

[Manuals.plus](#) /

› [V-Guard](#) /

› V-Guard Mini Crystal Supreme TV Stabilizer User Manual

V-Guard Mini Crystal Supreme

V-Guard Mini Crystal Supreme TV Stabilizer User Manual

Model: Mini Crystal Supreme (B073FFVN71)

1. PRODUCT OVERVIEW

The V-Guard Mini Crystal Supreme TV Stabilizer is designed to protect your television and set-top box from voltage fluctuations. This device ensures a stable power supply, enhancing the lifespan and performance of your connected appliances. It is suitable for Smart TVs up to 82 cm (32 inches) and compatible with home theatre systems and gaming consoles.



Image 1.1: The V-Guard Mini Crystal Supreme TV Stabilizer, a compact device designed to protect electronic appliances from voltage fluctuations.

2. KEY FEATURES

- **Wide Input Working Range:** Operates effectively within an input voltage range of 90-290 VAC, providing stable output.
- **1.3 Ampere Capacity:** Sufficient capacity for TVs up to 32 inches and a set-top box.
- **Initial Time Delay System:** A built-in 8-second time delay protects the TV's compressor by providing a gradual power supply, reducing wear and tear.
- **High and Low Voltage Cut-Off:** Automatically disconnects power during extreme voltage spikes or dips to safeguard connected devices.
- **Built-in Thermal Overload Protection:** Detects excessive heat and shuts down the power supply to prevent damage from overheating.
- **Spike Protection:** Utilizes Metal Oxide Varistor (MOV) technology for effective protection against sudden voltage surges.

- **User-Friendly Status Indication:** Features a bi-colour LED display for easy monitoring of input and output status.
- **Durable Design:** Constructed with a premium-looking ABS cabinet for longevity and aesthetic integration.

Safety is always Our Priority



Smart Input Voltage Correction

Advanced Analog Micro-controlled Design



Complete Appliance Protection

Built-in Thermal Overload Protection



Effective Spike Protection

Metal Oxide Varistor

Image 2.1: Overview of the stabilizer's safety features, including Smart Input Voltage Correction, Complete Appliance Protection, and Effective Spike Protection.

The Crystal Effect

Wide Working Range



1.3 A Capacity	8 s Time Delay
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Image 2.2: Details on the wide working range (90-290 VAC), 1.3 Ampere capacity, and 8-second time delay feature.

Elegance meets Convenience



Premium-looking ABS Design

Black Wall Mounted Cabinet



User Friendly Status Indication

Bi-Colour LED Display

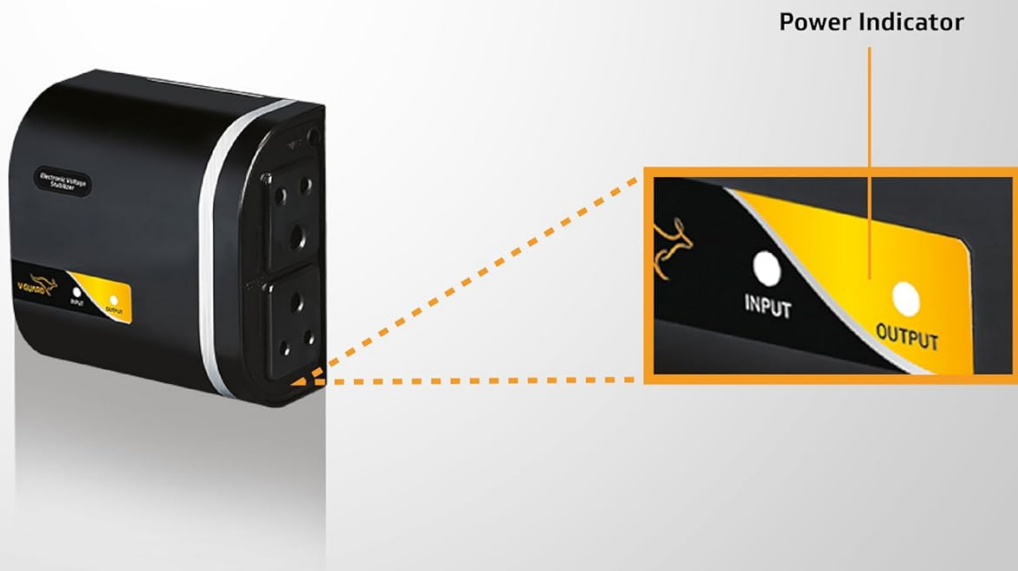


Image 2.3: Illustrates the premium ABS design and the bi-colour LED power indicator for user-friendly status updates.

3. TECHNICAL SPECIFICATIONS

Specification	Value
Mounting Type	Wall Mount
Movement Type	Fixed
Material	Acrylonitrile Butadiene Styrene (ABS)
Colour	Black
Compatible Devices	Television, Home Theatre System, Gaming Console
Maximum Supported Screen Size	32 Inches (82 cm)
Minimum Supported Screen Size	24 Inches

Specification	Value
Item Weight	1.25 Kilograms
Input Voltage Range	90-290 VAC
Capacity	1.3 Ampere
Time Delay	8 seconds

4. INSTALLATION GUIDE

Follow these steps for proper installation of your V-Guard Mini Crystal Supreme TV Stabilizer:

- 1. Locate a Suitable Place:** Choose a wall location near your television and other connecting equipment. Ensure it is away from direct sunlight, heat sources, and moisture.
- 2. Mark Drilling Holes:** Mark the positions for drilling holes on the wall. The recommended distance between the holes is 140 mm.
- 3. Drill Holes:** Drill holes with a diameter less than 7 mm at the marked positions.
- 4. Insert Plastic Plugs:** Insert the provided plastic plugs into the drilled holes.
- 5. Mount Stabilizer:** Insert the steel screws into the plastic plugs and securely mount your Mini Crystal Supreme Stabilizer on the wall.

