

1.0 Introduction

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The Hughes-JVC Model 340SC Projector accepts a variety of inputs and operates with a wide range of frame and raster rates. The projector meets these technical requirements with sophisticated computer terminal control, a unique optics system, a very high-powered projection arc lamp and Hughes-JVC unique ILA® (Image Light Amplifier) assembly.

The projector is intended to be used for the projection of video 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 Model 340SC is shipped in an airtight custom-made shipping container. The container is 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 exterior of the projector for signs of shipping damage, such as scratches, abrasions, cracks on paint, or other surfaces. Report any damage to the shipping company.

1.2 Items Shipped with the Model 340SC

The following standard items are shipped with every Model 340SC Projector:

- One set of 3-projection lenses, installed
- One Infrared (IR) remote control
- One Projector Data Backup Disk (contains backup factory setup data-see Section 4.2, Channels and Appendix A, Section 4.5, Import Channel Data).
- 1 Operator's Manual
- Shipping Case

1.3 Options

The following options are available for use with the Model 340SC, when ordered through Hughes-JVC, unless otherwise indicated.

- Tethered technician remote, (identical to the I/R remote), with an additional 4-line, 20-character LCD display and backlit control panel and optional 25', 50', or 75' tether cable for above (plugs into jack on the back of the projector).
- Extron System 8 or System 10 Switcher
- I/R Repeater for use with rear projection setup or with long distances (greater than 50') from the remote to the projector
- 100' or 150' Cable for above IR Repeater
- Service Manual
- Faroudja LD200 Line Doubler
- Faroudja LD200U Line Doubler for PAL
- Faroudja VP250 Line Doubler
- Faroudja VP400 Line Quadrupler
- Faroudja VP400AU Line Quadrupler for PAL
- Contrast Enhancers (sold individually for each color)
- Decoder Board for NTSC, PAL, SECAM, SVID, SVHS sources.
- Extended Range Keystone Board Set (contact HJT for further information).

1.4. Projector Control

This manual makes reference to controlling the projector through an attached terminal, PC or with one of three remote controls. *Section 5.4, Keyboard Command Equivalents*, lists the keyboard command equivalents for the remote control keys.

1.5 Right and Left Orientation

References made to the right and left sides of the projector are with the operator standing behind the projector. (Figure 1-1).

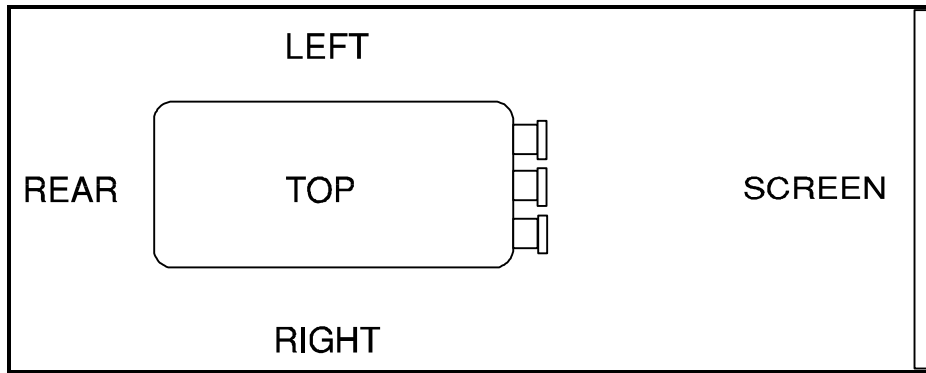


Figure 1-1. Top view, left/right designation.

1.6 Acronyms Used in Manual

CH	Channel
CRT	Cathode Ray Tube
HDTV	High Definition Television
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	Ultra Violet
VTR	Video Tape Recorder

This manual makes references to **R**, **G** and **B**. These letters refer to **Red**, **Green** and **Blue**.

1.7 Projector Data Backup Disk

A data backup disk is shipped with each projector. This disk contains the factory setup data for the factory-preset, preshaded channels listed in Section 4.2. Information on how to download this setup data to the projector can be found in Appendix A, Section 4.5.

