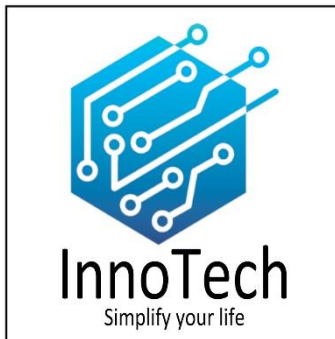


InnoTech.



User Manual.

V1.0

Universal Fan Speed Controller.

IT-UFSC-V01

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Introduction:

Thank you for purchasing this product. The Universal Fan Controller is a user-friendly, energy-efficient device designed to optimize fan performance in various settings. Compatible with multiple fan types (Table fans and Stand fans with or without its controller circuit.) This modification is an easy and simple installation. Ideal for improving air quality and comfort, this controller is suitable for residential and domestic use only.

Technical Specifications:

Supply voltage: 110 V – 240 V

Frequency: 50 Hz

Power factor: 0.9

Compatible for: Table fans and Stand fans with or without its controller board.

Supported fan motor wattage: 30 W – 55 W

Ampere rate: 0.5 A MAX

Fuse type: 230V / 0.7 A

Model Number: IT-UFSC-V01

Safety information:

Warning: Disconnect power before installing or servicing.

Caution: This product is designed for indoor use only.

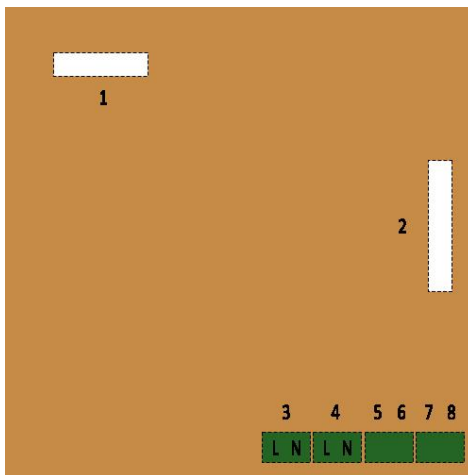
Avoid exposure to water or moisture.

Only use this product with compatible fan types.

Product overview:

This product can be used for the Table fans and Stand fans with or without its controller circuit. malfunctioned button-based switch board or malfunctioned control circuit can be replaced with our product.

Installation and quick-setup guide:



- 1 Front panel Push button terminal.
- 2 Front panel LED indicator terminal.
- 3.Swing motor connector terminal.
- 4.230 V AC Main Supply terminal.
- 5.Motor Common Wire Terminal.
- 6.Speed number 3 Wire Terminal.
7. Speed number 2 Wire Terminal.
8. Speed number 1 Wire Terminal.

Block Diagram of this Circuit board.

1. Remove your fan old, malfunctioning button-based switch board or malfunctioning control circuit with all its connected wire solder joints.
2. Remove about 1 cm (10 mm) wire rubber cover.
3. Connect the wires according to the correct order.
(Supply, Main Motor wires etc....)

Note: If your fan does not have Swing Motor, Leave it this Swing Motor Terminal block.

Warning: If your fan has an Earth Wire, Place the Earth wire correctly.

Functions of this module have:

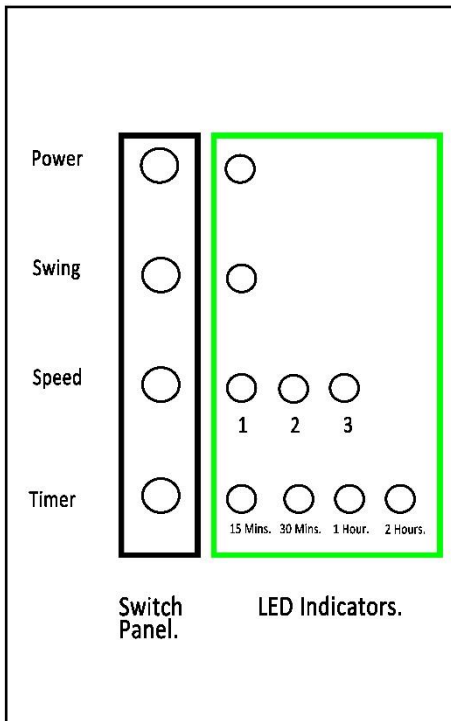
Power ON/OFF: Press the power button to turn the fan on or off.

