

# Installation & Operating Instructions for the Parrotuncle Owner's Installation ,Manual

WARNING: SHUT POWER OFF AT FUSE OR CIRCUIT BREAKER



# **SAFETY TIPS**

OBSERVE THE FOLLOWING: READ AND SAVE THESE INSTRUCTIONS

WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR PERSONAL INJURY, MOUNT TO OUTLET BOX MARKED "ACCEPTABLE FOR FAN SUPPORT OF 30 KG (66 LBS) OR LESS"

AND USE MOUNTING SCREWS PROVIDED WITH THE OUTLET BOX AND/OR SUPPORT DIRECTLY FROM BUILDING STRUCTURE. MOST OUTLET BOXES COMMONLY USED FOR THE SUPPORT OF LUMINARIES ARE NOT ACCEPTABLE FOR FAN SUPPORT AND MAY NEED TO BE REPLACED. CONSULT A QUALIFIED ELECTRICIAN IF IN DOUBT.

1. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.

2. Use this unit only in the manner intended by the manufacturer. If you have any questions contact the manufacturer.

3. After making the wire connections, gently push connections into outlet box with wire nuts pointing up. The wires should be spread apart with the grounded conductor and the equipmen grounding conductor on one side of the outlet box and ungrounded conductor on the other side of the outlet box.

4. Before you begin installing the fan, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means

cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

5. Be cautious! Read all instructions and safety information before installing your new fan. Review the accompanying assembly diagrams.

6. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.

7. Make sure the installation site you choose allows the fan blades to rotate without any obstructions. Allow a minimum clearance of 7.5 feet from the floor to the trailing edge of the blade.

8. To reduce the risk of fire, electric shock, or personal injury, this fan must be mounted to an outlet box marked suitable for fan support. And use mounting screws provided with the outlet box. (Mounting must support at least 66 lbs)

9. Do not connect the fan motor to a dimmer switch and any other fan controller. This may give an unsatisfactory performance (motor hum) and cause damage to the motor. The use of a double pole isolation switch is required. Only use the supplied fan controller remote to turn off the fan.

10. The fan must be turned off and stopped completely before reversing the fan direction. This will prevent any damage to the DC motor or the electronic fan controller. 11. Do not insert anything into the fan blades while the fan is operating, as this may cause personal injury, damage the blades, and upset the balance of the unit causing it to wobble.

12. Attach the mounting bracket using only the hardware supplied with the outlet box. Fan is only to be mounted to an outlet box marked "Acceptable for Fan Support".

13. To reduce the risk of fire or electric shock, do not use this fan with any solid state fan speed control device, or variable speed control.

14. If this unit is to be installed over a tub or shower, it must be marked as appropriate for the application.

15 NEVER place a switch where it can be reached from a tub or shower

16. Before servicing or cleaning unit, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means

cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

17. All set screws must be checked and re-lightened where necessary before installation.

18. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental different or reduced, or lack of experience or knowledge, unless such persons are supervision or training to operate the appliance a person responsible for their safety. Children should be supervised to ensure that they do not use the devices as toys

## TOOLS REQUIRED: Screwdriver, Wire Cutters, Pliers, Step Ladder.

# **REMOTE RECEIVER & TRANSMITTER FOR DC FAN OPERATION**

#### By default, every fan has been pre-configured at the factory and should be fully functional once installation is complete and power to the fan motor has been switched on.

Remote receiver and remote handset (the transmitter) for this ceiling fan must be correctly paired before the fan can be fully functional. During a pairing process, the receiver learns and recognises the unique ID

of the transmitter hence this is also called a learning process. In addition, the receiver will perform an advanced self-characterisation procedure for optimum fan performance during the pairing process.

Unless a succssful pairing process for the fan has beed completed either by the factory or by the user, the fan may work partially at some settings or may not work at all.

Should you find the fan or the remote controller not working or not fully functional after installation or during use, pairing of the remote contoller can be done by following simple procedures outlined below

Note: however, that there could be other reasons as to why a fan or a remote controller is not working:

- · Make sure all wiring connections have been properly made and are secure
- · Make sure battery is present in the handset battery compartment

· Make sure battery is not flat or has turned weak

. Make sure all switches (main & insolation) of the power supply to the fan motor is turned on



## PREPARING FOR INSTALLATION





Use metal outlet box suitable for fan support (must support 66 lbs). Before attaching fan to outlet box, ensure the outlet box is securely fastened by at least two points to a structural ceiling member (a loose box will cause the fan to wobble).

