

1.0 Introduction

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The projector accepts a variety of inputs and operates with a wide range of frame and raster rates. The projector meets these requirements with sophisticated computer terminal control, a unique optics system, a very high-powered projection arc lamp and the Hughes-JVC unique ILA[®] (Image Light Amplifier) assembly.

The projector is designed to be used for the projection of images and graphics, as shown in this manual. It should not be used for purposes it was not designed for.

1.1 Shipping and Inspection

The projector is shipped in one of two shipping containers. The standard shipping container is not reusable and is normally used when the projector is permanently mounted. A reusable, airtight container is optional if the projector is moved often. The containers are equipped with tilt and drop indicators.

Upon arrival, inspect the container for any abnormal readings, dents, gouges and any other evidence of rough handling. Immediately report any abnormal readings or conditions to the shipping company.

After removing the projector from the shipping container, inspect the projector's exterior for signs of shipping damage like scratches, abrasions, cracks on paint, or other surfaces.

1.2 Items Shipped with the projector

The following items are shipped with every Model 230:

- One Infrared (IR) remote control.
- 1 User's Guide
- 1 Shipping Case (non-reusable)
- 1 Zoom Lens

- 1 Graphics Enhancer Plus Input Card
- 1 RGBHV Input Card
- 1 Setup Restoration Disk (contains backup factory setup data-see Section 5.3.2, Factory Preset Channels/Sources and Appendix B for importing).

1.3 Options

The following options are available for the Models 230 projector when ordered through Hughes-JVC:

- 150' Tether Cable for remote
- Extron System 8 or System 10 Switcher
- Service Manual
- Faroudja LD200/200U Line Doubler
- Faroudja VP400 Line Quadrupler
- Reusable Shipping Container
- Optional Input Cards; include a Quad Decoder (for NTSC, PAL, SECAM, and S-Vid), HDTV (YPbPr), and a 4X RGB Mux (4 RGB input).
- 1:1 lens, 1.5:1 Lens, 3:1, 7:1 Lens.
- Extended Geometry Board Set
- Backlit Tethered Technician Remote

1.4. Projector Control

Use a remote control or a PC terminal to control the projector.

1.5 Right and Left Orientation

References to the right and left side of the projector are with the operator standing behind the projector as the projector is directed at the screen (*Figure 1-1*).

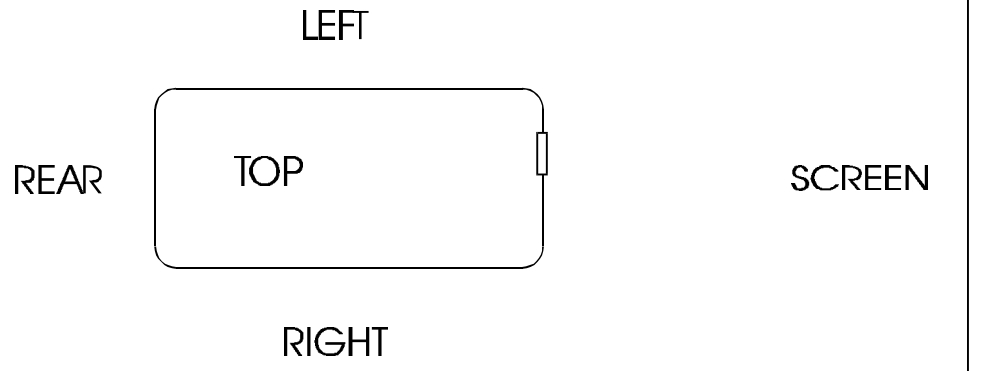


Figure 1-1. Top view, left/right designation.

1.6 Acronyms Used in Manual

CH	Channel
CRT	Cathode Ray Tube
HVPS	High Voltage Power Supply
ILA [®]	Image Light Amplifier
IR	Infrared
LVPS	Low Voltage Power Supply
PCB	Printed Circuit Board
PC	Personal Computer
RGB	Red, Green and Blue
UV	Ultraviolet
VIC	Video Input Card
VNR	Video Noise Reduction
VTR	Video Tape Recorder

1.7 Software Updating

Procedures to update the Boot Manager and/or System Software can be found in Section 5.14.