Installation Procedures

- 1** Locate a suitable place on the wall near the connecting equipment
- 2** Mark the Drilling Holes Position (140 mm apart)
- 3** Drill the holes (Hole Diameter less than 7 mm)
- 4** Place the plastic plugs in the holes
- 5** Insert Steel Screws and Mount your Crystal Plus Supreme Stabilizer



Product Net Weight : 1.25 Kg

Inside the Box



Main Unit



User Manual/
Warranty Card



Wall
Mounting Plug



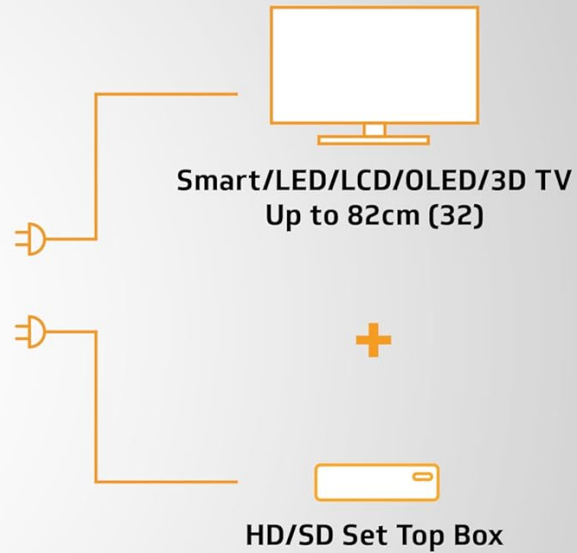
Screws

Image 4.1: Step-by-step visual guide for wall mounting the stabilizer, including dimensions and weight information.

Connecting Your Devices

Connect your TV and set-top box to the designated sockets on the stabilizer. The stabilizer features separate sockets for HD/SD Set Top Box and Smart/LED/LCD/OLED/3D TV. Use a multipin adapter if connecting additional compatible loads within the 1.3 Ampere capacity.

The Ultimate Protector



Plug & Socket
Rating: 6 A



For HD/SD Set Top Box

For Smart/LED/LCD/
OLED/3D TV

Use Multipin to connect extra load

Image 4.2: Diagram showing how to connect a Smart TV (up to 82cm) and an HD/SD Set Top Box to the stabilizer, indicating the 6A plug & socket rating.

5. OPERATING INSTRUCTIONS

Once installed and connected, the stabilizer operates automatically. The bi-colour LED indicator provides status information:

- **Green LED:** Indicates normal operation and safe voltage output.
- **Red LED:** Indicates high/low voltage cut-off or thermal overload protection activated.
- **No LED:** Indicates no input power or the unit is switched off.

The initial time delay of 8 seconds will activate upon power-on or after a power restoration, allowing the TV's compressor to stabilize before receiving full power.

6. SAFETY INFORMATION

- Do not open the stabilizer casing. Refer all servicing to qualified personnel.
- Ensure the stabilizer is installed in a well-ventilated area.
- Avoid exposing the unit to water or excessive moisture.
- Do not overload the stabilizer beyond its specified 1.3 Ampere capacity.
- Keep out of reach of children.
- In case of smoke, unusual smells, or abnormal operation, immediately disconnect power and contact customer support.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Stabilizer not turning on / No LED indication	No input power; Power switch off; Blown fuse.	Check main power supply; Ensure power switch is ON; Check and replace fuse if necessary (refer to manual for fuse type).
Red LED is ON, no output power	Input voltage is too high or too low; Thermal overload activated.	Wait for voltage to return to normal range; Allow unit to cool down if thermal overload is suspected.
Output power fluctuates	Unstable input power; Overload.	Ensure input power is stable; Reduce connected load if exceeding 1.3 Ampere capacity.
Connected device not working	Device fault; Incorrect connection.	Check device's own power supply and functionality; Verify all connections are secure.

If the problem persists after attempting these solutions, please contact V-Guard customer support.

8. WHAT'S IN THE BOX

Upon opening the package, you should find the following items:

- 1 x V-Guard Mini Crystal Supreme TV Stabilizer (Main Unit)
- 1 x User Manual / Warranty Guide
- Wall Mounting Screws

9. WARRANTY AND SUPPORT

The V-Guard Mini Crystal Supreme TV Stabilizer comes with a **3-year warranty** from the date of purchase. Please retain your purchase receipt for warranty claims.

For any service, support, or warranty-related inquiries, please contact V-Guard customer service:

- **Phone:** 012 0485 0100, 1860 180 3000
- **Email:** customercare@vguard.in
- **Manufacturer Address:** V-Guard Industries Ltd. 42/962, Vennala High School Road, Vennala, Kochi- 682028, Kerala, India.

For more information, you may also visit the official V-Guard website or refer to the detailed warranty guide included

in the box.

Meet your TV's Perfect Match

For Smart TVs up to 32"

Warranty: 3 Year

Image 9.1: The stabilizer shown alongside a television, highlighting the 3-year warranty.