# MOUNTING

3

Pass the supply wires through the hole in the

to a ceiling joist or other structural ceiling

washers. Ensure that the support for the

moving weight of the fan.

mounting bracket. Secure the mounting bracket

element with two screws, spring washers and flat

mounting bracket is capable of safely holding the



Hang the fan assembly with the ball joint onto the mounting bracket. Make sure the guide pin of the bracket is fitted into the corresponding slot of the ball joint. You should feel the guide pin setting into the slot of the ball joint.

WIRING



Ceiling Canopy Screws Decorative Trim (Canopy Cover) Slide de ceiling canopy up over the hanger bracket and twist the canopy and tighten the ceiling canopy screws. Cover the screws with the decorative trim. Re-assemble the ball joint, ensuring the correct placement of the ball joint pin and ball ioint screw

MOUNTING



Each blade is attached with a blade bracket. Ensure that the correct surface of the blades is facing upwards. Attach the blade to the fan motor housing, inserting the screw through the blade bracket, through the blade and into the motor. Tighten firmly using a hand tool and do not overtighten. Re-assemble the ball joint, ensuring the correct placement of the ball joint pin and ball ioint screw.



making sure it is firmly in place. Re-assemble the ball joint, ensuring the correct placement of the ball joint pin and ball ioint screw



## SAFETY FEATURES OF THE REMOTE CONTROLLER

## LOCKING PROTECTION - HOW TO RESET RECEIVER TO RESUME FAN OPERATION

Remote receiver of this fan has a built-in function that automatically locks fan motor from continuous operation by cutting off power to the motor 30 second after an obstruction blocking normal fan operation is detected. When this happens, you should first remove obstacles blocking the fan. Then press the OFF button on remote handset to reset the receiver. You can operate the fan using remote controller as usual after the receiver has been reset.

NOTE: unless obstruction is permanently removed, the receiver and the motor will be enter the protection mode again after a reset.

#### OVERLOADING PROTECTION - HOW TO RESET RECEIVER TO RESUME FAN OPERATION

Should remote receiver of this fan detect that the fan motor is drawing power greater than 80W (an over loading condition), it will automatically cut off power to the motor thereby stopping the fan operation immediately. To reset the receiver, press the OFF button on remote handset.

NOTE: if the receiver re-enter protection mode, it may indicates presence of a fault condition on fan motor.

## **USING YOUR CEILING FAN WITH REMOTE CONTROL**

### Pairing Transmitter and Receiver - when 2 or more DC ceiling fan are installed in one location

When two or more fans are located near each other, you may desire to have the receiver/transmitter for each fan set to a different code, so that the operation of one fan does not affect the operation of the other fans.

The DIP switches for the transmitter (remote hand piece) are located in the battery compartment of the transmitter.

Configuring the DIP switches will allow a unique transmission code assigned to each fan ceiling.

NOTE: Ensure that you have installed an all - poles disconnection switch in the fixed wiring for each fan, when using DIP code function.

NOTE: Ensure power to the Receiver is ON prior to pairing the transmitter with the receiver.

#### Transmitter/Receiver pairing for ceiling fan 1 :

- Turn off both ceiling fans 1 and 2 via the mains supply to the receiver.
- Slide the cover of battery compartment of transmitter to access the DIP switches. This will be transmitter 1.
- Change the position of the DIP switches in the remote transmitter 1, so that it will be different to transmitter 2. Fig.1
- Install the 3V x2 battery in the compartment. Please make sure the polarity of battery is correct.
- Turn on the power to receiver 1. Keep the power OFF to receiver 2. (Each ceiling fan must have its own isolation switch, so that only the Ceiling fan that needs to be paired with the transmitter will be ON).
- Press and hold the OFF 🙂 button of transmitter 1 for 6 seconds within 60 seconds of switching the power to the receiver of Ceiling Fan 1.
- Now the transmitter should be paired with the receiver of ceiling fan 1. Turn ON/OFF or change the speed of ceiling fan 1 by the transmitter to check the operation.

## Setting DC Ceiling fan 2 :

- Turn off both ceiling fans 1 and 2 via the mains supply to the receiver.
- Slide the cover of battery compartment of transmitter to access the DIP switches. This will be transmitter 2.
- Change the position of the DIP switches in the remote transmitter 2, so that it will be different to transmitter 1. Fig.12
- Install the 3V\*2 battery in the compartment. Please make sure the polarity of the battery is correct.

