Stitchy 1 channel & 5 channel

ML-ST-1CH & ML-ST-5CH

M-ELEC
ILLUMINATED BY DESIGN

12-36VDC Single colour & Multi colour Stitchy receiver ZigBee enabled modules

📄 Product code/Category

ML-ST-1CH & ML-ST-5CH/Stitchy smart devices

ℹ️ Product information

Complementing the Stitchy range of products is the 1 & 5 channel strip controllers. Easily voice control your LED strips to dim up and down with the 1 channel controller or your multi colour strip with the 5 channel module all through Alexa, HomeKit, Google Home or utilising their APP. With smooth dimming and easy to setup, this range of controllers leads the way in LED strip home automation.

3 year warranty

ℹ️ Technical information

ML-ST-1CH

Input Voltage	Output Current	Output Power	Remarks	Size (LxWxH)
12-36VDC	1x8A	1x(96-288W)	Constant voltage	100x38x21mm

ML-ST-5CH

Input Voltage	Output Current	Output Power	Remarks	Size (LxWxH)
12-36VDC	5x5A	5x(60-180W)	Constant voltage	170x59x28.5mm

IMPORTANT:
• DO NOT install with power applied to device.
• DO NOT expose the device to moisture
• Wire according to connection diagram correctly.
• This ZigBee device is a wireless receiver that communicates with a variety of ZigBee compatible systems. It receives and is controlled by wireless radio signals from the compatible ZigBee system

ℹ️ Features & Benefits

- *Alexa, Google home and Apple HomeKit compatible**
- *Simple to commission*
- ZigBee device based on latest ZigBee 3.0 protocol
- Enables control to turn lights ON/OFF and light intensity of connected LED lights (1CH) and colour temperature, RGB colour of connected RGB+CCT LED lights (5CH)
- Can directly pair to a compatible ZigBee remote
- Supports self-forming ZigBee network without coordinator
- Supports find and bind mode to bind a ZigBee remote
- Supports ZigBee remotes and can bind max. 20 ZigBee remotes
- Compatible with universal ZigBee gateway products
- IP20 rated

*Stitchy uses Hue Hub to make connections to any device that does not have a suitable ZigBee controller built in
NB: All information provided is subject to change

Stitchy 1 channel & 5 channel

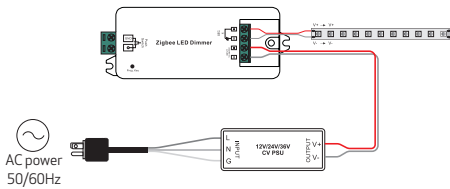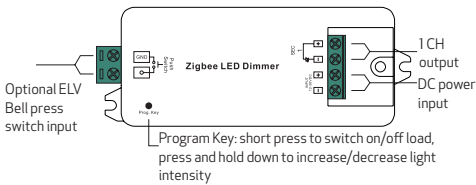## ML-ST-1CH & ML-ST-5CH

📄 Pairing through Hue Hub or similar Zigbee enabled hub

1. Ensure the device is not connected to another Zigbee network (Please refer to Factory reset below)
2. Using your hub interface search for a new device
3. When your ST-1CH is found by the hub it will flash 5 times and then stay on. It will then display in your Hub's list of new products
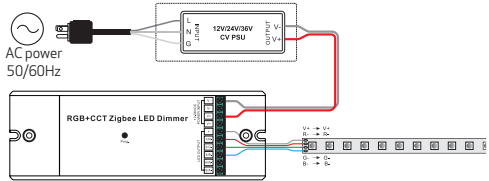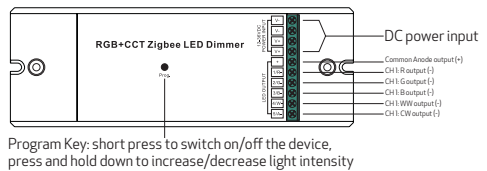4. Rename your device to an appropriate name and include it in zones/rooms if suitable

For videos and more scan QR code right or visit melec.com.au/stitchy

ML-ST-1CH

Optional ELV Bell press switch input

1 CH output

DC power input

Program Key: short press to switch on/off load, press and hold down to increase/decrease light intensity

AC power 50/60Hz

ML-ST-5CH

DC power input

Common Anode output (+)
CH1: R output (-)
CH1: G output (-)
CH1: B output (-)
CH1: WW output (-)
CH1: CW output (-)

Program Key: short press to switch on/off the device, press and hold down to increase/decrease light intensity

AC power 50/60Hz

📄 Factory reset

Factory Reset – Manual

1. Press "PROG" button 5 times or re-power ON the device 5 times if the PROG button is not accessible
2. The connected light will blink 3 times to indicate a successful reset. Note: 1) If the device is already at factory default setting, the connected light will flash once if reset again. 2) All configuration parameters will be reset after the device is reset or removed from the network.

Removing a device from a ZigBee network through ZigBee controller or Hub Interface

3. If you have not already done so, go into your hub interface (such as Hue, Alexa or Google Home) and remove the device from the list.

📄 Connecting a remote to the controller

1. Press the "PROG" Button 4 times (or re-power the device 4 times) to enable synchronisation mode for a remote. The light should flash twice to prove the mode.
2. Simply touch the zone button on the remote and then any other button to synchronise the remote with the controller.

