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Installation Manual

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CFA-WC1

Thank you for purchasing your new CFA-WC1 ceiling fan Wall Controller, Please take the time to read and understand the instruction sheet below. Failure to do so may void warranty.

Specifications

Input Voltage:	240V AC	Speeds:	6	Total Load:	300VA



CFA-WC1 Line Drawing

POWER OUTLETS OR FIXED WIRING MUST BE INSTALLED BY A LICENSED ELECTRICIAN

To protect your customer's **WARRANTY** please **READ PAGE 2** of this booklet prior to the installation of this product.

Installation instructions & recommendations for electricians

1. The receiver and Handset portions are for indoor use only or must be protected against moisture.

2. AS/NZS60335-1:2011 Clause 7.12.2 states the following: "If a stationary appliance is not fitted with a supply cord and a plug, or with other means for disconnection from the supply mains having a contact separation in all poles that provide full disconnection under over voltage category III conditions, the instructions shall state that means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules"

3. Therefore, to comply with the above this system must be connected via a switch that is accessible to the user or a suitably labelled all-pole RCD that is dedicated to ceiling fans only. Emergency disconnection under fault conditions is not covered by warranty. This requirement applies to all ceiling fans and remote controls of any make. Owners must be aware of the warranty limitations if unit is installed without an isolating switch.

4. **DO NOT INSTALL IN THE CEILING OR WALL CAVITY**. This may exceed its maximum operating temperature, reduce its life or make it work erratically and WILL void warranty.

5. An internal, non-replaceable high rupture capacity fuse is fitted in the receiver. If an in-situ receiver is open circuit then check for a fault in the attached fan or light before replacing and possibly damaging another receiver. The maximum total load is 300VA.

Wiring connection:

Wire the remote control receiver to the fan and light using the wiring tails as follows:

a. The fan and light must be earthed. The earth wire is run directly to the earth terminal of the fan/light.

b. Active and neutral are connected to the brown (A) and blue (N) input wires of the receiver.

c. The fan active wire is connected to the brown output wire, the neutral to the blue output wire. The light active is connected to the red (or white) output wire and the light neutral is connected to the blue output wire (same as the fan). Do not allow any active/neutral to bypass the receiver or damage may result.

d. Place the receiver into the under ceiling canopy within the space provided in the suspension bracket. Do not place in ceiling cavity.

e. Test system. Show user how the isolation switch or RCD works. Label the switch or RCD accordingly (eg. "Ceiling Fans").

One isolation switch per fan must be used. Typically this is a light switch in the room containing the fan/light. If an isolation switch is not fitted the unit cannot be paired/programmed and may result in unnecessary service calls being charged to the owner. Re-programming and pairing is not covered under warranty.

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Instructions for all functions

SPEED: Press the "SPEED" button to operate fan. The LED screen will display the speed you choose. Press the "SPEED" button to cycle fan speeds. 1 is the lowest speed and 9 is the highest speed.
F/R: Press the "F/R" button to change the fan directions. Forward is Summer mode and Reverse is Winter mode.
FAN OFF: Press the "FAN OFF" button to turn the fan off.
LIGHT ON/OFF: Press the "LIGHT ON/OFF" button to turn the light on and off.
DIMMING: To adjust brightness press the "DIMMING" button multiple times until the desired LED brightness. The LED screen will display the brightness stages; 1 is the minimum and the 9 is the maximum. The receiver will beep when the light reaches minimum or maximum brightness.
TIMERS: The timer buttons allow the fan & light be turned on for the duration shown on LED screen. 1H = 1 hour, 2H = 2 hours, 4H = 4 hours & 8H = 8 hours.

Colour Changing Technology (CCT) Operation Instruction

- Press the Light On/Off button on the wall controller to change the Colour Temperature from Warm White (3000K), Cool White (4000K) or Daylight (6000K).
- To select the colour temperature of your choice (3000K, 4000K & 6000K) toggle the wall switch on and off and on within 1 second to change the CCT. Once the desired colour temperature is selected, the light must remain off for 5 seconds to set the colour temperature choice (using the wall controller).

*When using with a 9 speed remote control ceiling fan, the CCT colour changing technology is only available via remote handpiece supplied with the fan.

NOTE: If isolation switch is used as a light switch On/Off, there is a delay of a approx. 2 seconds from the time it is switched off before it can be switched back on. This insures the original colour temperature selected is retained. If the switch is turned On and Off within 2 seconds, it will default to Cool White colour temperature.

How To Add an accessory 9 Speed 240V DC Wall Controller (sold separately)

The receiver can learn the identification code for a new DC wall controller using the following procedure:

For LED Light Fan with T Receiver

1. To program the DC wall controller to the fan & LED light

- Turn off power to fan at isolation / wall switch and wait for 30 seconds then turn power back on at the isolation / wall switch, the fan will beep once.
- Press and hold "F/R" button until you hear once beep from the receiver. The DC wall controller will then be linked to the fan. Either two remote handsets or one remote handset combined with one DC Wall Controller can be paired per fan and can control a maximum of two ceiling fans.

* Please note maximum two ceiling fans using one DC wall controller. Both fans must have their own receiver and the wall controller must be installed in the same room as the fans.

Maximise Product Life and Protect your Warranty

Damage caused by voltage or current surges will shorten the life of the product and is not covered by warranty. Surges may be caused by lightning, problems in the electricity network or out of specification voltages from solar inverters. The chance of damage can be minimised by turning off the isolation switch when a 240V DC Wall Controller controlled fan or light is not being used. It is good practice to turn off the isolation switch just like you would with a normal light switch.