Adjust Speed: Turn the speed buttons to control fan speed.

Timer function: 15 minutes to 2-hour timer.

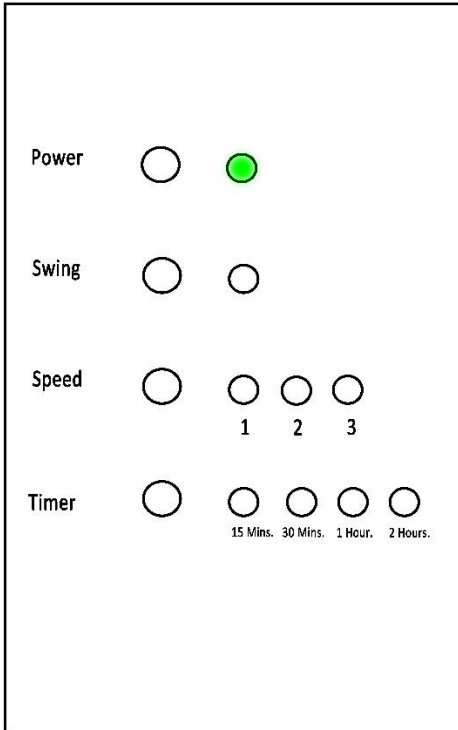
Swing function: Swings the fan motor head.

Front panel button layout:



How to operate Front panel.

Turn ON the Entire System.

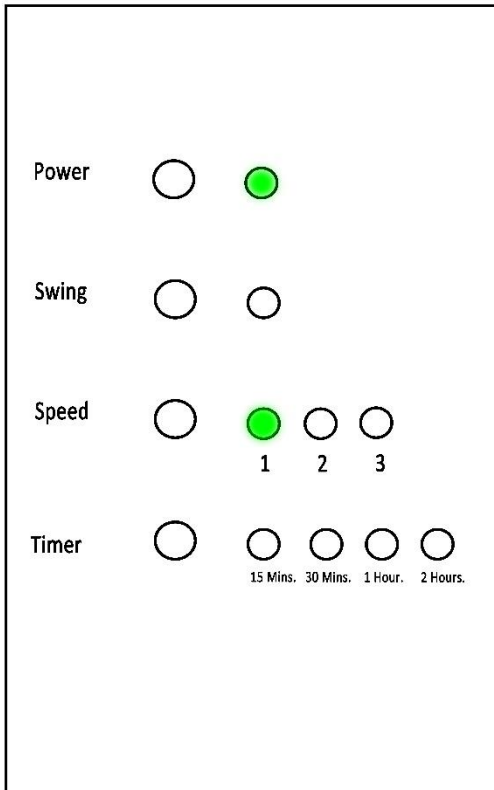


Press the Power Button once.

The system will turn ON.

With out pressing the Power button, The Whole system will not turn be ON.

Turn ON the Fan Motor and change the Speed

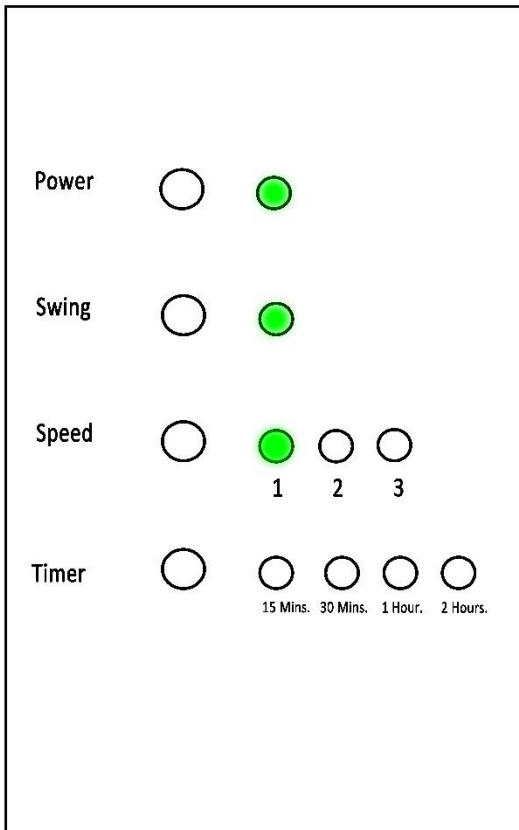


Whole System Must be Turn ON.

