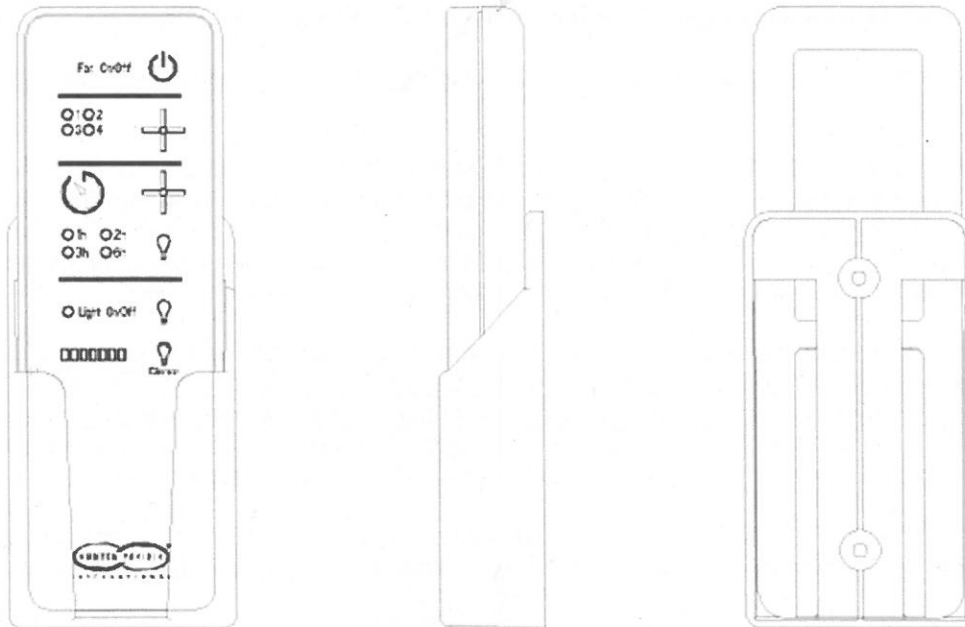




LOGIC™

CEILING FAN & LIGHT REMOTE CONTROL

Installation and User Manual



Isolation switch and wall plate required. To suit the location and décor these parts must be supplied by the installing electrician.



WARNING- THIS PRODUCT MUST BE INSTALLED ONLY BY A LICENSED OR QUALIFIED ELECTRICAL WORKER. FAILURE TO FOLLOW THE WIRING RULES OR THESE INSTRUCTIONS MAY RESULT IN AN ELECTRICAL HAZARD. WARRANTY IS VOID UNLESS A CERTIFICATE OF COMPLIANCE OR A RECEIPT FROM A LICENSED INSTALLER IS AVAILABLE.



Turn off the isolation switch for the fan/light before changing lamps, cleaning or servicing the fan.



Contact with rotating ceiling fan blades and live parts of lamp holders can cause serious injury or death.

Warranty Procedure*

For online warranty bookings visit: www.hunterpacific.com.au (24hours, 7 days)
For technical advice call: 1300 360 280 (Monday to Friday from 9am to 5pm EST)

* Warranty only available within Australia



LOGIC™

CEILING FAN & LIGHT REMOTE CONTROL

INSTALLATION INSTRUCTIONS & RECOMMENDATIONS FOR ELECTRICIANS

This remote control system is for use only as intended and connection to equipment other than ceiling fans and associated lighting or installation for purposes outside of those recommended by Hunter Pacific International may void the manufacturers warranty against defects.

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 and confirm Power-On-Light (POL) selection meets the consumers needs. 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.

LOGIC™ OPERATING INSTRUCTIONS

The following statement is required by Australian Standards AS/NZS60335-1 & AS/NZS60335-2-80:

"This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance." **DANGER: Contact with ceiling fan blades can cause serious injury or death.**

Instructions for Simple Fan and Light Functions

FAN: Press the "Fan On/Off" button to operate fan. The "Fan Speed" LED will give a long blink to show fan is on and a short blink when it is off. Press the "Fan Speed" button to cycle fan speeds. If the fan is off it will turn on when the "Fan Speed" button is pressed. The "Fan Speed" LED will show the selected speed.

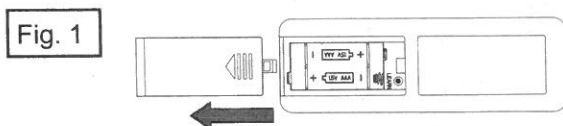
LIGHT: Press the "Light On/Off" button once to toggle light on or off. The "Light On/Off" LED will give a long blink to show light is on and a short blink when it is off.

