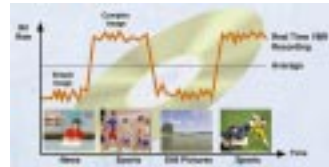


## Hybrid VBR

This combines a real-time VBR (Variable Bit Rate) and visibility modulation technology to enable long recording times with exceptionally high-quality images.

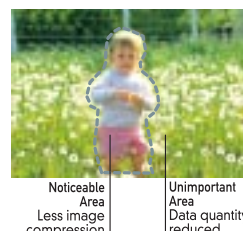
## Real-time VBR

MPEG2 advanced data compression technology is used to record high picture quality. Real-time VBR controls the rate of MPEG2 compression depending on scene complexity, varying it to enable more efficient recording.



## Visibility Modulation Technology

By automatically discerning the human range of attention and converting the information into a digital signal, this original Panasonic technology uses the most effective data during recording to assure high-quality images.



## Exciting DVD-RAM Features

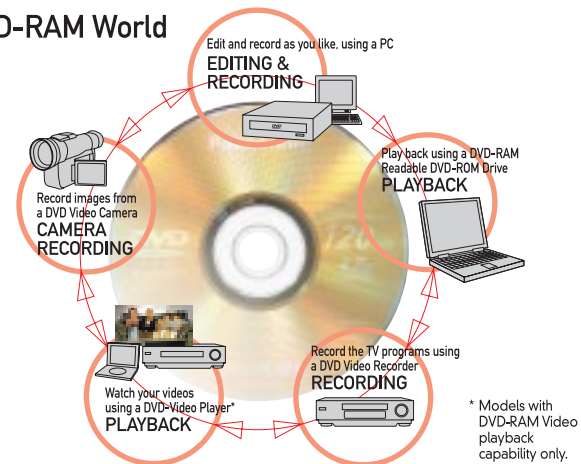
Unlike conventional video recording media, DVD-RAM lets you enjoy the advantages of an AV and PC network. Each DVD-RAM disc offers a whole new world of possibilities for entertainment, creativity and backup applications.

### Attractive DVD-RAM Features

- 1. Time Slip™**  
Record and play at the same time.
- 2. Random Access**  
Direct operation and no accidental overwriting.
- 3. Playlist**  
Edit and watch only the scenes you like.
- 4. Video/JPEG data Together**  
Video and JPEG data all in one disc.
- 5. Long-Duration**  
Maximum 12 hours of recording (double-sided disc).



### DVD-RAM World



\* Models with DVD-RAM Video playback capability only.

## Panasonic DVD-RAM and DVD-R Media Line-Up

- Removable Cartridge Selectable
- Easy Handling with Cartridge disc

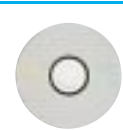
### DVD-RAM Disc



LM-AD240U  
9.4GB Double Sided Removable



LM-AF120U  
4.7GB Single Sided Non-cartridge



LM-RF120U  
4.7GB Single Sided Non-cartridge



LM-RF120U5  
4.7GB Single Sided 5 pack

## DVD VIDEO RECORDER DMR-T3040

NEW Slim Design 3-1/8"



Design and specifications are subject to change without notice.

## Panasonic

### Panasonic Broadcast & Television Systems Company

Eastern Zone: One Panasonic Way 4E-7, Secaucus NJ 07094, ph: 201-348-7196  
 Central Zone: 1707 N. Randall Rd., E1-C-1, Elgin IL 60123, ph: 847-468-5200  
 Western Zone: 3330 Cahuenga Blvd. W., Los Angeles CA 90068, ph: 323-436-3608  
 Gov't Marketing: 52 West Gude Drive, Rockville MD 20850, ph: 301-738-3840

# Panasonic

## DVD VIDEO RECORDER DMR-T3040



## DIGITIZE TO HARD DISK... ARCHIVE ON DVD



AVHDD  
HARD DISK DRIVE



Recording on  
DVD-RAM  
and  
Recording on DVD-R discs

## The Versatile, Large-Capacity, Next-Generation Recorder

- **Extended Recording and Storage**  
— Up to 52 hours on the Hard Disk (EP mode).
- **Time Slip™** — Record and play at the same time.
- **PC Card Slot** lets you view JPEG images on a TV and store them.
- **DV Input Terminal** makes it easy to record images from a digital video camera
- **Progressive Scan** — Enjoy the clear, crisp images of DVD media

# Record Everything onto the Hard Disk, and Store onto a DVD-RAM/DVD-R Disc

## 52-Hour\* Recording (Hard Disk)



The DMR-T3040's 40GB hard disk stores up to 52 hours\* of recording (EP mode). Record all the programs you want to see, then play them whenever you like. You can also save programs onto DVD-RAM or DVD-R discs.

\* approximate

## Auto Renewal Recording

This convenient function automatically records your favorite show every day or every week onto the hard disk. The most recent episode records right over the previous one.

\* If the section to be renewed (the previous episode) is currently being played back, Auto Renewal Recording will record the new episode onto a different section.

## Four Recording Modes Meet Your Needs

	HARD DISK	DVD-RAM		DVD-R
	40GB	4.7GB	9.4GB (Double Sided)	4.7GB
XP High picture quality recording mode	8.5 hours	1 hour	2 hours	1 hour
SP Standard recording mode	17 hours	2 hours	4 hours	2 hours
LP Long recording mode	34 hours	4 hours	8 hours	4 hours
EP Extra long recording mode	52 hours	6 hours	12 hours	6 hours

## Flexible Recording — recording the best quality pictures in a set time

FR Flexible recording mode	60 to 360 min. (4.7GB)
----------------------------	------------------------

\* Recording time is approximate.

