

**IMPORTANT:** IN THE INTEREST OF PRODUCT PERFORMANCE AND SAFETY PLEASE READ THESE INSTALLATION AND WARRANTY INSTRUCTIONS BEFORE INSTALLING THE PRODUCT.



SAL products are designed in accordance with all mandatory International and Australian Standards, which require installation in accordance with AS/NZS3000 by a qualified installer and regular cleaning and maintenance of the equipment. Products are sold in accordance with the following instructions and SAL standard terms and conditions of sale, available via [www.sal.net.au](http://www.sal.net.au).

Due to continued product and information updates, product data sourced from [sal.net.au](http://sal.net.au) shall not form part of any contract and or technical performance guarantee unless expressly confirmed in writing by SAL at the time of order.

**PIXIE MULTIFUNCTION ROTARY CONTROL** electrical and installation specification effective 15/11/2021.

Model No.	Input (V)/(Hz)	Min / Max loads(A)	Colour	Dimension L x W x H (mm)	Wireless
SMFR/BTAS	240/50	NA	Blue	54 x 24 x 24	Bluetooth Mesh Technology

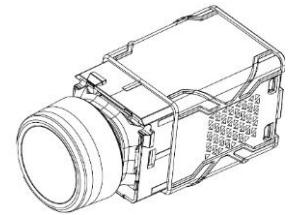
Nominal frequency (Hz)	50	Product installation orientation	Horizontal wall mount
Operating ambient min/max (°C)	0 to 40	Product application	Interior residential or commercial
Operating humidity	10% to 85% RH, NC	PIXIE connectivity	Yes
Storage ambient limit (°C)	0 to 40	IP rating*	20
Storage humidity	10% to 85% RH, NC	Attachment type	N/A
IP rating for interior products: The designated IP rating is "from below the ceiling" unless otherwise specified.			
IP rating ALL products: Termination of the product must be made in accordance with the IP rating.			

**Brief Description:**

The PIXIE Multifunction Rotary Control comes with a dial to enhance the interaction in the PIXIE smart home control. It's a secondary device in PIXIE system, and can pair with a PIXIE master device, a group, or scenes to achieve intuitive remote control.

**Features:**

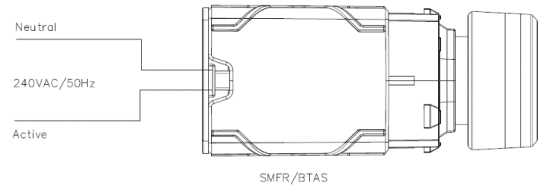
1. An advanced multifunction control device in PIXIE system
2. Need active and neutral wire only
3. Rotary dial for intuitive interactions
4. Fits into most Australian wall plates, max. 6 gang installation
5. Complementary long neck dial for other wall plates like PIXIE Ambience wall plates
6. Can pair and control every PIXIE master device
7. Can pair and control up to 2 scenes in PIXIE app
8. Can pair and control up to 6 scenes in PIXIE PLUS app



**Specific installation procedures** (if any):

Installation guide

1. Switch off the mains power
2. Wire it with active and neutral according to the cable color and wiring diagram. Blue cable for neutral, red cable for active.
3. Energize the product
4. Pair it with a master device, a group, or scenes
5. Start to use



**Operations**

LED Indicator

- The color of LED indicator is blue.
- The LED indicator is low light blue when standby
- The LED indicator flashes to highlight blue when the dial is pressed once
- The LED indicator keeps highlight blue when the dial is pressed and hold, or rotated

**DIAL operation**

General operation			
Device operations	Function Description	LED Indicator	Remark
4 clicks	Enter pairing mode, to finalise the pairing process with a PIXIE master device, a group or a scene	Quickly flash in blue for 10 seconds	Can pair with a PIXIE master device, a group or a scene. After a successful pairing, pairing mode will end. Pressing any button on this product during pairing mode will cancel and exit pairing mode.
7 Clicks	Turn on/off the standby LED indicator	-	Can toggle LED indicator on/off at standby mode
9 clicks	Reset the product to factory default	Flash in blue for 3 seconds	All the previous pairing will lost after reset

DIAL operation continued ...

