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## DVD-1150 / DVD-1150HDD

### Controllable 1U DVD/HDD Recorder

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#### **It's All About Control!**

The BCD DVD-1150 was developed in response to requests from BCD's clients asking for full remote control with complete operational status reporting including current transport mode, frame position, remaining record time, and 15-character title labels.

Many clients asked for full status feedback for use with computer control as well as AMX® and Crestron® controllers. The DVD-1150 provides two-way communication over RS-232 and USB serial ports so the user is assured that when they issue the Record command, the machine really records.

#### **DVD-1150HDD w/Hard Drive**

For security, the basic DVD-1150 has no hard drive at the request of BCD's government clients.

The **DVD-1150HDD** includes a 250GB drive for extended recording capability. Once recorded, individual Titles may be dubbed to DVD faster than real time. Recorded titles that are too large to fit on a DVD are automatically dubbed to multiple DVDs.

The unit is also available as the **DVD-1150HDR**, "Hard Drive Ready." Supplied with no hard drive, the DVD-1150HDR is ready for a user-installed hard drive up to 500GB.

#### **Protocol**

The DVD-1150 uses the "BCD1" 4-character command protocol, standard with all BCD products since 1982. FINL and ERAS are special commands to provide disc finalization and erasure with a single command. (Finalize and Erase are also available from the front panel buttons.) The MODE command returns a status number and the STAT command returns a 4-character status reply like PLAY.

#### **Multi-Machine Control - Built In !**

BCD's experience in multiple-machine control makes it easy to operate many DVD-1150s at once. The unit features dual RS-232 connectors for daisy-chain control of up to 100 machines from a single serial port. Each recorder is assigned an address, and machines may be grouped under software control. The command string "GRUP 1; RECD" causes all recorders in Group 1 to start recording at the same time.

#### **Internet/Lan Control (Optional)**

Perfect for long-distance operation, the Web Server control option generates a web page with control buttons for STOP, PLAY, PAUS, RECORD, Title Menu, as well as arrow buttons for UP, DOWN, LEFT, RIGHT and ENTER. Additionally, the web page displays the current transport mode and frame position as HH:MM:SS.



### Time Code Option (pending)

The 1150-TC option generates and reads SMPTE Time Code permitting the DVD-1150 to record and play video with LTC and VITC Time Code. On-screen frame numbers may be overlaid during recording (permanent) or switched on/off during playback.

### General

The unit occupies 1 rack space and is equipped with a single DVD +R/+RW drive, complete information display, Composite and S-Video I/O, dual DB-9 jacks for RS-232, a USB-B connector, and an RJ-45 jack for the optional web server.

The DVD-1150 and DVD-1150HDD are available now. More details at [BCDusa.com](http://BCDusa.com)

### Ordering Information

- **Model DVD-1150**  
Basic DVD-1150 DVD Recorder
- **Model DVD-1150HDD**  
DVD Recorder with 160GB Hard Disk Drive
- **Model DVD-1150HDR**  
DVD Recorder. User-installed HDD required

### Options

- **1150-WS**  
Web Server Control Interface
- **1150-TC**  
SMPTE Time Code Generator/Reader/Overlay (pending)

### About BCD Associates, Inc.

Since 1980, BCD Associates, Inc. has manufactured computer controllers for VCRs, Laser Discs and DVD machines. With clients in 26 countries and applications from Education and Industry to Government and Defense, BCD products have proven reliability. BCD's line of DVD recorders is in response to customer demands for features not found elsewhere.

## BCD DVD-1150/DVD-1150HDD

### General

- Dimensions: (W x H x D) 18" x 1.75" x 13"  
Fits 19" EIA Rack
- Power: 100VAC to 240VAC 50-440Hz, <30W
- Operating Temperature: +5 to +40C
- Storage Temperature: -20 to +60C
- Operating Humidity: 20 to 80%
- Recording System: DVD Recording, NTSC
- DVD Recording Time: HQ(1hr), SP(2hr), LP (4hrs), SLP(6hrs)
- Recording Media: DVD+RW, DVD+R, Optional HDD (250GB or user-supplied HDD)

### Input/Output

- Video : Composite: 1V p-p (BNC x1)  
Y/C: (S-Video 4-pin DIN x1)
- Audio In/Out: .7V p-p into 600 Ohms (RCA)
- LTC In/Out: .7V p-p into 600 Ohms (line)

### Control

- Front Panel Buttons w/VFD Display
- RS-232 : DB-9 x2 looping
- USB "B" connector x1 for USB Serial Control
- Web Server (Optional) RJ-45 x1
- Protocol: RS-232/USB "BCD1" protocol

### Optional

- HDD (250GB), included with DVD-1150HDD
- IP Web Server for LAN/Internet Control
- Time Code Generator/Reader/Overlay (pending)

### BCD Associates, Inc.

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