

SONY

SLV-AV100

POWER CINEMA VCR

FEATURES AND
SPECIFICATIONS
SUBJECT TO CHANGE
WITHOUT NOTICE

■ VCR FEATURES:

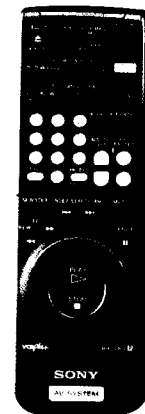
- TWO A/V COMPONENTS IN ONE: A VCR AND AN A/V RECEIVER
- VHS HI-FI STEREO RECORDING AND PLAYBACK
- VCR PLUS+® TIMER PROGRAMMING
- MTS STEREO TV RECEPTION¹
- 4-HEAD DUAL AZIMUTH RECORDING/PLAYBACK
- APC II FOR SUPERB PICTURE QUALITY
- MULTI-BRAND TV REMOTE CONTROL² WITH SONY SHUTTLE DIAL

■ A/V RECEIVER FEATURES:

- DOLBY® PRO LOGIC® 5-CHANNEL SURROUND SOUND DECODER AND AMPLIFIER
- DIGITAL SIGNAL PROCESSING (DSP) WITH 7 ACOUSTIC ENVIRONMENTS
- AM/FM TUNER
- ADDITIONAL INPUTS FOR OTHER COMPONENTS (2 AUDIO, 3 AUDIO/VIDEO)



OPTIONAL CABLE MOUSE
DSS/CABLE BOX CONTROLLER*



MULTI-BRAND TV REMOTE CONTRC
WITH SONY SHUTTLE DIAL



SONY MAXIMUM TELEVISION™

Cable Mouse®



REVISED 2/97

SLV-AV100

In your bedroom. In your vacation home. In your office. Your shelf space may be limited, but your entertainment experience doesn't have to be. Presenting the Sony SLV-AV100 Power Cinema VCR. It's a VHS Hi-Fi VCR and Dolby Pro Logic A/V Receiver rolled into one. So you get the best in video and audio without giving up a lot of space, without making complex interconnections, without using extra remote controls.

FEATURES

Convenience

- **POWER CINEMA VCR** combines a VHS Hi-Fi VCR and a Dolby Pro Logic A/V Receiver in a single component, for simple, compact home entertainment
- **SIMPLIFIED CONNECTION** to your television and speakers makes creating a home theater set-up easy
- **COMPACT DESIGN** combines a VCR and A/V Receiver in the same space occupied by the typical Receiver alone; perfect for an inconspicuous living room set-up, bedroom system, vacation home or office
- **UNIFIED, MULTI-BRAND REMOTE CONTROL** handles both VCR and Receiver functions, also operates many brands² of televisions, cable boxes³ plus Sony and RCA[®]-brand DSS[®] Receivers with the optional Cable Mouse[®]
- **ILLUMINATED REMOTE** glows in the dark for easy operation when you're watching a movie with the lights down low
- **SONY SHUTTLE DIAL** on remote features a single control for simple operation of all major VCR functions: Slow Motion, Frame-by-Frame Advance and Search (all in Forward and Reverse), as well as Play and Stop

VCR Section

- **VHS HI-FI STEREO RECORDING AND PLAYBACK** for wide dynamic range and full frequency response
- **BUILT-IN MTS STEREO TUNER** receives stereo broadcasts¹
- **4-HEAD DUAL AZIMUTH RECORDING/PLAYBACK** for superior picture quality
- **CRYSTAL CLEAR** Freeze Frame, Frame Advance and variable speed Slow Motion in both forward and reverse play
- **COMB FILTER** separates chrominance (C) from luminance (Y) for maximum picture resolution, minimum picture distortion