NOTE: A maximum of 20 remotes can be added to one controller

MUST BE INSTALLED BY LICENSED ELECTRICIAN

- All components must not be mechanically stressed.
- Be careful not to damage or destroy conducting paths on the circuit board.
- Follow all relevant electrical and safety standards (including AS3000) – only qualified personnel should be allowed to perform installations.
- Damage by corrosion will not be honoured as a material defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture, condensation and other harmful elements.
- If these regulations are not followed warranty will be void and all issues are the responsibility of the installer.
- M-Elec still recommends that an air gap is left around driver and light to ensure the maximum life span of the product is achieved.

For further information please visit www.melec.com.au

M-ELEC TRANSFORMERS/DRIVERS

M-Elec provides warranty against defects of **M-Elec drivers** on the following terms and conditions. Please refer to the M-Elec website (below) for information on the warranty period of each product.

The driver must be properly installed by a qualified electrician and in accordance with our installation guidelines and any relevant codes and standards.

The warranty does not apply to M-Elec drivers that fail as a result of neglect, mistake, misuse, alteration, exposure to the elements, or that is improperly installed and implemented. This includes but is not limited to: improper wiring, installation under improper and non-approved operating environments such as temperature, humidity, corrosion or voltage conditions; improper installation using components that are not approved or are not M-Elec manufactured products.

It is the responsibility of the purchaser to obtain all necessary approvals and to understand the products intended use and all relevant instructions, recommendations and guidelines for the proper installation and use of any M-Elec driver product and related 'manufactured products' used in conjunction with same.

M-Elec is not liable for the accuracy and completeness of any statements, technical information and recommendations in any form of product literature or instructions are not guaranteed and are not part of this warranty and does not in any way constitute a warranty. The purchaser is solely responsible for determining suitability of the M-Elec drivers for installation and full implementation must determine potential applications and installations independently.

To make a claim on this warranty, you must do so within the warranty period (from place of purchase) please read our returns policy for further information (https://melec.com.au/returns-policy/) and deliver the driver to M-Elec (at your cost) at the address listed on website. We will assess the warranty claim and if we grant the warranty claim, we will replace the product or refund your money, at our election.

M-Elec is not responsible or liable for any injuries, damages, or death caused by the use, misuse or failure of products purchased from us. This warranty is in addition to any other rights the consumer may have under the Australian Consumer Law.

M-ELEC LED PRODUCTS - OTHER

Please refer to the M-Elec website (melec.com.au) for information on the warranty period of each product. Each of our LED product warranties is separate and subject to the following terms and conditions:

M-Elec products must be properly installed by a qualified electrician and in accordance with any relevant guidelines, codes and standards. This includes wiring and connection to proper approved components and product working environments.

This warranty is void and does not apply to products that fail as a result of neglect, mistake misuse, alteration, or that is improperly installed and implemented. This includes but is not limited to: improper wiring, installation under improper and non-approved

operating environments such as temperature, humidity, corrosion or voltage conditions; improper installation using components that are not approved or are not M-Elec manufactured products.

It is the responsibility of the purchaser to obtain all necessary approvals and to understand the products intended use and all relevant instructions, recommendations and guidelines for the proper installation and use of any M-Elec products and related 'manufactured products' used in conjunction with same.

M-Elec is not liable for the accuracy and completeness of any statements, technical information and recommendations in any form of product literature or instructions are not guaranteed and are not part of this warranty and does not in any way constitute a warranty. The purchaser is solely responsible for determining suitability of the M-Elec LED products for installation and full implementation must determine potential applications and installations independently.

The LED product warranties do not cover LEDs that continue to light, but exhibit varying/differing forward voltage drops, light output, or colour/wavelength.

Warranty is void if LEDs are cut in any way (outside of LED strip instructions) or damaged by neglect.

Warranty is void if products have been altered, opened/modified in any way that is outside the bounds of normal electrical work. **Please note:** This does not include removing or hard wiring downlight drivers or the hard wiring of a flex on an M-Elec flood light.

To make a claim on any of M-Elec's products, you must do so within the warranty period (from place of purchase) please read our returns policy for further information (https://melec.com.au/returns-policy/) and deliver the product to M-Elec (at your cost) at the address listed online. M-Elec will assess the warranty claim by conducting electrical tests, making sure the contacts still exist on the LED and visual and microscopic inspection to make sure there is no visible physical damage. If M-Elec grants the warranty claim, we will replace the product or refund your money, at our election.

M-Elec is not responsible or liable for any injuries, damages, or death caused by the use, misuse or failure of products purchased from us. This warranty is in addition to any other rights the consumer may have under the Australian Consumer Law.

To the fullest extent permitted by law, no warranties other than those described above are given in respect of M-Elec products. M-Elec's liability is limited, to the fullest extent permitted by law, to the refund or replacement of the M-Elec products. We expressly do not warrant that an M-Elec product will last any particular length of time nor guarantee is made as to fitness to a particular application, since we have no control of the electrical supply or circuits you are using to drive the LEDs.

M-Elec goods come with guarantees that cannot be excluded under the Australian Consumer Law.

Please read our returns policy procedure for further information on M-Elec website melec.com.au or request it via phone 1300 222 445 from our customer care consultants.

Due to our policy of continuous product improvement, we reserve the right to discontinue or update product specifications or designs at any time without notice. Please visit www.melec.com.au for the latest information on our products