You can turn ON the Fan Motor by pressing the Speed Button.

Also, to change the Fan Motor speed, just press the speed button once. After You press the speed button it will increment by one speed step.

Turn ON the Fan Motor Swing Option.

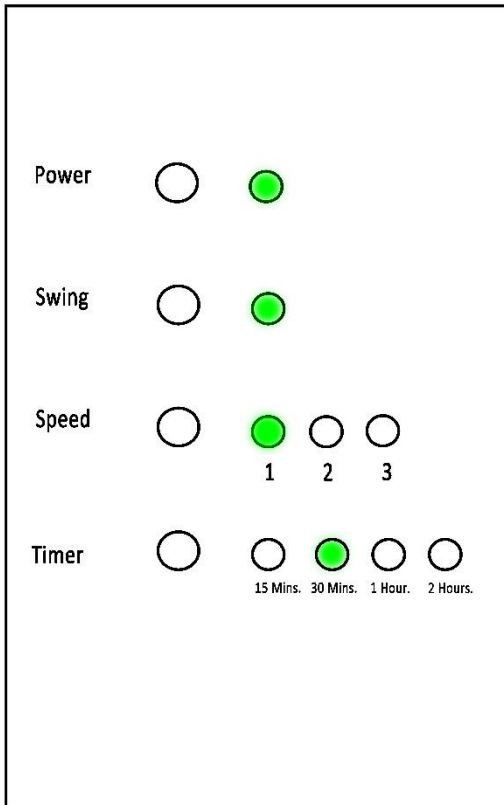


Whole System Must be Turn ON.

If Your Fan has a Swing motor, you can use this feature.

Also, Your Fan Motor MUST be Turn ON.

Turn ON the Fan Timer.



Whole System Must be Turn ON.

You can turn ON the Fan Timer by pressing the Timer Button.

Also, to change the Fan Motor ON time, just press the Timer button once. After You press the speed button, it will be increment by one Timer step.

When the Set timer has reached, The Whole system will be turn OFF.

Basic-Troubleshooting:

Problem 01: Fan will not be working according to the button order.

Solution: Check and rewire the Main Motor Terminal Block.

Problem 02: Automatically turn off the fan after some time.

Solution: Timer function might be turned on by accident.

Problem 03: All the functions are not working. Utility power available.

Solution: Check the included item protection fuse.

Problem 04: When I turn on the Swing option, nothing will swing.

Solution: Check the swing motor and its connection.

Problem 05: All the functions are working fine, except the fan blade.

Solution: Check the fan motor.

The Information of the Warranty Certificate:

This product includes a one-year limited warranty covering product defects. **(Mishandling this product might void the warranty.)**

For warranty claims, contact the dealer from which you purchased this product with proof of purchase (Bill) and Warranty certificate, or contact one of our customer care agents using the contact information below.

Package contents:

1 X Main Circuit Board.

1 X Front Panel Control Board.

1 X User Manual.

1 X Warranty Card.

Contact information:

Email: innotechlk.biz@gmail.com

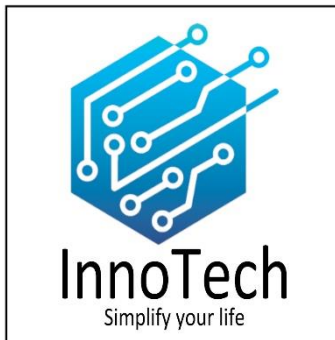
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IT-UFSC-V01

Made in Sri Lanka.