Operations when paired with dimmable master products			
Paired Device Operations	PIXIE Smart Dimmer	PIXIE Smart RGB Strip, RGB Strip Controller	PIXIE Smart Single Color Strip, Single Color Strip Controller
<b>1 Click</b>	Turn ON/OFF. When turning the light on, it will work on the last used brightness setting	Turn ON/OFF. When turning the light on, it will work on the last used brightness setting.	Turn ON/OFF. When turning the light on, it will work on the last used brightness setting.
<b>2 Clicks</b>	Shortcut to the maximum brightness	Shortcut to the maximum brightness	Shortcut to the maximum brightness
<b>3 Clicks</b>	Switch to the next color temperature, which circulates in Warm White->Cool White->Daylight. For S9842 downlight only.	Switch to the next color. Color circulates in White->Red->Green->Blue.	NA
<b>Long Press</b>	When the light is on, long press the button to dim up or down, release the button to stop. When the light is off, long press the button to turn on the light at minimum brightness and increase brightness, release the button to stop.	When the light is on, long press the button to dim up or down, release the button to stop. When the light is off, long press the button to turn on the light at minimum brightness and increase brightness, release the button to stop.	When the light is on, long press the button to dim up or down, release the button to stop. When the light is off, long press the button to turn on the light at minimum brightness and increase brightness, release the button to stop.
<b>Rotate</b>	When the light is on, rotate the dial clockwise to dim up, anticlockwise to dim down When the light is off, rotate the dial clockwise to turn on the light at minimum brightness and increase brightness	When the light is on, rotate the dial clockwise to dim up, anticlockwise to dim down When the light is off, rotate the dial clockwise to turn on the light at minimum brightness and increase brightness	When the light is on, rotate the dial clockwise to dim up, anticlockwise to dim down When the light is off, rotate the dial clockwise to turn on the light at minimum brightness and increase brightness

Operations when paired with scenes		
Operations	Result	Remark
<b>1 Click</b>	Activate Scene 1	Available in both PIXIE and PIXIE PLUS App
<b>2 Clicks</b>	Activate Scene 2	Available in both PIXIE and PIXIE PLUS App
<b>Rotate clockwise</b>	Activate Scene 3	Available with PIXIE PLUS App only, gateway is required
<b>Rotate anticlockwise</b>	Activate Scene 4	Available with PIXIE PLUS App only, gateway is required
<b>Press, hold and rotate clockwise</b>	Activate Scene 5	Available with PIXIE PLUS App only, gateway is required
<b>Press, hold and rotate anticlockwise</b>	Activate Scene 6	Available with PIXIE PLUS App only, gateway is required

Operations when paired with a group		
Operations	Result	Remark
<b>1 Click</b>	Turn ON/OFF the Group	NA
<b>2 Clicks</b>	Shortcut to the maximum brightness	Dimmable product group only
<b>3 Clicks</b>	Switch colour/colour temperature	Subject to the product group functionality
<b>Long press</b>	Group dimming	Dimmable product group only
<b>Rotate clockwise</b>	Group dimming up	Dimmable product group only
<b>Rotate anticlockwise</b>	Group dimming down	Dimmable product group only

## Pairing Instructions

### How to pair with a PIXIE master device – without phone

1. Make sure the PIXIE master device enters pairing mode. For most PIXIE master devices, quickly press the button 4 times will make it into pairing mode. For PIXIE smart strip kits, long press the “Power button” on the remote will let it enter pairing mode.
2. Quickly press the dial of PIXIE Multifunction Remote Control 4 times within 30 seconds, when the LED indicator flashes twice and keeps solid for 2 seconds, the pairing is successful

### How to pair with a PIXIE master device – with phone (Recommended)

3. Make sure the PIXIE master device is added into the App, either PIXIE or PIXIE PLUS
4. Stand close to the PIXIE Multifunction Rotary Control
5. Launch the App, navigate to “Devices”, then find the PIXIE master device that needs to be paired, go to device detail page by pressing its icon
6. Tap top right three dots, then tap “Pairing” in the pop-out list
7. Quickly press the dial of PIXIE Multifunction Remote Control 4 times within 30 seconds, when the LED indicator flashes twice and keeps solid for 2 seconds, the pairing is successful.

### How to pair with a group – with phone only

8. Stand close to the PIXIE Multifunction Remote Control
9. Launch the App, navigate to “Group”, then select the group that needs to be paired, go to group detail page by pressing its icon
10. Tap top right three dots, then tap “Pairing” in the pop-out list
11. Quickly press the dial of PIXIE Multifunction Control 4 times within 30 seconds, when the LED indicator flashes twice and keeps solid for 2 seconds, the pairing is successful

### How to pair with a scene – with phone only

12. Stand close to the PIXIE Multifunction Rotary Control
13. Launch the App, navigate to “Scene”, tap top right three dots, then tap “Pairing” in the pop-out list, follow the guide in the app and select the preferred scenes, then press “Confirm and Start Pairing” to start pairing
14. Quickly press the dial of PIXIE Multifunction Rotary Control 4 times within 30 seconds, when the LED indicator flashes twice and keeps solid for 2 seconds, the pairing is successful

