

# Panasonic

# AG-DVC7

Mini-DV Camera-Recorder (NTSC)



Mini **DV** Digital  
Video  
Cassette

# Easy Shoulder-Held Shooting and Professional Performance

The AG-DVC7 makes it easy for anybody to produce professional-looking digital videos. Its shoulder-held design provides outstanding stability when shooting. A variety of automatic functions combine with large control buttons and digital picture effects to ensure simple operation and extraordinary results. An IEEE1394 DV In/Out terminal facilitates PC video editing and website production. And a full line of optional equipment, including a wide conversion lens, and external stereo microphone, lets the AG-DVC7 serve a variety of high-level uses. Lightweight and easy to use, the AG-DVC7 is ideal for applications demanding professional recording performance at an entry-level price.





### Pro-Style Shoulder-Held Design

The AG-DVC7 features a convenient shoulder-held design, extra-large handle grip, fingertip zoom control, and LCD panel and viewfinder for easy viewing. It weighs just 4.62 lbs in full operating condition. This adds up to stable images with minimal hand shaking, plus the kind of quick, easy subject framing you simply cannot get with a handheld camera.

### 15x Zoom Lens and Digital Zoom

The AG-DVC7 comes with a powerful 15x zoom lens and adds a digital zoom function that provides ultra-telephoto zooming all the way to 750x. Its large zoom rocker switch is conveniently positioned on the handle grip for easy, responsive zoom operation. The extra zoom power is a great plus for sports applications or whenever the shooter can't get close to the action.

### Manual/Auto Focus, and More

Switch between auto and manual focus according to your shooting needs. In manual mode, the large focus ring provides you the kind of focusing precision you'd expect from a professional camera. You can manually adjust the iris, shutter speed, white balance and audio recording level when desired.

### Auto Functions for Beautiful Results with Ease

The AG-DVC7's many automatic functions make it easy to produce beautiful videos. These include Digital EIS (Electric Image Stabilizer) to compensate for jitter and vibration-induced image distortions, Backlight Compensation to prevent black breakdown, and Auto Tracking White Balance for superb pictures when tracking moving subjects.

### Program AE

The AG-DVC7 comes preset with ideal iris size and shutter speed combinations for a variety of subjects and shooting conditions. Select from five program AE modes: sports, portrait, spotlight, surf & snow, and low light. These settings allow you to take perfect shots quickly and easily.

### Superior Digital Recording

The AG-DVC7 uses the ubiquitous DV format, with an 8-bit digital recording system that delivers high-quality pictures. The 16-bit digital audio system rivals CDs in quality. Choose sound in either a 48-kHz/16-bit, 2-channel, or a 32-kHz/12-bit, 4-channel mode during playback.

### IEEE1394 DV In/Out Terminal

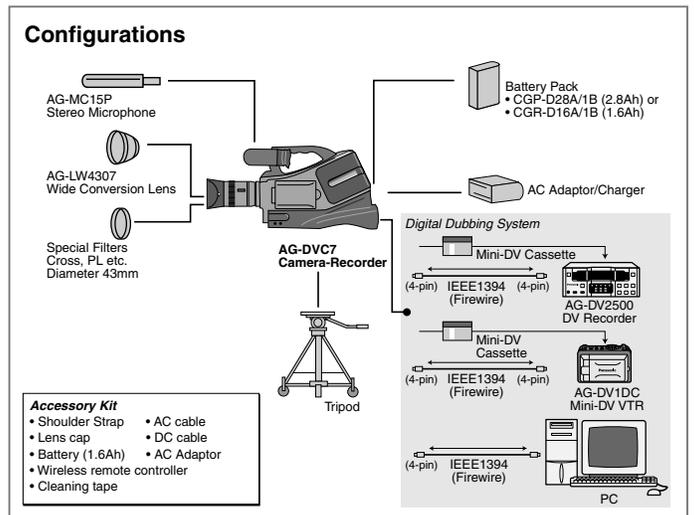
A DV (IEEE1394) 4-pin digital interface terminal makes it easy to upload pictures and audio to a Macintosh or Windows-based PC for non-linear editing with no loss of quality. Users can also dub with no deterioration between the AG-DVC7 and an AG-DV1DC, AG-DV2500 or other DV VTR.

### Options for the Professional

An accessory kit and a variety of additional options are available with the AG-DVC7. Add a 0.7x wide conversion lens, external stereo microphone, or large-capacity 2.8-A battery depending on your professional needs.

