

## Mobile DVD/CDRW

Addonics' Mobile DVD+/-R/RW a Dual format DVD burner that combine all the functions of a DVD Player, DVD Recorder, CD Player and CD Recorder all into one compact unit. With the bundled software, you can use this device for achieving data to high capacity DVD+/-R or +/-RW media, or recording onto the ubiquitous CD-R or CD-RW media, DVD, CDRW duplication, or view DVD movie. Like most of Addonics' external storage solution, the Mobile DVD+/-R/RW or DVD-R/RW offers flexible interface connection of USB 2.0, Firewire or CardBus/ PCMCIA. With all the functions and interface flexibility, Addonics' Mobile DVD+/-R/RW or DVD-R/RW Super Combo drive is an excellent storage device to add to any computer to handle all the different optical media standards today.

### Product Features

- Use as a DVD Player, DVD Recorder, CDRW or as a regular CD-ROM Drive.
- Interchangeable CardBus/PCMCIA, FireWire or USB 2.0 USIB cable (Note: One interface cable included with the drive, other interface cables can be purchased separately)
- Compatible with the following formats: DVD+R, DVD-R, double-sided DVD-R, DVD+RW, DVD-RW\*, CD-R, CDRW, CD-ROM, CD-ROM XA, CD-I, CD-DA, multi-session Photo CD, CD-text, CD-Bridge, CD-Extra and Video CD.
- 5 Popular Recording Modes: Track at Once, Multi-session, Disc at Once, Session at Once and Packet Writing.
- Bundled with Sonic MyDVD authoring software, Ahead Nero Express CD copying software and Power DVD MPEG-II decoding software for DVD movie play back (all bundled software are for Windows OS only)



Model	Description
<b>AEMPM DVR16U</b>	<b>Mobile 16X DVD+/-R/RW/DL USB 2.0</b> <b>Content:</b> External 16X+/8X- Dual layer DVD burner, USB 2.0 USIB interface cable, AC/DC adapter, User guide, driver diskette, Sonic MyDVD authoring, MPEG II playback software, DVD/CDRW copying software
<b>AEMPM DVR16F</b>	<b>Mobile 16X DVD+/-R/RW/DL Firewire/iLink</b> <b>Content:</b> External 16X+/8X- Dual Layer DVD burner, Firewire USB interface cable, AC/DC adapter, User guide, driver diskette, Sonics MyDVD authoring, MPEG II playback software, CD mastering software
<b>AEMPM DVR16S</b>	<b>Mobile 16X DVD+/-R/RW/DL Serial ATA</b> <b>Content:</b> External 16X+/8X- Dual Layer DVD burner, SATA USB interface cable, AC/DC adapter, User guide, driver diskette, Sonics MyDVD authoring MPEG II playback software, CD mastering software
<b>AEMPM RRW8C</b>	<b>Mobile 8X DVD+/-R/RW CardBus/PCMCIA</b> <b>Content:</b> External 8X+/8X- DVD burner, CardBus/PCMCIA card and interface cable, AC/DC adapter, User guide, driver diskette, Sonics MyDVD authoring MPEG II playback software, CD mastering software

### Sales Inquiry:

- To purchase this product, please visit our online store at [www.shopaddonics.com](http://www.shopaddonics.com) and search for the model number
- You may also make a purchase by calling our sales team at (408) 433-3899
- To view other products, please visit our web site at [www.addonics.com](http://www.addonics.com)

