

JVC

ISOLATION TRANSFORMER

Instructions

AA-V31E

Dear Customer,

Thank you for purchasing the JVC Isolation Transformer AA-V31E. Before use, please read the safety precautions below to ensure safe use of your new Isolation Transformer.

For Customer Use:

Enter below the Model No. and Serial No. which are located on the rear of the cabinet. Retain this information for future reference.

Model No. _____

Serial No. _____

Safety precautions

WARNING:

To prevent fire or shock hazard, DO NOT expose this unit to rain or moisture.

WARNING:

To prevent electrical shock, DO NOT remove the Isolation Transformer cover.

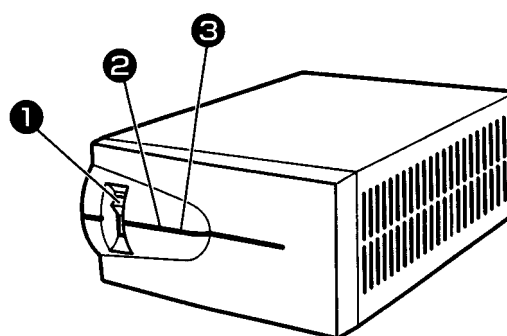
WARNING:

The Isolation Transformer's "thumb screw" ground-stud is to be used to connect items such as static discharge floor mats or telephone switch grounds that contain a single conductor ground.

Any equipment that is not connected via a 3-conductor power cord will be floating above ground. If the end user elects to provide additional grounds, they *must be* tied to the ground-stud.

WARNING:

This equipment is not sterilized.



- ① Breaker/power switch
- ② Power lamp (Green LED)
- ③ Ground indicator lamp (Red LED)

INTRODUCTION

JVC Isolation Transformer AA-V31E is designed to protect electronic microprocessor-based systems from problems caused by power line disturbances.

The model you have purchased is designed for use together with the AC Power Adapter AA-V112E and MICRO HD CAMERA DZ-VCA1SE for medical applications.

INSPECTION

Remove the Isolation Transformer from the shipping container and inspect it for shipping damage. Do not install or operate the product if it appears to be damaged in any way. If damaged, notify the carrier and seller immediately.

ENVIRONMENTAL CONSIDERATIONS


This Isolation Transformer has environmental requirements similar to other medical devices. It has been designed for indoor use only, in areas where it will not be exposed to excessive dust or moisture. Make certain that there is adequate air flow around the unit. Do not place objects on top of or near the unit which could obstruct the air vents. For installation, please refer to the MICRO HD CAMERA DZ-VCA1SE Instruction Book.

SIZING INFORMATION AND INSTALLATION PROCEDURE

The name plate on the rear panel lists the Isolation Transformer voltage and current ratings. Observe that the input current rating is not exceeded when connecting equipment. Ask that installation be performed by a JVC authorized dealer.

OPERATING INSTRUCTIONS

Turn all load equipment ON.

Turn the Isolation Transformer circuit breaker ON. Observe that the front-panel green LED is illuminated. Observe that the red LED (marked ) is not illuminated (place the Isolation Transformer on a non-grounded surface such as a carpet, wooden table, or magazine for this test).

CAUTION:







If the red LED is continuously flashing, the wall receptacle (powering the Isolation Transformer) is not connected to the system safety ground. Immediately contact an electrician to correct the wiring discrepancy.

IMPORTANT NOTE:

The red LED is not intended to test general wiring integrity. Hot-neutral reversal, neutral-ground reversal, and/or other wiring errors will not illuminate the red LED.

Once the Isolation Transformer has been properly installed per the installation instructions, the Isolation Transformer and load equipment can be turned ON/OFF via the Isolation Transformer circuit breaker (and if not externally circuit breaker equipped, via the panel circuit breaker).

Symbols indicated on this equipment have the following meanings.

	Attention, consult ACCOMPANYING DOCUMENTS
	Dangerous voltage
	Alternating current
	Off (power: disconnection from the mains)
	On (power: connection to the mains)
	Equipotential terminal

SPECIFICATIONS

Isolation Transformer

■ Manufacturer	: Victor Company of Japan Limited
■ Model No.	: AA-V31E
■ Classification	: CLASS I
■ Input	: 230 V AC \sim 1.50 A 50 Hz
■ Output	: 120 V AC \sim 2.7 A 50 Hz

Accessories

■ Plug retainer bracket	x 4
■ Torx head screw	x 11
■ Cover plate	x 3
■ Flat washer	x 4
■ Split locking washer	x 11
■ Input cord holder	x 1

TECHNICAL AND SERVICE ASSISTANCE

JVC offers technical and customer service assistance. Please contact us at the following address.

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