

H78DC3

The H78DC3 Home Theater Projector from Optoma combines the best engineering expertise with the latest DarkChip3™ DLP™ technology

The H78DC3 combines the latest DC3 chipset from Texas Instruments with Optoma's renowned engineering expertise to deliver an amazing home theater projector. The Optoma H78DC3 provides vivid, crisp digital images that won't fade or degrade over time and provides HDTV native picture quality. The H78DC3 is home theater perfection.



- ◆ **Advanced DarkChip3™ DLP™ Technology**
- ◆ **HDTV native for viewing widescreen TV signals**
- ◆ **4000:1 contrast ratio – delivers subtle color details**
- ◆ **5x, 8-segment DVE color wheel technology with additional dark segments**
- ◆ **800 lumens rating**
- ◆ **Lamp life of 2,000 hours while operating at 25 decibels**
- ◆ **Expanded connectivity includes DVI-I, BNC, component and S-Video hookups**



SPECIFICATIONS

Brightness: (typical)
800 lumens

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

Contrast Ratio: (full on/full off)
4000:1

Lamp Life and Type:
2,000 hours 250W UHP

Display Type:
DarkChip3 0.79-inch

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

Image Size: (diagonal)
21 to 282 inches
(0.5 to 7.2 meters)

Projection Distance:
3.28 to 32.8 feet
(1.0 to 10 meters)

Noise Level:
25 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:
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:
Two-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:
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