## Relief Recording

No more recordings cut off because the disc is full. The DMR-T3040 automatically checks the remaining disc space when recording onto a DVD-RAM or DVD-R disc. If there's not enough space, it begins relief recording onto the hard disk.

\* There must be enough space on the hard disk to record the program.

## JPEG Photo data Storage/Viewer

The DMR-T3040's PC card slot\* makes it easy to copy images from a digital still camera to DVD-RAM Disc and the built-in hard disk. You can organize the image files into folders by theme, season, or other category, and create your own photo albums. It's easy to view the images on your TV.



\* Memory Card of the PC Card Standard  
SD Memory Card, Compact Flash, Memory Stick, MultiMediaCard, Smart Media.

## DV Input Terminal

Simply connect a digital video camera to the DV input terminal, and you're ready to record images digitally transferred from the camera onto the hard disk, DVD-RAM or DVD-R disc.

DV Auto Rec also makes it easy to find the beginning of specific scenes, by automatically creating a playlist of the scenes that were recorded by the digital video camera and recorded onto the hard disk or DVD-RAM disc.



## Fast, Easy Recording from the Hard Disk to a DVD-RAM or DVD-R Disc

Choose your favorite images from the hard disk and record them onto a DVD-RAM or DVD-R disc. The DMR-T3040's super-fast transfer rate means fast results.

\* Recording from the Hard Disk to a DVD-RAM or DVD-R Disc cannot be used with images for which only single-generation recording is allowed. When recording these images to a DVD-RAM disc, the original image on the hard disk is erased.

MODE	Recording Program	DVD-RAM	
		Recording Time	Recording Speed
XP	1 hour	30 min.	2 x
SP	1 hour	15 min.	4 x
LP	1 hour	7.5 min.	8 x
EP	1 hour	5 min.	12 x

## Playlist Recording from Hard Disk

After rearranging the sequence or deleting unwanted scenes with the Playlist function, you can record the results onto a DVD-RAM/DVD-R disc.

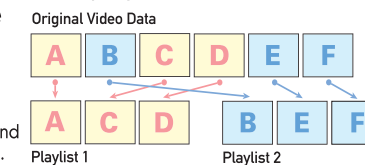
## Progressive Scan

The DMR-T3040 is equipped with a high-precision progressive video processor that handles even the newest 30p images. This lets you enjoy high-resolution progressive playback of original DVD images.

## OTHER ADVANCED FUNCTIONS

### Playlist Playback

You can select from among the scenes recorded on the disc and arrange them in any order you like to create your own original scenario, then save it as a playlist. You can also edit the playlists that you have created, and enjoy seamless transitions between edited scenes.



\* Up to 99 playlists can be created, and up to 999 scenes can be registered.

### Direct Navigator

You can display a list of programs recorded on a disc for at-a-glance confirmation of the disc's contents. And if you move the cursor and click on a desired program, that program is displayed behind the list. You can also select programs from the list and erase them, and you can use this function even during recording.



### Bilingual Recording

Both the main and sub audio channels of sound multiplex broadcasting programs can be recorded.

\* DVD-RAM only

### One-Touch Rec. & Play Function and Partial Delete & Recording

This function automatically searches for a blank section on the disc and starts recording with a single press of the button. And playback is just as easy. A single touch of the button locates the start of the recorded section, and starts playing it. The system even randomly accesses areas of the disc where parts have been deleted, and uses the disc space for a new recording.

### Picture Quality Improvement Function

A Time Base Corrector and 3D Y/C separation technology assure high-quality images when recording an analog source from a VCR or other component. This technology also works together with 3D DNR, Block Noise Reduction and Mosquito Noise Reduction during playback to provide surprisingly clear results even with recordings of old tapes.

### CPRM\* Recording Capability

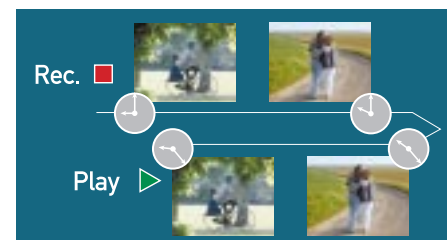
When future "CPRM required programs" permit the recording of only first-generation copies, the DMR-T3040 will be prepared for them.

\* CPRM: Content Protection for Recordable Media.

## Time Slip™ Function Enabled by the DVD-RAM and Hard Disk

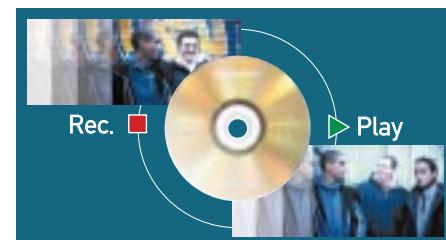
### Chasing Playback

Has this ever happened to you? You set the recorder to start recording at 9:00 PM, when the show begins. The problem is that you get home at 9:25 PM, while the program is still in progress. Before, you'd just have to wait or watch the end first and the beginning later. Now, the handy Time Slip™ function lets you play the show from the beginning even as it continues recording to the end, so you don't have to wait.



### Simultaneous Rec. & Play

This is a convenient feature for recording a TV series. While you're recording this week's episode, you may want to watch the one you recorded last week. No problem. The DMR-T3040 lets you enjoy simultaneous recording and playback, so, provided both episodes are on the same disc, you can watch last week's episode while you record the one for this week.



### Time Slip™ Button

Just press the Time Slip™ button on the remote control once during recording to start playing back the scene recorded 30 seconds before. You can also use the cursor keys on the main unit or the remote control to return to any point from 1 to 360 minutes ago while watching the playback on a small, on-screen window.