- **APC II-ADAPTIVE PICTURE CONTROL II** tests each tape and adjusts both playback and record parameters; achieves high picture sharpness and low video noise
- **DIGITAL AUTO TRACKING** adjusts itself so you don't have to
- **SHARPNESS CONTROL** lets you adjust fine detail using the remote, via the on-screen menu system
- **VCR PLUS+ ON-SCREEN PROGRAMMING** makes timer programming as easy as dialing a phone number; uses PlusCode[®] numbers found in the TV listings of over 600 newspapers and TV Guide[®]
- **DSS[®] RECEIVER OR CABLE BOX CONTROL WITH OPTIONAL⁴ CABLE MOUSE[®] REMOTE REPEATER** - let you use the VCR remote to change channels on most brands² of cable boxes³, plus Sony and RCA[®]-brand DSS Receivers; enables unattended timer recording of cable and DSS channels
- **CAMCORDER FRIENDLY FRONT PANEL INPUTS** for hooking up a camcorder without turning the VCR around
- **COMMERCIAL SKIP** automatically advances the tap 60 seconds at the touch of a button
- **ENHANCED COLOR ON-SCREEN HELP** is like having a VCR expert on hand to give you advice
- **8-EVENT/1-MONTH TIMER** with 1-hour backup
- **QUICK TIMER** for convenient one-touch recording
- **AUTO HEAD CLEANER** reduces clogging by automatically clearing tape residue every time you insert a tape
- **LINEAR COUNTER** indicates tape position in hours, minutes and seconds of real time
- **TAPE REMAINING DISPLAY** shows length of time remaining during record or playback
- **EDIT SWITCH** maximizes picture quality when you copy taped scenes
- **AUTO PRESET TUNER** with Express Tuning[®] system
- **VTR 1/2/3 SELECTOR** allows the remote control to operate up to 3 different Sony VCRs
- **CHILDLOC[™] CIRCUITRY** freezes control of the VCR except for timer functions
- **AUTO TAPE SPEED** will automatically change the tape speed from SP to EP if the timer recording time is longer than the tape left

A/V Receiver Section

- **POWERFUL SURROUND SOUND AMPLIFIER** for Left Right, Center and Surround speakers
- **STEREO MODE: 75 WATTS PER CHANNEL X2**, both channels driven into 8 ohms, 1,000Hz, 0.8% THD

- **SURROUND MODE: 50 WATTS PER CHANNEL X3**, (Left, Right and Center) all channels driven into 8 ohms, 1,000Hz, 0.8% THD
- **SURROUND CHANNELS: 25 WATTS PER CHANNEL X2**, both channels driven into 8 ohms, 1,000Hz, 0.9% THD
- **DOLBY PRO LOGIC SURROUND DECODING** brings home all the excitement and emotional impact of movie sound tracks; decodes and amplifies all the surround channels already encoded in most VHS movies, laserdiscs, many TV dramas and sports broadcasts
- **DIGITAL SIGNAL PROCESSING WITH 7 PRESET ACOUSTIC ENVIRONMENTS** to reproduce music, movies and TV shows in the appropriate setting: Pro Logic Mode, Theater, Mono Movie, Hall, Acoustic, Stadium and Game
- **AUTO INPUT BALANCE** ensures that the surround system is properly set up and balanced for dynamic and impactful home theater
- **VARIABLE DELAY TIME** (from 10 to 30 milliseconds) delays the surround channel relative to the front channels to adjust the spaciousness of the surround sound effect
- **SURROUND SOUND ADJUSTMENTS** let you optimize each environment to your taste; you can control Effect Level, Surround Level and Center Level
- **DISCRETE OUTPUT TRANSISTORS** for front channels have high speed, high current capacity and low distortion
- **8-FUNCTION INPUT SELECTOR** (VHS, Line, TV, Video 1 and 2, CD, Tuner, Tape/MD) accommodates your audio and video sources
- **30 AM/FM STATION PRESETS**
- **MUTING SWITCH** lowers the volume for temporary interruptions
- **HEADPHONE OUTPUT** for private listening
- **BASS BOOST**

VCR Plus+ Timer Programming

If you can dial a telephone number, you can program the SLV-AV100, thanks to the VCR Plus+ system. The VCR Plus+ system makes your life a whole lot easier. Just look in TV Guide® or your newspaper's TV listings for the PlusCode number of the program you want. Then punch it in the remote control, and presto! Start time, stop time and channel are all set automatically. And PlusCode listings are found in over 600 publications nationwide.

The Sony Shuttle

Frame Advance. Slow Motion. 2X Play. Picture Search. All these wonderful playback modes bring with them all those annoying little buttons. That's why we invented the Sony Shuttle. As you turn this large knob forward, you get progressively faster special effects modes from Frame-by-Frame Advance to high-speed Picture Search. Turn in the opposite direction and you get all these modes in reverse! Which means you can rock the control back and forth to find, play, replay and study anything from touchdowns to touch dancing. There's more. Hit the Stop button, thoughtfully located in the center, and turn the knob to the right for Fast Forward, to the left for Rewind. The Sony Shuttle. It makes VCR sophistication simple.

