FANTECH WC 15

Fantech WC 15 Speed Control

User Instruction Manual

1. INTRODUCTION

The Fantech WC 15 is a rotary type variable speed controller designed to provide precise control over the speed of compatible fans and motors. It includes an integrated on/off switch for convenient operation. This manual provides essential information for the safe installation, operation, and maintenance of your WC 15 speed control.

2. SAFETY INFORMATION

Always observe the following safety precautions to reduce the risk of fire, electric shock, or injury:

- **WARNING:** Disconnect power at the circuit breaker or fuse box before installing or servicing the control.
- Installation must be performed by a qualified electrician in accordance with all local and national electrical codes.
- Do not exceed the specified electrical ratings of 120V and 5 Amp.
- Ensure all wire connections are secure and properly insulated.
- Do not operate the control with wet hands or in damp conditions.
- This control is designed for indoor use only.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Fantech WC 15 Speed Controller
- Brushed Aluminum Switch Plate
- Mounting Screws

4. SETUP AND INSTALLATION

The Fantech WC 15 speed control is designed to fit a standard single gang electrical box. Follow these

steps for proper installation:

1. **Turn off power:** Locate the circuit breaker or fuse that supplies power to the area where the control will be installed and turn it off. Verify that power is off using a voltage tester.

2. **Prepare wiring:** Carefully remove the existing wall plate and switch, if any. Identify the line (incoming power) and load (to fan/motor) wires.

3. **Connect wires:** Connect the wires from the WC 15 control to your electrical system. The control typically has two red wires for power connection and one green wire for ground. Connect one red wire to the incoming line wire and the other red wire to the load wire leading to the fan/motor. Connect the green wire to the ground wire in the electrical box. Ensure all connections are tight and secure.

4. **Mount the control:** Gently push the wired control into the electrical box. Secure it using the provided mounting screws.

5. **Install faceplate:** Attach the brushed aluminum switch plate over the control and secure it with its screws.

6. **Restore power:** Turn the power back on at the circuit breaker or fuse box.

Image: The Fantech WC 15 Speed Control, showing the grey faceplate with a black rotary knob, labeled 'Vati-Speed', 'HIGH', and 'OFF'. Red and green wires extend from the back of the unit, indicating connections for power and ground.

5. OPERATING INSTRUCTIONS

The Fantech WC 15 features a simple rotary knob for operation:

- **On/Off Function:** Rotate the knob fully counter-clockwise until it clicks to turn the connected device OFF. Rotate it clockwise from the OFF position to turn the device ON.

- **Speed Control:** Once the device is ON, continue rotating the knob clockwise to increase the speed, and counter-clockwise to decrease the speed. The knob is marked with 'HIGH' to indicate the maximum speed setting.

- **Low Speed Adjustment (WC15H model specific):** For WC15H (4-wire) models, there is an additional feature for high-speed bypass and a low-speed adjustment. Refer to the specific technical specification for the WC15H if applicable. The standard WC 15 allows for variable speed control within its range.

6. MAINTENANCE

The Fantech WC 15 speed control requires minimal maintenance:

- **Cleaning:** Periodically wipe the surface of the control and faceplate with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Occasionally inspect the control for any signs of damage or loose connections. If any issues are found, disconnect power and consult a qualified electrician.

7. TROUBLESHOOTING

If you experience issues with your Fantech WC 15 speed control, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Control does not turn on or operate.	No power to the control; loose wiring; faulty control.	Check circuit breaker/fuse. Verify wiring connections. If issues persist, consult an electrician or Fantech support.
Fan/motor hums or makes unusual noise at certain speeds.	Incompatibility with motor type; electrical interference.	Ensure the control is compatible with your motor type. Some motors may produce slight humming with speed controls. If excessive, consult Fantech support.
Speed control is inconsistent or erratic.	Overload; faulty control.	Ensure the connected load does not exceed 5 Amp. If the problem continues, the control may be faulty and require replacement.

8. SPECIFICATIONS

- **Model:** WC 15
- **Type:** Rotary Variable Speed Controller with On/Off Switch
- **Voltage:** 120V
- **Amperage:** 5 Amp
- **Dimensions:** Approximately 3 x 2 x 5 inches
- **Weight:** Approximately 4.16 ounces
- **Compatibility:** Fits standard single gang box
- **Manufacturer:** Fantech
- **Country of Origin:** Hong Kong
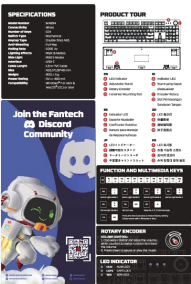
9. WARRANTY AND SUPPORT

For warranty information or technical support, please contact Fantech directly or refer to their official website. Keep your purchase receipt as proof of purchase for any warranty claims.

Fantech Contact Information:

- Visit the FANTECH Store on Amazon for more information and contact options.

Related Documents - WC 15

	FANTECH PAC4 Portable Cooler Quick Start Guide - Features and Usage Comprehensive quick start guide for the FANTECH PAC4 Portable Cooler. Learn about its technical specifications, product features, how to operate, and charge the device efficiently.
	Fantech EOS PRO WGP15 Wireless Game Controller User Manual Comprehensive user manual for the Fantech EOS PRO WGP15 wireless game controller, detailing its features, specifications, connectivity options for PC, Android, iOS, and consoles, button assignments, and troubleshooting tips.
	Fantech W193D Dual Mode Wireless Mouse Quick Start Guide A quick start guide for the Fantech W193D dual mode wireless mouse, covering technical specifications, connection instructions for 2.4GHz and Bluetooth, LED indicator status, and warranty information.
	Fantech Revolver GP12 Gaming Controller User Manual User manual for the Fantech Revolver GP12 gaming controller, covering setup, features, troubleshooting, and specifications for PC and PS3 gaming.
	Fantech Groove Aurora True Wireless Earbuds - User Manual & Overview Comprehensive guide to Fantech Groove Aurora True Wireless earbuds, covering features, technical specifications, usage instructions, pairing, safety information, and the Fantech Smart Life app integration. Ideal for gamers and everyday users seeking high-quality audio and low latency.
	Fantech MK894 Maxpower II Mechanical Gaming Keyboard Quick Start Guide Discover the Fantech MK894 Maxpower II mechanical gaming keyboard. This guide covers specifications, product features, wired connection, LED effects, and customization options for an enhanced gaming setup.