CASAMBI LED STRIP RECEIVER

Casambi LED Strip Receiver

5 channel · 12–48V DC
Casambi Bluetooth control

5 CH OUTPUT CHANNELS	8 A/ch MAX CURRENT
2.4 GHz CASAMBI BLUETOOTH	50 m RADIO RANGE
IP20 RATING	5 yr WARRANTY

WARRANTY T&CS

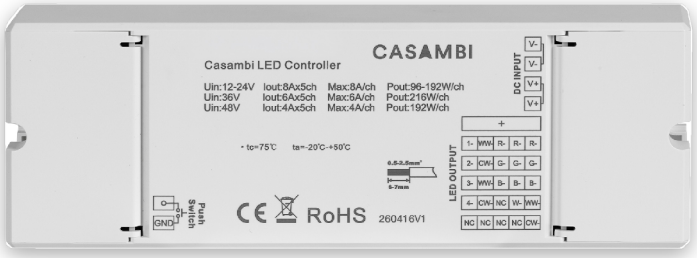
WEBSITE

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7 IN 1 CASAMBI LED CONTROLLER

RGB · tunable white · single colour · 5 channel



5CH OUTPUTS · **8A** PER CH · **2.4G** BLUETOOTH · **IP20** RATING · **5YR** WARRANTY

02 PRODUCT ORDERING

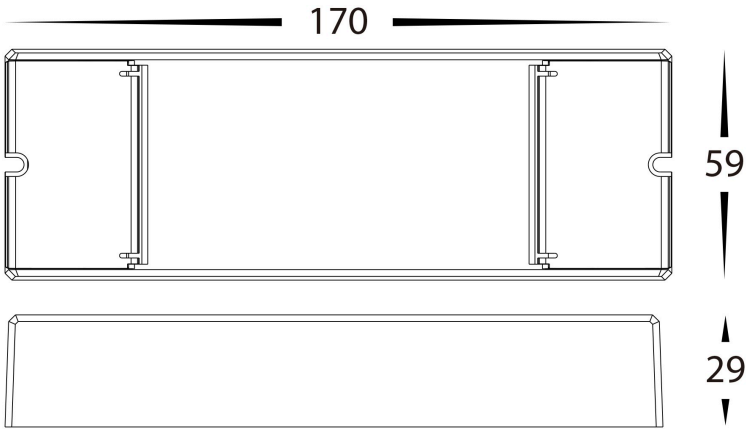
	ORDER CODE	CHANNELS	INPUT	BARCODE
	**HCP-77248**	5 channel	12–48V DC	9350418060020

01 PRODUCT SPECIFICATIONS

PRODUCT	Casambi LED strip receiver
PROTOCOL	Casambi Bluetooth · 2.4GHz
RADIO RANGE	50m open field*
INPUT VOLTAGE	12–48V DC
OUTPUT CHANNELS	5 channels
MAX CURRENT	8A/ch @ 12–24V · 6A @ 36V · 4A @ 48V
OUTPUT POWER	96–192W/ch @ 12–24V · 216W @ 36V · 192W @ 48V
CONTROL	ON/OFF · intensity · CCT · RGB
PROFILES	7 selectable in Casambi App
PUSH SWITCH	Supported – configured in app
TERMINALS	0.5–2.5mm² · strip 6–7mm
DIMENSIONS	170 × 59 × 29mm
CASE TEMP (TC)	75°C
AMBIENT TEMP	–20°C to +50°C
IP RATING	IP20
COMPLIANCE	RCM
WARRANTY	5 years replacement**

03 DIMENSIONS

MM



04 OUTPUT RATING BY INPUT VOLTAGE

INPUT	CURRENT	POWER
12–24V DC	8A × 5ch	96–192W/ch
36V DC	6A × 5ch	216W/ch
48V DC	4A × 5ch	192W/ch

Per channel. Casing temperature tc 75°C, ambient –20°C to +50°C.

*Range depends on installation. **See Warranty Terms & Conditions for more information.

05 PRODUCT VIEWS



ANGLE



COVER OPEN



TERMINALS

06 OPERATING PROFILES

SELECTABLE IN CASAMBI APP

01	**RGBTW**	RGB and tunable white – separate control, no mixing
02	**RGB+TW**	RGB and tunable white – mixing enabled
03	**RGBW**	RGB and white – separate control, no mixing
04	**RGB+W**	RGB and white – mixing enabled
05	**RGB**	Red, green and blue
06	**2 × TW**	Two tunable white lights – separate control
07	**4ch DIM**	Four single-colour lights – separate control

07 TERMINAL LAYOUT

AS MARKED ON UNIT

DC INPUT

V−	V−	V+	V+

PUSH SWITCH

SW	GND

LED OUTPUT

+ (common)				
1−	WW−	R−	R−	R−
2−	CW−	G−	G−	G−
3−	WW−	B−	B−	B−
4−	CW−	NC	W−	WW−
NC	NC	NC	NC	CW−

Terminal markings as printed on the unit. Refer to the Casambi App and installation instructions for wiring of each operating profile.

08 INSTALLATION

01

ISOLATE POWER

Turn off the DC supply and mains at the switchboard before installing or servicing.

02

MOUNT

Fix the receiver using the two slotted mounting points at each end. Keep within the stated ambient range.

03

WIRE

Connect the DC supply to V+/V−, then the LED outputs. Strip cable 6–7mm, 0.5–2.5mm² conductors.

04

COMMISSION

Add the receiver to your Casambi network in the Casambi App and select the operating profile.

09 INSTALLATION NOTES

01	Installation must be carried out by a licensed electrician in accordance with AS/NZS 3000.
02	Select a DC power supply matched to the connected LED load and the input voltage range (12–48V DC).
03	Do not exceed the per-channel current shown for the supply voltage in use.
04	IP20 – install indoors in a dry location, in an enclosure or ceiling space protected from moisture.

*Range depends on installation. See Warranty Terms & Conditions for more information.