Expert Help When You Need It

If you'd use your VCR with more confidence if a technical whiz were giving you advice, you'll appreciate Sony's On-Screen Help. It's like having a technical expert ready to talk you through just about any operation. In plain English and colorful graphics, help messages explain exactly how to set the clock, tuner and more. And the help is "context-sensitive." If you make a mistake, the messages will help you correct it.

Dolby Pro Logic Surround Sound

When you watch movies and TV shows, are you getting all the sound that's coming to you? With the SLV-AV100, the answer will be "Yes!" The Power Cinema VCR incorporates Dolby Pro Logic decoding to "unlock" the Center and Surround channels that have been encoded onto so many sound tracks for VHS rental movies, TV shows and even some CDs. The Dolby Pro Logic circuitry decodes these channels, separating them out. And the AV100 provides all the amplifiers you'll need to drive the Left, Center, Right and Surround speakers.

Digital Signal Processing

With Sony's Digital Signal Processing (DSP), the SLV-AV100 can place your music in exactly the right acoustic environment. There's a choice of 7! So you can enjoy concertos in a Concert Hall, movies in a Theater and rock concerts in a Stadium. And with the on-screen graphics, you see your DSP choices and adjustments on your TV screen.

SPECIFICATIONS

VCR SECTION

FORMAT: VHS

RECORDING SPEEDS: SP/EP

PLAYBACK SPEEDS: SP/EP/LP

CHANNEL COVERAGE: VHF: 2-13

UHF: 14-69

Cable³: 1-125

TOTAL CHANNELS: 181

ANTENNA TERMINALS: 75-ohm "F" type

VIDEO HEADS: Dual Azimuth 4-head system

VIDEO SIGNAL-TO-NOISE RATIO: >45dB

DYNAMIC RANGE: >90dB (VHS Hi-Fi)

FREQUENCY RESPONSE: 20-20,000Hz (VHS Hi-Fi)

WOW AND FLUTTER: <0.005% (WRMS, VHS Hi-Fi)

TIME CLOCK: Crystal locked 12-hour cycle with 1-hour power backup

PROGRAMMABILITY: 8 events/1 month

A/V RECEIVER SECTION

LEFT/RIGHT POWER OUTPUT: 75 watts per channel x2, both channels driven into 8 ohms, 1,000Hz, 0.8% THD

CENTER POWER OUTPUT: 50 watts driven into 8 ohms at 1,000Hz, 0.9% THD

SURROUND POWER OUTPUT: 25 watts per channel x2, both channels driven into 8 ohms at 1,000Hz, 0.9% THD

GENERAL

VIDEO INPUTS: TV: Phono type (1)

Video 1: Phono type, rear (1)

Video 2: Phono type, front (1)

Line: Phono type (1)

AUDIO INPUT: TV: L/R Phono type (1 pair)

Video 1: L/R Phono type, rear (1 pair)

Video 2: L/R Phono type, front (1 pair)

Line: L/R Phono type (1 pair)

CD: L/R Phono type (1 pair)

Tape/MD: L/R Phono type (1 pair)

VIDEO OUTPUT: Monitor: Phono type (1)

AUDIO OUTPUT: Tape/MD: L/R Phono type (1 pair)

POWER REQUIREMENTS: 120V AC, 60Hz

DIMENSIONS (WHD): 17" x 6 1/4" x 16 1/4" (430 x 157 x 412mm)

WEIGHT: 28 lbs 10 oz (13kg)

SUPPLIED ACCESSORIES: RMT-V209 UniCommander® Remote Control (with 2 AA size batteries; 75-ohm Coaxial Cable; Audio/Video connecting cord; AC power cord; Instruction manual

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Features and specifications are subject to change without notice. Non-metric weights and measures are approximate.

¹Stereo Reception: Stereo and separate audio program (SAP) reception are only available from broadcasts encoded with these services.

²May not be compatible with some brands or models.

³Cable service is only available to subscribers of the service. This model tunes in most non-scrambled cable channels directly. Scrambled cable TV channels will require an external converter. Optional Cable Mouse unit controls channel selection on most cable boxes. Some cable boxes may not be compatible.

⁴Requires optional Cable Mouse accessory, \$14.95 plus S&H, local tax.

SONY

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Printed in USA 1/97