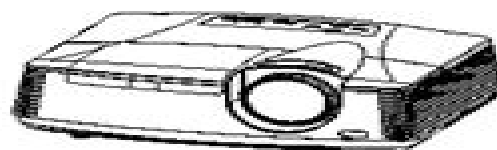




# Service Manual

## DLP™ PROJECTOR



MODEL  
**HC4000**

**20 Solder, 20 Joints, 20 PCA**  
It is important to use the correct solder on the circuit boards. For replacing circuit boards, see "Precautions for re-soldering" in this Service Manual.

This model is RoHS-compliant. Provide servicing referring to "NOTES FOR SERVICING RoHS-COMPLIANT PRODUCTS" described in the service manual.

### CAUTION

Before servicing this chassis, it is important that the service person reads the "PRODUCT SAFETY NOTICE" in this service manual.

### SPECIFICATIONS

- Rated power supply : 100-240 V AC, 50/60 Hz
- Power consumption : 3.3A
- Display technology : 0.65 inch Single chip Digital Micromirror Device (DMD)
- Pixels : 1,920 x 1,080 = 2,073,600 pixels
- Projection lens : F3.0 3.5, F20.6 30.1 mm
- Light source lamp : 230 W
- Picture Size : 50" min. to 300" max.  
(projection distance 1.5 to 9.3 m (Wide))
- PC compatibility : Maximum resolution: 1600 x 1200 dots  
Panel resolution: 1920 x 1080 dots
- Video compatibility : NTSC / NTSC-4.43 / PAL / PAL-M /  
/ SECAM / AU, G /  
Compos. Video (DMD/HDTV)  
680p, 576p, 720p, 1080p  
Luminance signal: 1.0 Vp-p  
75Ω (negative sync)  
Chroma signal: 0.286 Vp-p 75Ω  
(burst signal)
- S-Video input : 1.0 Vp-p 75Ω (negative sync)  
Y: 1.0 Vp-p (negative sync)  
C: 0.7 Vp-p  
Y: 1.0 Vp-p (negative sync)  
C: 0.7 Vp-p  
H-DCS, TTL level (positive or negative)  
VD: TTL level (positive or negative)  
HDMI (18 pin)  
HDMI interface (TMDS single link)  
Serial terminal (RS-232C) (Mini D-sub)  
345 x 129 x 276 mm (width x height x depth)  
Approx. 3.6 kg  
+41 °F (+5 °C) ~ +95 °F (+35 °C) 50-90%
- Video input : 1.0 Vp-p 75Ω (negative sync)
- Composite video input : Y: 1.0 Vp-p (negative sync)  
C: 0.7 Vp-p
- Analog RGB input : RGB: 0.7 Vp-p 75Ω (negative sync)  
Y: 1.0 Vp-p (negative sync)  
C: 0.7 Vp-p
- HDMI : HDMI (18 pin)  
HDMI interface (TMDS single link)  
Serial terminal (RS-232C) (Mini D-sub)  
345 x 129 x 276 mm (width x height x depth)  
Approx. 3.6 kg  
+41 °F (+5 °C) ~ +95 °F (+35 °C) 50-90%
- Control connector : Serial terminal (RS-232C) (Mini D-sub)
- Outside dimensions : 345 x 129 x 276 mm (width x height x depth)
- Weight : Approx. 3.6 kg
- Temperature, humidity : +41 °F (+5 °C) ~ +95 °F (+35 °C) 50-90%

\* Weight and dimensions shown are approximate.  
\* Design and specifications are subject to change without notice.



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# Mitsubishi Hc 4000 Manual

**Tom Scanlan**



## **Mitsubishi Hc 4000 Manual:**

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better

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to a tap

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web automated plant watering system to the garden or agricultural field you will help all of the plants reach their fullest potential as well as conserving water using sprinklers drip emitters or a combination of both we have design a system that is ideal for every plant in the yard for implementation of automatic plant watering system we

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web automatic watering controlled manually or by computer if you are considering purchasing a watering system a few questions have to be clarified first this is not only to do with you wanting to learn how automatic watering works and what systems there are it is also related to the quality and size of your own garden area