



Sound & Vision 2004

MICO[®]
We aim to please



DVDR310



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DVDR311



Designed to make your life easier, the DVD300 series offers you a whole range of great features.

- Record directly from TV your favorite programs on rewritable DVD's
- Transfer your most loved camcorder tape moments onto DVD
- Enjoy the ultimate picture and sound quality while viewing the latest movies

Inputs and output

SCART R-G-B video output
S-video input
i-Link (IEEE1394) Digital Video Input

Video recording

5 recording modes (60 - 360 minutes)
Wide-Screen signaling recording

Recording & Editing Control

One touch recording
VPS / PDC for smart recording
Show View / Video Plus+ for easy recording

Other features

PAL B,G,D,K,I / SECAM PLL TV tuner
Teletext / Nicam stereo decoding
AV link - Follow TV
Virtual Surround
11 languages menu

Recording & Playback formats

DISK	PLAYBACK	RECORDING
DVD+RW	0	0
DVD+R	0	0
DVD-R	0	-
DVD-RW, video mode	0	-
DVD-Video	0	-
Super VCD	0	-
Video CD	0	-
Audio CD	0	-
MP3 CD	0	-
CD-R	0	-
CD-RW	0	-

DISC TYPES	Playback	Recording
DVD+RW	0	0
DVD+R	0	0
DVD-R	0	-
DVD-RW, video mode	0	-
DVD-Video	0	-
Super VCD	0	-
Video CD	0	-
Audio CD	0	-
MP3 CD	0	-
CD-R	0	-
CD-RW	0	-

DVD+R/RW DISC FORMAT

Capacity	4.7 Gbyte (12cm single-sided)	
Recording time :	HQ 60'	9.72 Mbit/s
	SP 120'	5.07 Mbit/s
	LP 180'	3.38 Mbit/s
	EP 240'	2.54 Mbit/s
	EP+ 360'	1.70 Mbit/s

TV STANDARD	PAL/SECAM	NTSC
Scan Frequency	50Hz	60Hz
Number of lines	625	525
Playback	Yes	Yes
Recording	Yes	Yes
Internal tuner	Yes	NA

VIDEO FORMAT

Digital Compression	DVD, SVCD: MPEG2 VCD: MPEG1	
DVD-VIDEO	50Hz	60Hz
DVD+R/RW (HQ/SP)		
Horizontal Resolution	720 pixels*	720 pixels*
Vertical Resolution	576 lines	480 lines
DVD+RW (LP/EP)	50Hz	60Hz
Horizontal Resolution	360 pixels*	360 pixels*
Vertical Resolution	576 lines	480 lines
VCD	50Hz	60Hz
Horizontal Resolution	352 pixels	352 pixels
Vertical Resolution	288 lines	240 lines

* equivalent to 500 lines on your TV

* equivalent to 250 lines on your TV

VIDEO PERFORMANCE

DA Converter	: 10 bit, 27 MHz
AD Converter	: 9 bit
Video (CVBS) output	: 1 Vpp into 75 ohm
S-Video (Y/C) output	: 1 Vpp into 75 ohm
C	: 0.300 Vpp into 75 ohm
RGB output	: 0.7 Vpp into 75 ohm

AUDIO FORMAT

Compressed digital	Playback	Recording
• Dolby Digital (AC-3)	5.1-channel	2-channel 16-bit, 48 kHz
• DTS, MPEG2	5.1-channel	-
• MPEG1	-	-
SPDIF		
• PCM	2-channel	-
	16/20/24 bit	
	48/96 kHz	

AUDIO PERFORMANCE

DA Converter	24 bit
AD Converter	16 bit
DVD	f _s 96 kHz 4 Hz - 44 kHz
	f _s 48 kHz 4 Hz - 22 kHz
Video CD	f _s 44.1 kHz 4 Hz - 20 kHz
Audio CD	f _s 44.1 kHz 4 Hz - 20 kHz
Signal-Noise (1kHz)	95 dB
Dynamic Range (1kHz)	93 dB
Crosstalk (1kHz)	100 dB
Distortion / Noise (1kHz)	90 dB

FRONT CONNECTIONS

i LINK DV IEEE 1394	4-pin
Video Input	Cinch (yellow)
Audio Left/Right Input	Cinch (white/red)

REAR CONNECTIONS

SCART 1 CVBS, S-Video/RGB out	
SCART 2 CVBS, S-Video	
S-Video Out	Hosiden 4-pin
Video Out	Cinch (yellow)
Audio L/R Out	Cinch (white/red)
Digital Audio Out	Coaxial
• PCM	IEC958
• MPEG, AC-3, DTS	IEC1937
RF Antenna In	Coaxial 75 ohms
RF TV Out	Coaxial 75 ohms

ON-SCREEN DISPLAY

Languages	English, French, German, Dutch, Spanish, Italian, Swedish, Danish, Norwegian, Finnish, Portuguese
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PROGRAMMING

Number of events	6; Daily/Weekly; Monday to Friday.
Programming mode	OTR, Remote
Record control and Timer programming	Manual, ShowView/ VPS

GENERAL FUNCTIONALITY

- Backup Presets: 1 year
- Backup clock & calendar: 5 hrs
- Auto clock set: PDC, Text (Time/Date)
- Audio Recording Level Automatic

RECORDING FUNCTIONS

- One-Touch Record (OTR)
- Append
- Divide
- Erase
- Automatic/Manual Chapter Marker insertion
- Disc write protection
- Index Picture Screen for instant content overview

DISC PLAYBACK

- Fast Forward/Backward (3 speeds)
- Step Forward/Backward
- Slow (3 speeds)
- Direct Title / Track access
- Next / Previous Title / Track / Chapter
- Repeat (Chapter / Title / All) or (Track / All)
- A-B Repeat
- Intro Scan
- Time Search
- Zoom (1.33x, 2x, 4x) with picture enhancement
- Auto Resume (20 discs)

POWER SUPPLY

Power inlet:	220-240 Vac 50/60 Hz
Power consumption	Operation 30 W Low-power (standby) 3 W

CABINET

Dimensions	430(W) x 350(D) x 78(H) mm
Net Weight	Approx. 4.0 kg