MICROTEK

Pearl

AUTOMATIC VOLTAGE STABILIZER

Perfect Choice for
Inverter & Normal Air Conditioner

Elegant New Design

3 Years WARRANTY



PEARL EM4090 | PEARL EM4110 | PEARL EM5090

USER MANUAL & WARRANTY CARD

Congratulations on selecting **MICROTEK Pearl Series Automatic Voltage Stabilizer** & subsequently joining the family of the millions of satisfied users of Microtek Products. Before using this Stabilizer, please read this manual carefully to familiarize yourself with all its features, controls and safety precautions.

Enjoy Stabilized and Safe Power for Your Expensive Air-Conditioners!

Each **MICROTEK Pearl Series of Automatic Voltage Stabilizer** is manufactured under stringent quality standards and is the Perfect Guard for your equipment from voltage fluctuations and can withstand upto 300V AC input. Please ensure that voltage above specified level is not fed to the stabilizer, as that can cause serious damage to the stabilizer and/or connected equipment, in which case the Warranty will become null & void. This Stabilizer is designed to work up to 50°C ambient temperature. Surge or spike protection is not provided in this stabilizer.

MODEL	PEARL EM4090	PEARL EM4110	PEARL EM5090
Application	For 1 Air-Conditioner upto 1.5 Ton		For 1 Air-Conditioner upto 2.0 Ton
Capacity	12A	12A	15A
Working Input Voltage Range (±5V)	90V-300V AC	110V-300V AC	90V-300V
Mains AC Low Cut	90V±5V	110V±5V	90V±5V
Mains AC High Cut	300V±5V	300V±5V	300V±5V
Display Indications	DIGITAL	DIGITAL	DIGITAL
Delay Time (Max.)	10Sec.±2Sec.	10Sec.±2Sec.	10Sec.±2Sec.
Delay Time Technology	STD	STD	STD

IMPORTANT INSTRUCTIONS: Connect your equipment to MICROTEK Stabilizer and subsequently connect the stabilizer to the mains through 32A or above rated C curve MCB for Pearl EM4090 and 40A or above rated MCB for Pearl EM 5090 model. Make sure that the connections are not loose & the earthing is proper. This unit is provided with Digital Display, which displays following status:

DIGITAL DISPLAY INDICATIONS

High Cut Off : Hi **Low Cut Off :** LO **Delay :** dLY

Over Heating : OhT

Input : Continuous On Display

Output : Press the Switch to read the Output

If the Input voltage remains out of the working Input Range, the Stabilizer will not give output voltage & remain in Low Cut or High Cut mode. As and when the Input voltage returns within the working Input Range the Stabilizer will automatically give output after defined delay.

NOTE: Because of a policy of continuous product improvement, the specifications are subject to change without prior notice.

TERMS AND CONDITIONS OF WARRANTY

MICROTEK International Pvt. Ltd., warrants each instrument to be free from defects in materials and workmanship for a period of **Three years** from the date of purchase. This obligation is limited to servicing any instrument or part returned to the authorised service center for that purpose and to making good any parts thereof which shall, within the warranty period, be returned to the company or authorised Service center under a written intimation and which to the company's satisfaction be found defective.

The warranty does not cover damages caused to the cabinet or any trouble arising because of misuse of the stabilizer by over-loading or repair done by any unauthorised person. Furthermore the warranty is subject to the condition that repair if any must be done by company's service personnel only. The warranty is for the stabilizer only and liability for consequential loss or damage will neither be accepted nor is it implied. The warranty will be void if the product is tampered with.

Caution: Opening MICROTEK Stabilizer may disturb the calibration. Only experienced engineers can re-calibrate the unit with the help of sophisticated test equipment. It is not advisable to connect 60Hz equipment with this stabilizer. Remove the pin top of the stabilizer from the mains input socket during lightning.

*All disputes, if any are subject to Delhi jurisdiction only.

Sl. No. _____

Inspected By: _____

Buyer's Name _____

Bill No. _____ Dated: _____

Dealer's Stamp and Signature

(This card is not valid unless duly filled in & stamped by our Dealer)

MICROTEK

CUSTOMER CARE

MICROTEK INTERNATIONAL PVT. LTD.

H-57, Udyog Nagar, Rohtak Road, New Delhi-110041

Microtek Customer Care: All India: **7283838383**

WhatsApp: 8800255733

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ISO 14001:2015 ISO CERTIFIED ENVIRONMENTAL SYSTEM CERTIFICATION

ISO 9001:2015 ISO CERTIFIED QUALITY SYSTEM CERTIFICATION

CE

MADE IN INDIA

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