LIGHT DIMMER: The light dimmer will adjust brightness with the light on or can be pre-set with the light off. When the dimmer is pre-set the light will turn on at the pre-set brightness (ideal for bedrooms). To adjust brightness hold the "Light Dimmer" button down or press multiple times until the LED brightness indicators are at the desired position. The receiver will beep when the light reaches minimum or maximum brightness.

TIMERS: The timer buttons allow the fan or light to be turned on for the duration indicated by the LEDs. To cancel the fan timer press "Fan On/Off" button. To cancel light timer press "Light On/Off" button.

Handset Battery Installation/Replacement

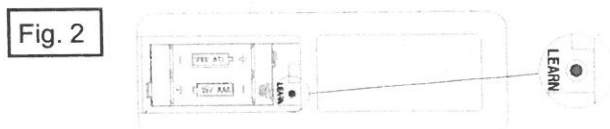
Open the battery compartment by sliding the hatch downwards (Fig. 1). Gently press the grooved section inwards to disengage latch. UNWRAP THE PLASTIC FROM AROUND NEW BATTERIES (IF PRESENT). Observe polarity and make sure battery sits properly in recess. Slide hatch back into place.



How to Add a New or Replacement Handset

The receiver can learn the identification code for a new Handset using the following procedure (Please note a maximum of 2 Handsets can be paired to one receiver):

1. Turn off the power to the receiver at the isolation/wall switch and wait for 30 seconds.
2. Toggle the INCOMING MAINS power ON and OFF two times (prior to installation it may be more convenient to connect the receiver to a power point via a flex)
3. The receiver will beep four times when it enters program mode. If the timing is too long or too short simply keep cycling the power until it does enter program mode (4 beeps).
4. Wait 3 seconds then move new Handset within 2 meters of the receiver and press and hold the "LEARN" button located in battery compartment of Handset (Fig. 2) for 3 seconds, the receiver will beep twice (if light fitted to fan, light will also flash once) to indicate the new Handset has successfully paired with the receiver.



How to Erase a replacement Handset

Please note that the original Handset supplied with the receiver cannot be erased from the receivers memory. Only a replacement Handset can be erased from the receivers memory. To erase a Handset from the receiver follow the below procedure:

1. Turn off the power to the receiver at the isolation/wall switch and wait for 30 seconds.
2. Toggle the INCOMING MAINS power ON and OFF two times (prior to installation it may be more convenient to connect the receiver to a power point via a flex)
3. The receiver will beep four times when it enters program mode. If the timing is too long or too short simply keep cycling the power until it does enter program mode (4 beeps).
4. Wait 3 seconds then move new Handset within 2 meters of the receiver and press and hold the "LEARN" button located in battery compartment of Handset (Fig. 2) for 8 seconds, the buzzer will beep 3 times (if light fitted to fan, light will also flash twice) to indicate the Handset has been successfully erased from the receiver.

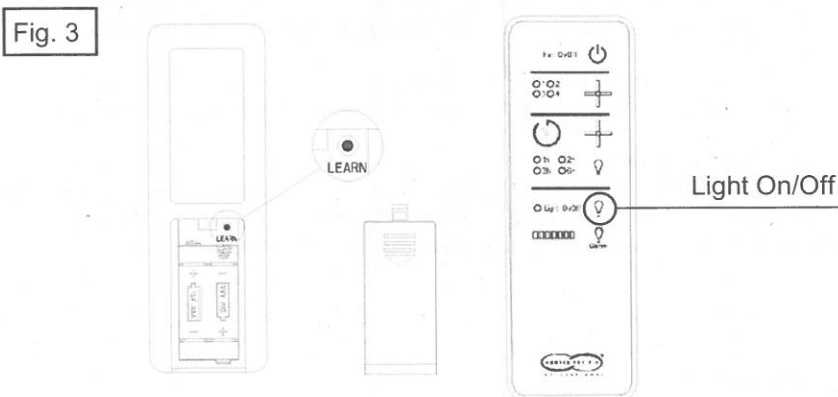
Instructions for Advanced Features

POWER-ON-LIGHT (POL) Selection

When POL is ON the light will turn on when power is applied to the receiver (via an external switch or after a power failure). This allows the fan light to be turned on/off by the wall switch when the Handset is not available. When POL is OFF the light will remain off when power is applied. The OFF position is recommended for holiday houses and similar locations where the light may switch on unintentionally if a power failure occurs. The fan will always remain off when power is turned on. POL selection can be changed by the user through the remote control handpiece as follows:

POL ON: Turn light ON using Handset. Remove battery cover and press and hold the "LEARN" button. Whilst holding down the "LEARN" button press the "Light On/Off" button once. The receiver will beep 4 times and the light on the fan will flash twice. When POL is ON the light will turn on when power is applied to the receiver (via an external switch or after a power failure).

