

H79

Optoma's H79 flagship home theater projector features hand-picked optics and DarkChip3™ DLP™ for those who demand the best

The Optoma H79 home theater projector is “one step closer to home theater perfection,” according to ProjectorCentral.com. The flagship H79 is part of Optoma's Custom Series line, which offers the best in home theater entertainment. Each key component of the H79 has been hand-selected to deliver amazing quality and provide the most vivid, clear and immersive digital experience possible. With Texas Instrument's DarkChip3™ DLP™ technology, the H79 delivers a wider and smoother color palette with virtually no dithering, as well as incredibly rich images that won't fade or degrade over time. The Optoma H79 home theater projector is ideal for the most discerning of home theater enthusiast.

The Optoma Custom Series is available only through authorized Optoma dealers.

- ◆ **Advanced DarkChip3™ DLP™ Technology**
- ◆ **HDTV native for viewing widescreen TV signals**
- ◆ **Expanded connectivity includes DVI-I, BNC, component and S-Video hookups**
- ◆ **4500:1 contrast ratio – twice that of a professional theater – delivers subtle color details**
- ◆ **Bright 1000 lumens rating**
- ◆ **Lamp life of 3,000 hours while operating at 23 decibels**

SPECIFICATIONS

Brightness: (typical)
1000 lumens

Resolution:
720p native (1,280 x 720)
UXGA (1,600 x 1,200)
compression

Contrast Ratio: (full on/full off)
4500:1

Lamp Life and Type:
3,000 hours 250W UHP

Display Type:
DarkChip3 0.79-inch 12-degree DLP™ from Texas Instruments

Throw Ratio: (distance/width)
1.6:1 - 2.16:1

Image Size: (diagonal)
20.9 to 338.8 inches
(0.53 to 8.6 meters)

Projection Distance:
3.28 to 39.37 feet
(1.0 to 12 meters)

Noise Level:
23 dB

Compatibility:
VGA, SVGA, XGA, WXGA, UXGA
compression ,Full NTSC/PAL/SECAM,
VESA, Mac, PC True HDTV (720p, 1080i) &
480/p, 576i/p

Communications:
Dual +12V trigger relay, RS-232 controls

Lens Shift:
Enables image to be displayed 100% above
or below the center of the lens

User Controls:
Advanced adjustability offered through
onscreen display menus

I/O port:
Inputs: DVI-I/HDCP, BNC, YcbCr/YpbPr,
RCA-type jack, S-Video, dual IR receivers
Outputs: Dual +12V relay, RS-232

Power Consumption:
320 watts, <20 watts in standby mode

Power Supply:
AC Input 90 to 264 volts, 50-60 Hz

Projection Lens:
f=28.3 – 38.2 mm, F/2.4-2.69, 1.35x power
zoom and focus

Operating Temperature:
23 - 95°F (-5 - 35°C)
80% maximum humidity

Storage Temperature:
14 - 140°F (-10° - 60°C)
80% maximum humidity

Weight:
16.5 pounds (7.5 kg)

Dimensions (w x h x d):
16.9 x 5.3 x 12.0 inches
(430 x 135 x 305 mm)

Warranty:
1 year advance replacement
Three-year, limited parts and
labor

Standard Accessories:
DVI-I to HDMI adapter, AC
power cord, S-Video cable,
composite cable, Remote
control, lens cap, two batteries,
user manual, RS232 cable

UPC:
796435 11 597 5

Custom
SERIES