### Other Features

- 2.5-inch color LCD side monitor
- Rec start/stop button and zoom lever on top handle grip
- Picture Effects Function includes WIPE, MIX, STROBE, GAIN-UP, TRAIL, MOSAIC and MIRROR
- Jog Menu Dial
- Video and S-Video In/Out
- Mic In and Audio In/Out



# Playing DV Tapes on a DVCPRO VTR



Using the AJ-CS455P adaptor, mini-DV cassettes can be played back by a DVCPRO VTR.\* This means that you can utilize mini-DV cassettes as media (playback only) in DVCPRO production systems.

Panasonic's Emmy Award-winning DVCPRO format is the industry's standard for digital acquisition and recording, and the most rapidly adopted professional video format in history.

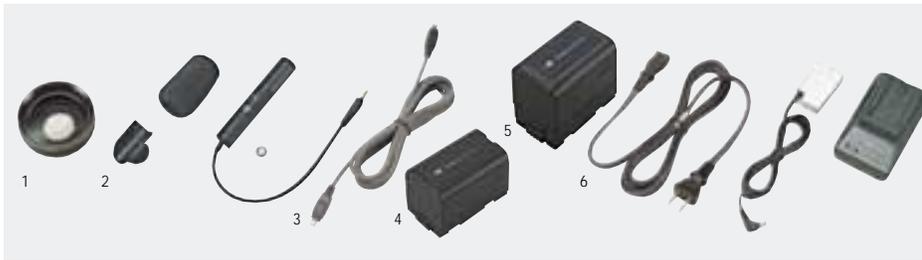
\*Recording is not possible, even with the adaptor. Also, DVCPRO systems cannot play back DV tapes recorded in LP mode, or long-play Mini-DV tapes (SP mode — 80 min.; LP mode — 120 min.).

## Accessory Kit



1. Shoulder Strap
2. AC cable
3. Lens cap
4. DC cable
5. Battery (1.6Ah)
6. AC Adaptor
7. Wireless remote controller
8. Battery for Wireless remote controller
9. Cleaning tape

## Optional Accessories



1. 0.7x Wide Conversion lens (AG-LW4307)
2. Stereo microphone (AG-MC15P)
3. IEEE1394 cable
4. Battery Pack / 1.6Ah (CGR-D16)
5. Battery Pack / 2.8Ah (CGP-D28)
6. AC adapter kit (AG-B15)

## Recommended Mini-DV Tape



- |                      |                            |
|----------------------|----------------------------|
| Standard Tape (left) | Master Series Tape (right) |
| AY-DVM83EB           | AY-DVM83XB                 |
| AY-DVM63EB           | AY-DVM63XB                 |

## Specifications

<b>[General]</b>	
Power Source:	DC 7.2V
Power Consumption:	4.0 W (Using LCD) 3.2 W (Using viewfinder)
Operating Temperature:	32°F to 104°F (0°C to 40°C)
Operating Humidity:	10 to 80% (no condensation)
Weight:	Approx. 4.4lbs (w/o battery)
Dimensions:	8-6/16" x 8-7/8" x 17" (213 x 225 x 432 mm)
<b>[Camera]</b>	
Pick-up Devices:	1/4" 1-CCD
Picture Elements:	Total: 680,000 pixels Effective: 340,000 pixels
Sensitivity:	1400 lux
Minimum luminance:	1 lux (Gain Up mode)

Lens:	F1.8, 1.5 x Zoom, f=3.1 to 46.5mm
Optical Filters:	No
EVF:	0.5" Color LCD
<b>[VTR]</b>	
Recording Format:	DV (Mini-DV)
Tape Speed:	18.812 mm/sec. (SP mode) 12.555 mm/sec. (LP mode)
Max Recording Time:	83 min (SP mode, AY-DVM83) 124min (LP mode, AY-DVM83)
Video Recording Format:	Digital Component
Audio Recording Format:	16 bit (48kHz/2ch), 12 bit (32kHz/4ch)
Recording Track:	Digital Video/Audio: Helical Track TC: Helical Track (Sub-Code area)

Sampling Frequency:	Y: 13.5 MHz, PB/PR: 3.375 MHz
Quantization:	8 bit
Compression Method:	DCT and Variable-Length Code
Error Correction:	Reed-Solomon Product Code
<b>[Audio]</b>	
Sampling Frequency:	48/32 kHz
Quantization:	16/12 bits
<b>[Input/Output]</b>	
IEEE1394 :	4-pin x 1
Video Out :	RCA x 1, 1.0Vp-p 75Ω
S-Video Out:	4-pin x1, Y; 1.0Vp-p, C: 0.286Vp-p
Mic In:	ø 3.5 stereo mini jack
Headphones:	ø 3.5 stereo mini jack

Specifications are subject to change without notice.

•Macintosh and Firewire are registered trademarks of Apple Computer, Inc. •Windows is a registered trademark of Microsoft Corporation.

# Panasonic

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