

## BR-HD50E ProHD Recorder/Player

Compact, desktop 12V DC recorder player, offering both DV and HDV recording, which accepts both MiniDV and full-size DV cassettes.



### Description

### Main features

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## Description

Compact, desktop 12V DC recorder player, offering both DV and HDV recording, which accepts both MiniDV and full-size DV cassettes. It operates in HD and SD as a source deck for an NLE system, as a tape archiving recorder and, with its HDMI port, as an HD presentation deck. In HD mode it plays and records in both 50Hz and 60Hz, plus various different cross-conversion facilities are built-in, including output of 1080i. It is a truly flexible multi-format video machine. This recorder player belongs to ProHD, the name given by JVC to their range of progressive HD products for professional HD systems.

### Main features

- DV and HDV recording and playback
- Multi-format output with cross-conversion function
- HD 50Hz / 60Hz compatibility
- Standard DV / Mini DV compatible cassette mechanism
- DVCAM Playback capability in SD mode
- Auto Error correction system

- Sweeper heads
- HDMI output
- RS-422A interface
- IEEE 1394 interface

### **Additional features**

- Component, YC and composite input / output
- Audio indicator
- High speed time code search & blank search
- Continuous loop recording

### **Technical specs**

Recording formats:

720p/24, 720p/25, 720p/30, 576p/50, 576p/25, 576i/50

VIDEO

#### **HDV**

Video signal recording format: HDV720p format, 8-bit, 19.7 Mbps

Compression: MPEG-2 video (profile & level: MP@H-14)

#### **DV**

Video signal recording format: DV format, 8-bit, 25 Mbps

Compression: DV compression 4:2:0

AUDIO:

#### **HDV**

**Audio signal recording format: MPEG1 Audio Layer II**

#### **DV**

**Audio signal recording format: 16-bit (locked audio), 48 kHz PCM for 2 channels**

**Cassette type: Standard DV and Mini DV tape cassettes**

**Tape speed: 18.8 mm/sec.**

**Record/play time: 276 minutes (with LA-DV276PRO tape), 63 minutes (with an M-DV63PROHD tape)**

CONNECTORS

:-

Video inputs:

#### **DV**

Analogue composite: 1.0 V (p-p), 75 ohms (BNC)

Analogue Y/C: Y: 1.0 V (p-p), 75 ohms

C: 0.286 V (NTSC)/0.3 V (PAL) (p-p), 75 ohms (4-pin)

Video output:

#### **HDV**

Analogue component: Y: 1.0 V (p-p), 75 ohms (BNC)

PB/PR: 0.7 V (p-p), 75 ohms (BNC)

#### **DV**

Analogue composite: 1.0 V (p-p), 75 ohms (BNC)

Analogue Y/C: Y: 1.0 V (p-p), 75 ohms

0.3 V (p-p), 75 ohms (4-pin)

Analogue component: Y: 1.0 V (p-p), 75 ohms (BNC)

PB/PR: 0.7 V (p-p), 75 ohms (BNC)

Audio input:

Line: -8 dBs, 10 kohms, unbalanced (RCA)

**Audio output:**

Line: -8 dBs, 1 k-ohm, unbalanced (RCA)

Headphones: - to -15 dBs (8 ohms) (Stereo mini jack)

HDMI output: 19-pin

IEEE 1394 interface: 6-pin

RS-422 interface: D-sub 9-pin

Serial remote interface: Mini jack

**Power requirement:**

DC 12V from 230V, 3.5 Amp AC adapter provided

**Power consumption:**

Approx 20W

**Weight:**

3.9 kg

**Dimensions (WxHxD):**

212mm (W) x 88mm (H) x 327mm (D)

**Operating Temperature:**

5 °C to 40 °C

Storage: -20 °C to 60 °C

**Operating Humidity:**

30% to 80% RH

Storage: 85% RH or less

**ACCESSORIES (Supplied)**

AC adapter AA-G30 and AC cable "HDV" and "HDV" logo are trademarks of Sony Corporation and Victor Company of Japan, Limited (JVC)

## Accessories

- [CD-NANO-CONNECT](#)
- HDMI-HD/SD-SDI Converter
- [LA-124PROHD](#)
- HDV & DV Cassette 124 mins
- [LA-186PROHD](#)
- HDV & DV Cassette 186 mins
- [LA-276PROHD](#)
- HDV & DV Cassette 276 mins
- [M-DV12CL](#)
- MiniDV ProHD cleaning tape
- [M-DV63PROHD](#)
- MiniDV ProHD - 63 mins

## Brochures and manuals

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[Brochure for GY-HD100E and BR-HD50E](#)

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[ProHD Accessories](#)



[ProHD Cassette Tapes Brochure](#)



[Instruction manual \(from the JVC Professional Europe Service Information System\)](#)

**Links**

**Miscellaneous**