



RoHS

## CHAM-07

### RF Dimmer Controller

#### Description

The CHAMELEON-07 is a creative yet simple to use RF dimmer. Designed for use with single colour LED lighting systems such as LED flexible strips and/or luminaires with low voltage dimming capabilities. Dimming is achieved via a simple to use RF remote control. Dimming can be realized by using either the touch sensitive dimming wheel or via the use of the dimming buttons. The CHAMELEON-07 has many useful function which include the ability to control up to 4 individual zones off a single RF hand held remote and also to save up to 2 user defined pre-sets. Just imagine being able to dim you LED lighting via the comfort of your lounge room chair.



#### Specification Features

Type of controller:	Single, 1ch dimmer controller.
Method of control:	RF hand held remote
Method of dimming:	PWM (Pulse width modulation)
Housing colour (receiver):	Black plastic colour housing
Housing colour (RF remote):	White plastic colour housing
Housing size (mm)	(L) 145mm x (W) 47mm x (H) 16mm
RF remote size (mm):	(L) 120 x (W) 47mm x (H) 18mm
Input voltage (VDC):	12-24VDC
Output voltage (VDC):	12-24VDC
Output current (A):	1 x 8A
Output wattage (W):	12VDC- 96W per channel (x1). 24VDC- 192W per channel (x1).
User set memory function:	Yes*
Multi zone control:	Yes**
Dimming function:	Yes
Learn function:	Yes***
Expandable signal:	Yes****
Requires:	Constant voltage 12-24VDC LED driver ***** AAA-1.5V battery for RF remote

Order Code: 20116  
Product Code: CHAM-07  
Description: RF single colour dimmer

\* The user has the option to set 2 dimming levels/scenes. This applies per zone.  
\*\* Each RF hand held remote is able to control 4 zones. Please note that receivers cannot be ordered as a separate item.  
\*\*\* Learn function pairs the hand held remote to the receiver. Avoiding cross communication between multiple receivers.  
\*\*\*\* 1CH data repeater recommended for single colour applications CHAM-25 (20134) not included.  
\*\*\*\*\* Constant voltage LED driver required (not included) product dependant. Battery for RF remote Required (Not included).

#### Diagrams / Additional