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Warranty Terms and Conditions:

This statement is required by the Australian Consumer Law 2010: "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 for 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."

Subject to the limitations below Domus Lighting Pty Ltd) will, for a period of 24 months from date of purchase, replace a defective 240V DC Wall Controller receiver and pay the nationally averaged labour cost that applies to such a repair to either the owner or a repairer authorised to perform work on behalf of Domus Lighting Pty Ltd.

1. If a Handset becomes inoperative due to a defect in materials or workmanship Domus Lighting Pty Ltd will supply a replacement Handset by postal delivery. The 240V DC Wall Controller is user programmable and allows pairing of new Hand-sets via an isolation switch. If an isolation switch is not present your installer should be consulted. Domus Lighting Pty Ltd will not under any circumstances pay for labour to perform pairing or programming.
2. A major failure is when the 240V DC Wall Controller receiver fails to work at all due to an internal defect caused by faulty materials or workmanship or an external defect in 240V DC Wall Controller is present before installation. All other faults are minor failures.
3. Damage caused by misuse, weather, water, voltage or current surges are not covered by warranty. Surges may be caused by lightning or problems in the electricity network or due to out of specification voltage from solar inverters. Damage can be minimised by turning off the isolation switch when a 240V DC Wall Controller con-trolled fan or light is not being used.
4. Flickering of lamps is not covered by warranty. 240V DC Wall Controller is not guaranteed to dim lamps other than incandescent lamps less than 80W (total) and Domus Lighting Pty Ltd branded lamps sold as dimmable types. Lamps used with 240V DC Wall Controller are recommended to be compatible with 'leading edge dimming' or damage to 240V DC Wall Controller and the lamp may result.
5. To comply with safety standards 240V DC Wall Controller is fitted with non-replaceable 'fail-safe' fusing. These fuses are robust but can be damaged by fan faults or lamps that draw extremely high currents upon fail-ure ("blown lamp"). 240V DC Wall Controller failure caused by fan faults or blown lamps is not covered by warranty.
6. Incorrect installation and radio interference problems are not caused by a product defect and are not covered by warranty. 240V DC Wall Controller uses a 433MHz radio transmitter and may be subject to periodic interfer-ence by other devices using this frequency band.
7. Domus Lighting Pty Ltd will not pay for diagnostic service calls. Owners wishing to engage an electrician or other service person to diagnose a fault with 240V DC Wall Controller must do so at their own ex-pense. Domus Lighting Pty Ltd will not under any circumstances pay for diagnosis or rectification performed without our express prior consent. To prevent paying for unnecessary diagnostic work please first read the troubleshooting tips and contact Domus Lighting Pty Ltd for advice if a problem persists.
8. This express warranty does not cover travelling costs to repair/replace 240V DC Wall Controller units installed outside metropolitan areas or where an authorised service agent must travel more than 25 km from their base of operations. 240V DC Wall Controller units installed in locations requiring special access equipment (above 3 m) must have this equipment supplied by or paid for by the site owner. Warranty only covers 240V DC Wall Controller units purchased and installed within Australia.
9. Domus Lighting Pty Ltd will pay a maximum of the nationally averaged labour cost toward repair/replacement of units installed in locations described in point 8 and owners who wish to install units in remote or difficult to access locations should take service and repair costs into consideration before having 240V DC Wall Controller installed.
10. Warranty is void if 240V DC Wall Controller is installed by an unlicensed person. If 240V DC Wall Controller is installed other than according to these instructions Domus Lighting Pty Ltd's warranty may be void or reduced to postal supply of a replacement unit only.

Troubleshooting Tips (try these in order):

- Turn the isolation switch off for 10 seconds and then back on. If the fan-light turns on the receiver is working. If the light does not turn on then check the circuit breaker or RCD is on. If other lights and fans are working in the house then the 240V DC Wall Controller receiver and Handset may not be paired. Try the pairing procedure (see "How to Add a New or Replacement Handset").
- If the receiver doesn't respond to the Handset and the fan-light doesn't come on after turning on the wall switch (with POL enabled) then it is possible the receiver is damaged or faulty. Call Domus Lighting for advice.
- If the receiver doesn't respond when the Handset buttons are pressed first replace the Handset battery. Next try getting as close



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to the fan as possible. If it works when close it could be an interference issue with other de-vices such as wireless security cameras, wireless alarms and other devices working on 433 MHz (or close there-to). Turn those devices off and try again. If this problem occurs intermittently then it is probably caused by neighbours using devices that interfere.

- If the receiver doesn't respond when close it may be a faulty Handset. If you have other 240V DC Wall Control-ler, you can temporarily pair them to the suspect receiver. If they pair OK the Handset is possibly damaged or faulty.
- If nothing works and 240V DC Wall Controller was not turned off at the wall switch when a thunderstorm passed close by, especially if there was a power glitch or blackout it is possible the receiver has been damaged by a surge. Call Domus Lighting for advice.

Proof of installation

Fill out the details below and keep this manual. You will need to present your product information, installing electricians license number and proof of purchase for warranty claims.

Customer Details

Customer Name: _____

Installation Site Address: _____

Installing Electrician Details

Electrical company and Electrician Name: _____

License No: _____

Telephone: _____

Mobile: _____

Install Date: _____

Purchase details

QTY	Product Name	Purchase Place	Purchase Date

PLEASE RETAIN THE PURCHASE RECEIPT FOR WARRANTY CLAIMS

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