POL OFF: Turn light OFF using Handset. Remove battery cover and press and hold the "LEARN" button. Whilst holding down the "LEARN" button press the "Light On/Off" button once. The receiver will beep 4 times and the light on the fan will flash twice. When POL is OFF the light will remain off when power is applied to the receiver (via an external switch or after a power failure).



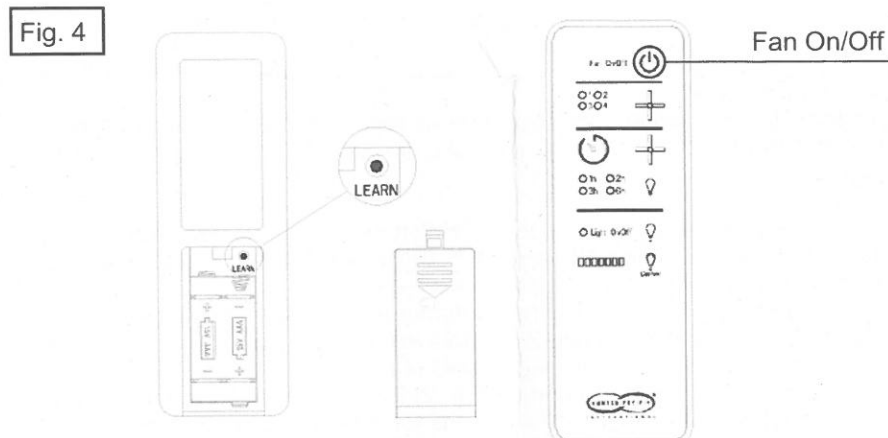
Buzzer Mute:

The buzzer beep from the receiver can be silenced for use in bedrooms or quiet areas. Buzzer Off or Buzzer On can be changed by the user through the remote control handpiece as follows:

Buzzer OFF: Remove battery cover and press and hold the "LEARN" button. Whilst holding down the "LEARN" button press the "Fan On/Off" button once. When you press any button on the Handset you will not hear the receiver beep.

Buzzer ON: Remove battery cover and press and hold the "LEARN" button. Whilst holding down the "LEARN" button press the "Fan On/Off" button once. When you press any button on the Handset you will hear the receiver beep.

Note: the receiver will always beep when entering program mode. When troubleshooting problems the buzzer must be enabled.



MINIMUM BRIGHTNESS SETTING:

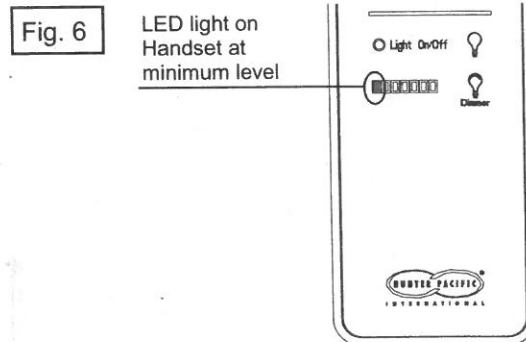
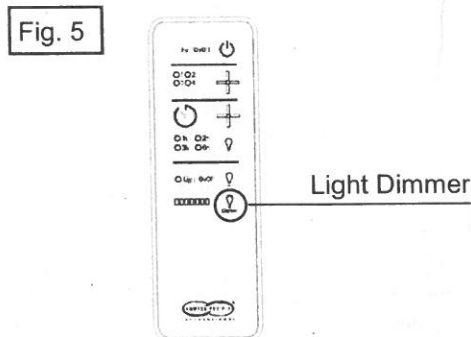
This should only be done if there is a flickering problem[#] with some types of lamps. The Minimum Brightness can be pre-set to prevent lamps flickering if they are set too dim. Minimum Brightness setting can be performed by the user through the remote control handpiece as follows:

1. Turn off the power to the receiver at the isolation/wall switch and wait for 30 seconds.
2. Toggle the INCOMING MAINS power ON and OFF two times.
3. The receiver will beep four times when it enters program mode. If the timing is too long or too short simply keep cycling the power until it does enter program mode (4 beeps).
4. Wait for 3 seconds and press and hold the "Light Dimmer" button to the point above where the light stops flickering or to suitable brightness and then release "Light Dimmer" button.
5. The receiver will beep once to indicate the Minimum Brightness setting for the lamp has been successful.