• Turn on the power to receiver 2. Keep the power OFF to receiver 1. (Each ceiling fan must have its own isolation switch, so that only the Ceiling fan that needs to be paired with the transmitter will be ON).

- Press and hold the OFF 🙂 button of transmitter 2 for 6 seconds within 60 seconds of switching the power to the receiver of Ceiling Fan 2.
- Now the transmitter should be paired with the receiver of ceiling fan 2. Turn ON/OFF or change the speed of the ceiling fan 2 by the transmitter to check operation.t

# Note: The pairing of Transmitter and Receiver is not required if only one Ceiling fan is installed. When more than two ceiling fans are installed near each other, please refer to the instruction above.





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## **Remote Control Buttons**

O - Fan speed control button: A 5-10 seconds is required to allow the DC fan to respond to the remote each speed or fan direction selections, as DC fan incorporate a sensor control which controls the power to the motor.

2 - FAN OFF BUTTON: Press the button to turn the fan off

③ - REVERSE FUNCTION BUTTON: Press the button to active reverse running function. The fan must be operating to activate the reverse function.

④ - LIGHT CONTROL BUTTON: Press the button to turn on/off the light.

## THE RECEIVER PROVIDES THE FOLLOWING LEVEL OF PROTECTIONS AGAINST

- Lock position: the receiver has a built in safety feature to protect against obstruction during operation. The motor
  will be locked from operation and will disconnect from power after 30 seconds of interruption. Please remove
  obstacles before re-starting. To reset, simply turn off the power supply to the fan motor and re-start.
- Over 80W protection: when the receiver detects power consumption which is greater than 80W, the receiver power will be stopped and operation will immediately discontinue. Turn the receiver power on after 5 seconds to restart the fan.

# **REPAIRING THE FAN RECEIVER & REMOTE PAIRING**

Should the remote and receiver lose control after installation or during use, the pairing of the remote and the receiver must be repaired. Below are the operating symptoms and method to repair the pairing of the DC ceiling fan remote and receiver

#### Issues:

· Loss of control - Fan only running at high speed after installation

- Loss of control No reverse function after installation
- · Loss of control remote cannot communicate with receiver

Solution:

If the fan runs at the highest speed continuously, it means the wiring of the installation is correct. When the fan operated on high speed only, or fails to operate in reverse function or any other command/s, it is recommended to repair the communication pairing of the remote and receiver. Please follow the steps below:

A. Remove the battery cover of remote, make sure the battery is installed correctly and the LED light indicator will be flashing, it means the remote function is okay.

B. Turn off the main supply to receiver more than 30 seconds and turn on the main supply to receiver again. Press and hold the OFF 🙂 button remote for 6 seconds within 60 seconds of turning turn the power to the receiver.

C. Press the buttons on the remote to run the fan. In general, performing point A, B, and C should repair the remote and receiver, and will allow full control of the fan. If not, please kindly do the next step.

D. The DIP switches of fans are set up at the factory in all up. And we can change DIP switch at any location in 32 options. (Ex. up-up-up-down-down).

E. Please repeat the (A)~(C) steps to check the function.

If the issues still persist after following point (A) to (D), and there is still no control, then please contact the local retailer for a new remote or transmitter.









Note: For your safety, new receiver must be installed by a licensed electrician. Note: While repairing the DC ceiling fan remote and receiver is in process, the fan operates at highest speed with REVERSE mode automatically for 90 seconds, and then operates with FORWARD mode for 90 seconds. During the paring process, do not press any key on the remote.





## **BALANCING / WOBBLING**

Please note that all ceiling fans are not the same, even in the same model - some may move more or less than others. Movement of a couple of centimetres is quite acceptable and does not suggest the fan will fall down. Even though all blades are weighted and grouped by weight, it is impossible to eliminate wobble altogether. This should not be considered a fault. Ceiling fans tend to move during operation due to the fact that they are not generally rigidly mounted.

You may do the following actions to reduce the wobbling

1. Check all the blade mounting screws are tightened and securely.

2. Wobbling problems may result from inconsistent blade level. To check blade level, measure the distance from each blade tip to the ceiling. Note: if measurements are inconsistent:

Check blade mont screws are not over tightened or loose, which can cause the blade tip to not all sit level; and out of shape blade can cause wobbling, check by removing the blade and lay in on a flat surface. Compare the set of blades to check all are the same shape and size.

