Wi-Fi network. Connect and you will see a representation of your controller on the screen. Use the on-screen controls as you would the controller in real life.

TROUBLESHOOTING

All 7 LED's on the controller are blinking

The controller is in bootloader mode. This is a special 'startup mode' which is run before the main firmware loads.

- Check that there is nothing metallic touching the back of the controller
- Try re-writing the firmware with the latest Hardware Manager software

Contact us if you see the following errors

Center LED Red, cycling pattern on 6 LEDs - Error1
Center LED Green, cycling pattern on 6 LEDs - Error2
Center LED Blue, cycling pattern on 6 LEDs - Error3

The controller is not detected by the computer

- Be sure the latest software version is installed (use the beta, if available)
- Connect by USB and open the Hardware Manager (found in the software directory). If it is detected, try to update the firmware
- Try another USB cable, port and computer
- Bootloader Mode
Sometimes the firmware update may fail and the device may not be recognised by the computer. Starting the controller in 'Bootloader' mode forces to the controller to start at a lower level and, in some cases, allows the controller to be detected and the firmware to be written. To force a firmware update in Bootloader Mode :

1. Power off your interface
2. Start HardwareManager on your computer
3. Press and hold the button on the back of the circuit board labelled BootLoader and connect the USB cable at the same time. If successful, your interface will appear in HardwareManager with the suffix _BL.
4. Update your firmware

The 6 scene LED's are blinking

No showfile has been detected on the controller.

- Download the latest software
- Update to the latest firmware using the included Hardware Manager
- Try re-writing the show file

The lights are not responding

- Check the DMX +, - and GND are connected correctly
- Check that the driver or lighting fixture is in DMX mode
- Be sure that the DMX address has been set correctly
- Check there are no more than 32 devices in the chain
- Check that the DMX LED is flickering to the right of the SD card
- Connect with the computer and open Hardware Manager (found in the software directory). Open the DMX Input/Output tab and move the faders. If your fixtures respond here, it is possibly a problem with the show file

Trouble connecting over a network

- Try disabling any firewalls on your computer (e.g. Windows Firewall)
- Update firmware using the latest HardwareManager from our website
- Allow port 2430 on your network
- Check controller is connected to the same Wi-Fi network
- Close / kill all other dmx software / apps
- Check that you are not connecting to STICK through a VPN. VPNs are not compatible with our network discovery process

Calendar trigger problems

- If scenes are not triggering or are doing so at the incorrect time, check the time stored on the controller using HardwareManager > Clock
- If the controller forgets the time set, replace the battery (see pg2)
- If scenes start triggering 1 hour early/late, check Clock > DST settings
- Sunlite / Sunrise triggers not matching the real world? Check the controller is set to the correct location. Default is Montpellier, France.