## Specifications:

Model	AEMPMDVR16U	AEMPMDVR16F	AEMPMDVR16S	AEMPMDVR16C
Interface Type:	USB 2.0	Firewire/iLink	Serial ATA	Cardbus/PCMCIA
Drive Type:	ATAPI			
Data Transfer Rate:	600 KB/sec - 21.6 MB/sec			
*Record/Read Speed (MAX):	Write: DVD-R, DVD+R 8X (11 MBytes/sec) DVD+RW , DVD-RW 4X (5.54 MB/sec) CD-R 24X CD-RW 24X Read: DVD ROM 12X (16.620 MB/sec) CD ROM 40X DVD-RAM 2X DVD-Video 2X			Write: DVD+R 16X (21.6 MB/sec) DVD-R 8X (11 MB/sec) DVD+RW , DVD-RW 4X (5.54 MB/sec) DVD+R DL 2.4X CD-R 40X CD-RW 24X Read: DVD-R/RW/ROM 16X (21.6 MB/sec) DVD+R 10X DVD+RW/DL 8X CD-R/RW/ROM 40X DVD-RAM 3X DVD-Video 8X
Supported Media:	DVD-R (4.7 GB) DVD-RW (4.7 GB) Double-sided DVD-R (9.4 GB) CD-R, CDRW (700 MB or 650 MB)			
Supported OS	DOS, Windows 98SE, Me, 2000, XP, Linux Kernel 2.4, Solaris 8.0 (or higher version)	Windows 98SE, Me, 2000 and XP Serial ATA -	DOS, Windows 95, NT4(SP6), 98SE, Me, 2000 and XP, Linux Kernel 2.4	Windows 95, 98SE, NT (use as CD-ROM only under NT)
Buffer Size:	2 MB with buffer under run support			
Access Speed (typical):	145 ms			
Power Consumption:	15 Watts (average)			
Power Supply:	External DC 12V/5V			
Dimensions:	10 x 6.2 x 2 inches (254 x 157 x 51 mm)			
Weight:	3.18 lbs. (1.44 kg)			
Storage Temperature:	Range: -30C to +60C			
Operating Temperature:	Range: +5C to +40C			
Storage Humidity:	5% to 90%			
Operating Humidity:	5% to 95%			
Warranty:	One Year			

Media - Not all media are the same. At this time, we highly recommend to use Pioneer and Sony brand of DVD-R or DVD-RW media. Other brands of media that we tested and worked well with our drive are LEDA and GQ. We have received report that the media from Fuji and Maxell are not compatible.

## Data Transfer Rate Comparison Table:

CD Speed	CardBus	USB 1.0	USB 2.0	Serial ATA	FireWire	SCSI
4X	600KB/sec	600KB/sec	600KB/sec	600KB/sec	600KB/sec	600KB/sec
6X	900KB/sec	900KB/sec	900KB/sec	900KB/sec	900KB/sec	900KB/sec
8X	1200KB/sec	900KB/sec	1200KB/sec	1200KB/sec	1200KB/sec	1200KB/sec
24X	2400KB/sec	900KB/sec	3600KB/sec	3600KB/sec	3600KB/sec	3600KB/sec
32X	2400KB/sec	900KB/sec	4800KB/sec	4800KB/sec	4800KB/sec	4800KB/sec
40X	2400KB/sec	900KB/sec	6000KB/sec	6000KB/sec	6000KB/sec	6000KB/sec
52X	2400KB/sec	900KB/sec	7800KB/sec	7800KB/sec	7800KB/sec	7800KB/sec

DVD Speed	CardBus	USB 1.0	USB 2.0	Serial ATA	FireWire	SCSI
1X	1,350KB/sec	900KB/sec	1,350KB/sec	1,350KB/sec	1,350KB/sec	1,350KB/sec
2X	2,700KB/sec	900KB/sec	2,700KB/sec	2,700KB/sec	2,700KB/sec	2,700KB/sec
4X	2,700KB/sec	900KB/sec	5,500KB/sec	5,500KB/sec	5,500KB/sec	5,500KB/sec
8X	2,700KB/sec	900KB/sec	10,800KB/sec	10,800KB/sec	10,800KB/sec	10,800KB/sec
16X	2,700KB/sec	900KB/sec	21,600KB/sec	21,600KB/sec	21,600KB/sec	21,600KB/sec

The information provided in the table above are for comparison purpose only.

\*Actual speed varies depending on system hardware and type of interface connection. Current USB standard limits the USB connection to support maximum speed up to 4X only.

## System Requirements

- PC/AT or Compatible System
- PCMCIA Type I or Type II Slot, USB or FireWire port.
- Pentium II 350 MHz or Greater
- Minimum 64 MB RAM
- One of the Following Operating System:

**PCMCIA** - Windows 95, 98SE, NT (use as CD-ROM only under NT)

**USB 2.0 or USB 1.1** - DOS, Windows 98SE, Me, 2000, XP, Linux Kernel 2.4, Solaris 8.0 (or higher version)

**Firewire** - Windows 98SE, Me, 2000 and XP

**Serial ATA** - DOS, Windows 95, NT4(SP6), 98SE, Me, 2000 and XP, Linux Kernel 2.4

Note: bundled software supports Windows OS only