The lamps cannot be made any dimmer than the minimum setting even though the Handset LEDs will show lower.

Minimum Brightness setting can be cancelled by the user through the remote control handpiece as follows:

1. Turn off the power to the receiver at the isolation/wall switch and wait for 30 seconds.
2. Toggle the INCOMING MAINS power ON and OFF two times.
3. The receiver will beep four times when it enters program mode. If the timing is too long or too short simply keep cycling the power until it does enter program mode (4 beeps).
4. Wait for 3 seconds and press and hold the "Light Dimmer" button to the point until the LED light on the Handset is at minimum level (Fig. 6) and release the button. This will cancel the Minimum Brightness setting.



[#] LOGIC™ has been extensively tested with a wide variety of lamps. Nonetheless flickering problems are caused by lamps (not LOGIC™). Ripple control signals may cause lamps to flicker, especially when dimmed. Flickering problems are **not** covered by warranty.

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 LOGIC™ controlled fan or light is not being used. It is good practice to turn off the isolation switch just like you would with

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 Hunter Pacific International Pty Ltd (HPI) will, for a period of 12 months from date of purchase, replace a defective LOGIC™ 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 Hunter Pacific International Pty Ltd.

1. If a Handset becomes inoperative due to a defect in materials or workmanship HPI will supply a replacement Handset by postal delivery. The LOGIC™ is user programmable and allows pairing of new Handsets via an isolation switch. If an isolation switch is not present your installer should be consulted. HPI will not under any circumstances pay for labour to perform pairing or programming.

2. A major failure is when the LOGIC™ receiver fails to work at all due to an internal defect caused by faulty materials or workmanship or an external defect in LOGIC™ 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 LOGIC™ controlled fan or light is not being used.

4. Flickering of lamps is not covered by warranty. LOGIC™ is not guaranteed to dim lamps other than incandescent lamps less than 80W (total) and Hunter Pacific International Pty Ltd branded lamps sold as dimmable types. Lamps used with LOGIC™ are recommended to be compatible with 'leading edge dimming' or damage to LOGIC™ and the lamp may result.

5. To comply with safety standards LOGIC™ 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 failure ("blown lamp"). LOGIC™ 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. LOGIC™ uses a 433MHz radio transmitter and may be subject to periodic interference by other devices using this frequency band.

7. Hunter Pacific International Pty Ltd will not pay for diagnostic service calls. Owners wishing to engage an electrician or other service person to diagnose a fault with LOGIC™ must do so at their own expense. HPI 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 HPI for advice if a problem persists.

8. This express warranty does not cover travelling costs to repair/replace LOGIC™ units installed outside metropolitan areas or where an authorised service agent must travel more than 25 km from their base of operations. LOGIC™ 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 LOGIC™ units purchased and installed within Australia.

9. HPI 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 LOGIC™ installed.

10. Warranty is void if LOGIC™ is installed by an unlicensed person. If LOGIC™ is installed other than according to these instructions HPI'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 (assuming POL is enabled) the receiver is working. If the light does not turn on and POL is enabled then check the circuit breaker or RCD is on. If other lights and fans are working in the house then the LOGIC™ 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 HPI for advice.

- If the receiver doesn't respond when the Handset buttons are pressed (but POL works) first replace the Handset battery. Next try getting as close to the fan as possible. If it works when close it could be an interference issue with other devices such as wireless security cameras, wireless alarms and other devices working on 433 MHz (or close thereto). 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 LOGIC™ remotes you can temporarily pair them to the suspect receiver. If they pair OK the Handset is possibly damaged or faulty.

- If the fan-light doesn't turn on when the wall switch is turned on (and everything else works OK) then POL may be disabled. Follow the POL instructions to enable (see *"POWER-ON-LIGHT (POL) Selection"*).

- If the receiver doesn't beep but the fan and light functions change in response to the Handset then the buzzer mute function is enabled. Follow the buzzer mute instructions to enable (see *"Buzzer Mute"*).

- If a lamp flickers or goes out it may not be a dimmable type. If the lamp won't dim or flickers when trying to dim it then it is not a dimmable type. If the lamp is dimmable but flickers then it is not suitable – you can verify LOGIC™ operating correctly by trying an incandescent lamp which will always be dimmable. Replace the lamps.

- If nothing works and LOGIC™ 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 HPI for advice.



Attach receipt here.



Attach electricians invoice here.

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: _____

Please to fill out the purchase details

<u>PURCHASE DETAILS</u>			
Qty	Product Name	Purchase Place	Purchase Date

PLEASE RETAIN THE PURCHASE RECEIPT FOR WARRANTY CLAIMS



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