

# **XL-DVDRAM**

## **External FireWire DVD-RAM Drive**



The XL-DVDRAM is an external FireWire (-1394a) optical drive for use with Sound Devices 7-Series Digital Recorders. Based on the Panasonic UJ-85 Multi-drive mechanism (5X DVD-RAM) the XL-DVDRAM drive becomes an available storage volume for either direct recording or file copying to a 7-Series recorder. The XL-DVDRAM is bus-powered directly from the FireWire port of the 7-Series recorder. No additional power source is required.

In addition to its application when connected to a 7-Series recorder, the XL-DVDRAM can be used as an external FireWire or USB optical drive with Mac OS and Windows computers.

### **Connecting to a 7-Series Recorder**

The XL-DVDRAM is ready for use directly out of the box. Follow the steps below for operation.

1. Verify that the 7-Series is running 2.01 firmware or greater and that the hardware is "2.0-ready".
2. Verify that the power is off on the 7-Series recorder.
3. Connect the XL-DVDRAM directly to the 7-Series recorder (for file copying) or connect via the XL-1394 FireWire Power Filter (for direct-to-disk recording).
4. Power on the recorder.
5. Insert a DVD-RAM disk into the drive. Sound Devices recommends 5X DVD-RAM media when recording four tracks at 24-bit. Direct recording of files with sampling rates above 48.048 Hz is not recommended.
6. If the inserted disk is not formatted, or not formatted as a FAT32 volume, the 7-Series will prompt to format the disk.
7. Select the EXT drive from the 7-Series Setup Menu as a destination for recorded or copied files.

### **Connecting XL-DVDRAM to a Windows or Mac OS Computer**

The XL-DVDRAM is usable as an external DVD drive with Windows and Mac OS computers meeting the minimum system requirements (*see Specifications*).

1. Connect the XL-DVDRAM to the computer using the included USB or FireWire cable.
2. Power the drive using the included power supply when using USB connections.
3. If using Windows 2000/XP or Mac OS X the drive will mount onto the desktop with no drivers required.
4. The drive is now ready for operation.

## Specifications

<b>Form Factor</b>	12.7mm Height Slot Loading DVD Super MULTI Drive
<b>Data Capacity</b>	4.7GB / 8.5GBytes (DL)
<b>Supported Media</b>	DVD: DVD-R, DVD-RW, DVD+R, DVD+RW, DVD+R DL CD: CD-R, Multi-Speed CD-RW, High-Speed CD-RW, Ultra-Speed CD-R
<b>Write Speeds</b>	DVD-RAM: 5X DVD-R: 8X DVD+R: 8X DVD-RW: 4X DVD+RW: 4X DVD+R DL 2: 2.4X CD-R: 24X CD-RW: 16X
<b>Read Support</b>	DVD: DVD-RAM, DVD-ROM 8X, DVD-VIDEO, DVD-R, DVD-RW, DVD+R, DVD+RW & DVD+R DL CD: CD-ROM(Mode 1&2) 24X, CD-ROM XA, CD-DA, Video CD, PhotoCD, CD EXTRA, CD-Text, CD-R, CD-RW
<b>Interface</b>	IDE/ATAPI, DMA66
<b>Buffer Memory</b>	2MB
<b>FireWire Chipset</b>	Prolific PL-3507 IEE1394 / USB (high speed) to IDE bridge controller
<b>Computer System Requirements</b>	Windows XP or 2000 with IEE-1394a or USB 1.1 or greater, no drivers required. <i>Contact Sound Devices if drivers for Windows 98 or ME are required</i>
<b>Power Requirements</b>	FireWire Bus Power 12–30 VDC from FireWire, 750 mA minimum at 12 V External DC 5V 2A
<b>Included Power Supply</b>	input: 100V–240V AC 50/60Hz, 0.25A max output: 10W max. @ 5V DC
<b>Dimensions</b>	Weight: 19 oz (0.54) kg Dimensions 5.74 x 6.1 x 0.86-inches (146 x 155 x 22 mm)
<b>Environmental</b>	<b>Temperature</b> Operating - 5°~50°C Non-Operating -30°~65°C <b>Relative Humidity</b> Operating 5%~90% (non-condensing) Non-Operating 5%~90% (non-condensing)
<b>Included Accessories</b>	cable, USB A-to-B, 48-inch cable, 6-pin to 6-pin FireWire, 72-inch DVD-RAM media, 5X AC-to-DC power supply

## Warranty

Sound Devices, LLC warrants the XL-DVDRAM against defects in materials and workmanship for a period of ONE (1) year from date of original retail purchase. This is a non-transferable warranty that extends only to the original purchaser. Sound Devices, LLC will repair or replace the product at its discretion at no charge. Warranty claims due to severe service conditions will be addressed on an individual basis. THE WARRANTY AND REMEDIES SET FORTH ABOVE ARE EXCLUSIVE. SOUND DEVICES, LLC DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SOUND DEVICES, LLC IS NOT RESPONSIBLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING FROM ANY BREACH OF WARRANTY OR UNDER ANY OTHER LEGAL THEORY. Because some jurisdictions do not permit the exclusion or limitations set forth above, they may not apply in all cases.

For all service, including warranty repair, please contact Sound Devices for a return authorization number (RMA) before sending the unit for service. Service returns should be sent to:

Sound Devices, LLC  
Service Repair (RMA # XXXX)  
300 Wengel Drive  
Reedsburg, WI 53959 USA  
telephone: +1 (608) 524-0625