## Trouble Shooting

Case Issue	Suggestions
<b>The LED indicator doesn't light up</b>	-Please check the wiring and make sure the wiring is correct -Press the button 7 times see if the standby LED indicator was turned off
<b>The LED indicator flashes after quickly pressing the button 4 times, but it doesn't pair, and finally times out</b>	-Please check if the PIXIE Multifunction Rotary Control is within the wireless signal range of the PIXIE master device -Make sure there is at least the PIXIE master device is in pairing mode prior to pressing the dial of PIXIE Multifunction Rotary Control 4 times
<b>The LED indicator shows it's paired successfully, but it doesn't control</b>	-Make sure the PIXIE Multifunction Rotary Control is within wireless signal coverage of the paired PIXIE master devices (within 15 meters in open space, may require closer proximity depending on installation environment) -if it has to be beyond wireless coverage, please deploy PIXIE signal boosters between PIXIE Multifunction Rotary Control and PIXIE master devices

- Scan QR code or go to App store (IOS) or Google Play (Android) to download the free PIXIE app to your smart phone. IOS: Requires IOS
- 6.0 or later. Compatible with iPhone, iPad and iPad touch Android: Requires Android 4.4 or above, devices must support Bluetooth 4.0
- Specifications above are for reference only and may vary without prior notice



### General product application requirements (if applicable):

- 1. Recycling** – SAL encourages recycling, please consider the environment when disposing of packaging, batteries & components.
- 2. Switching or test intervals** – For optimum product performance, good design practice does not encourage 24/7 operation of lighting products without the provision of a routine switching or regulatory test cycle. As a guide for continual operation installations, a twelve (12) hour duration for Industrial and Commercial applications and a six (6) hour duration for Residential applications should be considered.
- 3. Product maintenance** – In line with the relevant design standards and to protect your investment, it is important to have in place a routine cleaning program that reflects the installation environment and maintains the product in a clean and functional condition.

**IMPORTANT** – The supply must be isolated before any product maintenance or cleaning is conducted. In addition, damage to ANY cable or cord supplied with the product must be addressed as follows; For attachment type X having a specially prepared cable, if the external flexible cable is damaged, it must be replaced by an equivalent cable exclusively available from the manufacturer or authorised installer. For attachment type Y, if the external flexible cable is damaged, it must be exclusively replaced by an equivalent cable by the manufacturer or authorised installer. For attachment type Z, if the external flexible cable is damaged, the cable cannot be replaced and the luminaire must be destroyed.

**4. Adverse, corrosive and coastal installation environments** – Unless the product is specifically designated for such applications in these installation instructions, which is supported by a professional maintenance program; installation of equipment in such environments is not recommended.

**5. Warranty** – In accordance with SAL's standard terms and conditions of sale, SAL warrant this product to be free from defects in materials and or workmanship for a period as stated below for goods not subject to incorrect installation, maintenance, operation, mishandling, environmental, unauthorised modifications or electrical operating conditions outside the nominated product specification as detailed in these installation instructions. The benefits to you given by this warranty are in addition to other rights and remedies you have under law. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

**Warranty term** – Residential usage (12) months, Commercial usage (12) months, Replaceable lamps (where supplied) (12) months and batteries where supplied (12) months from date of purchase.

### How to make a claim?

**Step # 1** – Within 30 days of the fault discovery, please contact the original place of the SAL product purchase during standard (local) business hours, with the following information **(a)** proof of purchase **(b)** description and quantity of the claimed fault **(c)** address of installation. **(d)** operating hours of the product.

**Step # 2** – It is then the responsibility of the original place of product purchase to report the matter to SAL affersales;

NSW   ACT	-SAL National Pty Ltd, 40 Biloela Street Villawood NSW 2163	P # 02 9723 3099
QLD	-SAL National Pty Ltd, 36 Whitelaw Place Richlands QLD 4077	P # 07 3879 5999
VICT   TAS   SA   NT	-SAL National Pty Ltd, 46-48 Keys Road Moorabbin Victoria 3189	P # 03 9532 3168
WA	-SAL National Pty Ltd, 29 Beringarra Av Malaga WA 6090	P # 08 9248 7458

**Step # 3** – Upon review of your claim and if the product is required to be returned to SAL for technical evaluation, then at the owners expense the product must be returned to SAL as per the above nominated locations.

**Step # 4** – Pending the evaluation, the claim will be validated resulting in the product being repaired or replaced with the same or best equivalent product at the discretion of SAL, or rejected if the product fault was found to be caused by conditions beyond the responsibility of SAL warranty obligations. Consideration of installation, product removal, return freight and or testing fees are not the responsibility of SAL.