3. Blade tracking may be checked simply by use of a household ruler as shown in below figure. Place the ruler vertically against the ceiling and even with the outside leading edge of a blade. Note the distance of the edge of a blade same as others. Turn the blade slowly by hand to check the remaining blades. If a blades is not in alignment, the blade is either out of shape / warped or the blade screws are not evenly tightened or are loose.

#### **BALANCING KIT**

1. A balancing kit is provided to balance the ceiling fan on initial installation. Please refer to the instruction on how to use the Balancing kit, that is included. 2. The balancing kit can be used to assist rebalancing if the ceiling fan becomes un-balanced overtime. Do not discard the balancing kit. Retain for possible future use.



## **OPERATION AND MAINTENANCE**

#### Operation

After the fan is completely installed make sure that all connections are secured and tightened to prevent any noise problems for loose parts. Turn on the power and check operation of fan.

- Speed settings for warm or cool weather depend on factors such as room size, ceiling height, number of fans and so on. The remote control, forward or reverse.
- Warm weather Forward: Fan turns counterclockwise direction. A downward air flow creates a cooling effect as shown in illustration A.

This allows you to set your air conditioner on a higher temperature setting without affecting your comfort.

Cool weather - Reverse: Fan turns clockwise direction. An upward airflow moves warm air off the ceiling area as shown in illusrtation B.

This allows you to set your heating unit on a lower setting without affecting your comfort.

### Maintenance

1. Because of the fan's natural movement, some connections may become loose. Check the support connections, brackets, and blade attachments twice a year. Make sure they are secure

2. Clean your fan periodically to help maintain its new appearance over the years. Do not use water when cleaning. This could damage the motor, or the wood, or possibly cause electrical shock.

3. Use only a soft brush or lint-free cloth to avoid scratching the finish. The plating is sealed with a lacquer coating to minimi ze discoloration or tarnishing.

4. There is no need to oil your fan.

# TROUBLESHOOTING GUIDE

If you have difficulty operating your new ceiling fan, it may be the result of incorrect assembly, installation, or wiring. In some cases, these installation errors may be mistaken for defects. If you experience any faults, please check this Trouble Shooting Chart. If a problem cannot be remedied, please consult with your authorized electrician and do not attempt any electrical repairs yourself.

TROUBLE	SUGGESTED REMEDY
1. If fan does not start:	<ol> <li>check main and branch circuit fuses or circuit breakers.</li> <li>check wire connections as performed in step #6 of installation.</li> <li>CAUTION: Make sure main power is turned off.</li> <li>If the fan still will not start, contact a qualified electrician. Do not attempt to troubleshoot internal electrical connections yourself.</li> </ol>
2. If fan sounds noisy:t	<ol> <li>check to make sure all screws in motor housing are snug (not over tightened).</li> <li>check to make sure the screws which attach the fan blade holder to the motor are tight.</li> <li>Some fan motors are sensitive to signals from Solid State variable speed controls.</li> <li>DO NOT USe a Solid State variable speed control.</li> <li>Allow "break-in" period of 24 hours. Most noises associated with a new fan will disappear after this period.</li> </ol>
3. If fan wobbles:	<ul> <li>All blades are weighed and grouped by weight. Natural woods vary in density which could cause the fan to wobble even though all blades are weight-matched. The following procedures should eliminate most of the wobble. check for wobble after each step.</li> <li>1. check that all blades are screwed firmly into blade holders.</li> <li>2. check that all blade holders are tightened securely to motor.</li> <li>3. Make sure that canopy and mounting bracket are tightened securely to ceiling joist.</li> <li>4. If blade wobble is still noticeable, interchanging two adjacent (side by side) blades can</li> </ul>
4. If light does not work	<ul><li>c: 1. check to see that the wire connections in the switch housing are connected.</li><li>2. check for faulty light bulbs.</li><li>3. If light kit will still not operate, contact a qualified electrician for assistance.</li></ul>

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Modelo: F6101 CARACTERISTICAS ELECTRICAS: 120 V~ 60 Hz 35 W (MOTOR) Parrotuncle Lighting, 218 Black Tie Lane, Chapel Hill, NC www.parrotuncle.com Parrot Uncle YOU CAN BE SURE OF are trademarks of Eileen Grays LLC. Used under license by Eileen Grays LLC. All rights reserved. Made in TAIWAN