

Roadster X4

4000 ANSI Lumens
3-chip DLP™ Christie light engine
ILS™ Intelligent Lens System
Xenon Cermax® illumination system
Full DTV & HDTV compatibility
Widest Lens suite
Built-in light shutter



The Roadster X4 delivers unmatched greyscale consistency and colour temperature stability in a package that consumes almost 50% less power than its nearest rival.

Fitted with a digital interface, the Roadster X4 can project a digital signal from source to screen without conversation, ensuring 100% digital reproduction every time. The ideal choice for projecting DTV and HDTV images as they were intended. Rugged, robust and reliable (approved 3rd party testing to military-grade standards) this 42 kilo projector, takes the stress and strain out event staging.

Specifications

BRIGHTNESS

- 3500 ANSI Lumens
- Over 90% brightness uniformity across the screen

CONTRAST RATIO

- Greater than 250:1 ANSI, greater than 400:1 full field

RESOLUTION/DIGITAL PROCESSING

- 3 CHIP 0.9" DMD™ (Digital Micromirror Device) system
- True XGA 1024x768 chip Resolution
- 13 bit user selectable gamma table
- More than 1 billion displayable colours

DYNAMIC SCALING

- Resizing capabilities to scale down from 1600x1200 and up from 640x480 to the XGA resolution of DMD

Independent horizontal and vertical size adjustment for graphics and video inputs

HORIZONTAL FREQUENCY RANGE

- 15 to 120kHz

VERTICAL FREQUENCY RANGE

- 24 to 120kHz

FIELD INTERCHANGEABLE OPTIONAL LENSES

- Fixed Short throw lens: 1:2:1
- Zoom Lenses: 1.5-2.2:1, 2.2-4:1 and 4-7:1
- Up to 130% of vertical lens offset for off-axis projection
- Up to 80% of horizontal lens offset
- Compatibility with VistaGRAPHX lenses:0.8:1, 2.5-4:1, 4-7:1 (adapter required)

Screen size 1.5m-12.2m (5ft -40ft) diagonal

POWER LENS MOUNT

- Fully - motorised (with manual override) lens, focus, zoom, and horizontal and vertical offset
- Unique ILSTM (intelligent lens system) - Lens position (zoom, focus, horizontal and vertical offset) is automatically recalled during channel switching
- Lens "bayonet-style" insertion system
- Lens mount tilt adjustment
- Built - in light shutter

INPUTS

- Built-in RGB/YUV/YpbPr inputs allowing separate H and V syncs, composite sync and sync-on green/luma (5 BNC connectors)

Multi-standard Video Decoder Module(NTSC 3.58, NTSC 4.43, PAL, PAL 60, PAL M, PAL N, SECAM) with one composite video input (BNC and RCA connectors) and one S-video input (two BNC and 4 pin mini-DIN connectors)

- Built in Audio Control Module with 4 stereo audio inputs and 1 stereo output (RCA connectors)
- Slot for an optional input module
- Full compatibility with Marquess Signal Switcher and third party switchers

HDTV/DTV Compatibility

- Full HDTV/DTV compatibility on analogue RGB/YpbPr inputs
- Accepts 480i, 480p, 576p, 720p, 1035i, and 1080i formats at all applicable frame/field rates
- Accepts 1080p at 24, and 25 and 30 Hz frame rates
- Optional HDTV serial Digital Input Module

VARIOUS KEYPADS

- Standard hand-held IR backlit remote keypad, front and rear infrared sensors
- Built in backlit keypad
- Optional RS422 two-way remote controller with LCD display using 6pin XLR connector with range of 600ft (183m)
- Optional Wired backlit remote keypad with 3 pin XLR connector

CONTROL NETWORKING

- Third party control system and switcher compatibility
- Dual RS232 ports for computer control, with loop through for connection for multiple projectors

Dual 6 pin XLR RS232 ports for connection of optional LCD two-way controllers and loop through to multiple projectors up to 6000ft (183)

DIAGNOSTICS

- Built in LCD diagnostic display indicates operational status and error messages
- Power and Status LED

Full diagnostics through RS232 9 pin D connector

GRAPHICAL USER INTERFACE

- Auto set -up feature
- "Direct Access" intuitive user interface for complete projector control in 5 world languages
- On screen user movable menus to fit different image aspect ratios (4:3, 5:4, 16:9, etc)
- On screen help menus
- 100 channel memories

Auto power feature

LAMP SPECIFICATION/COLOUR TEMPERATURE

- 1200W CERMAX Xenon illumination system
- Pre-aligned lamp module
- Constant colour temperature over the lamp life
- User replaceable lamp within 5 minutes
- Typical lifetime 1,000 hours

VARIABLE LAMP POWER SUPPLY/LIGHT OUTPUT CONTROL (LITELOCTM)

- "Auto Brightness" mode to maintain constant brightness over time
- "Lamp Conserve" mode to extend the lamp life

"Max Brightness" mode for maximum light output

POWER REQUIREMENTS

- Line voltage 220V AC to 240 VAC +/- 10% @ 50/60 Hz
- Power consumption: 1500 W maximum
- Thermal dissipations: 5150 BTU/hr

WEIGHT AND SIZE

- 41.8kg (92 lbs.)
- 64.8cm (W) x 76.7 cm (L) x 30.2cm (H) 25.48" (W) x 30.19 (L) x 11.88"(H)

STANDARD ACCESSORIES

- 14.8kg (92 lbs)

64.8cm (W) x 76.7cm (L) x 30.2cm (H) 25.48" (W) x 30.19" (L) x 11.88" (H)