

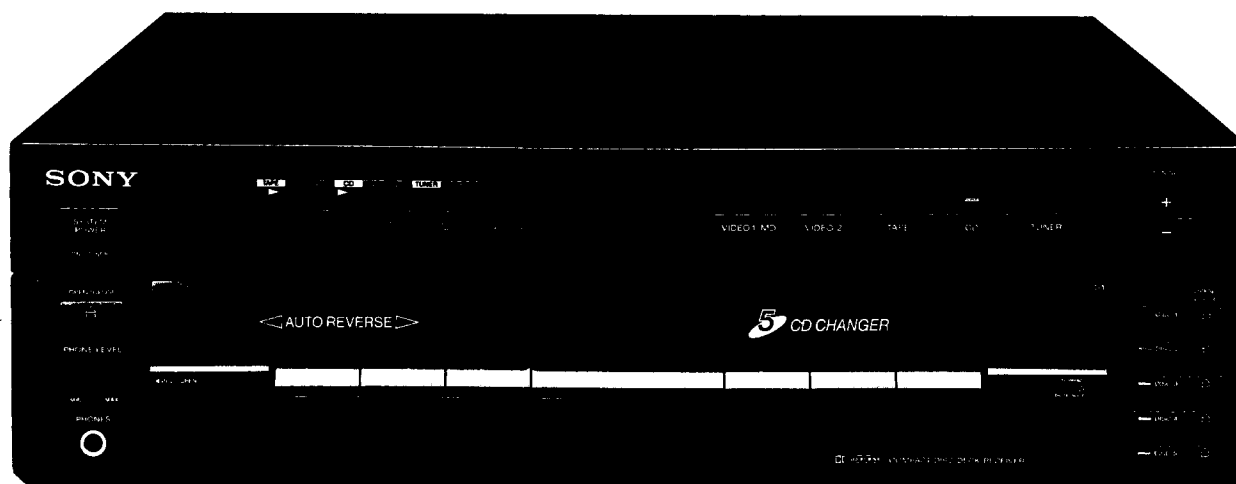
**SONY**

# **HCD-VA550**

## **AUDIO SOURCE COMPONENT**

FEATURES AND  
SPECIFICATIONS  
SUBJECT TO CHANGE  
WITHOUT NOTICE

- MATCHES SONY MaxTV™ SURROUND SYSTEM OR GENERAL USAGE
- PREAMPLIFIER WITH 5-INPUT FUNCTION SELECTOR
- 5-DISC CD CHANGER WITH PULSE-TYPE DIGITAL-TO-ANALOG CONVERTER
- TUNER WITH 30 STATION PRESETS
- AUTO REVERSE CASSETTE DECK WITH DOLBY® B AND C NOISE REDUCTION
- SYSTEM REMOTE COMMANDER® REMOTE CONTROL



## HCD-VA550

Start with a TV and VCR. Then add a Sony MaxTV™ Surround System (with amplifiers, speakers and Dolby Pro Logic® decoding). Now you're ready for the HCD-VA550. It's an audio source component that completes the audio picture. With Preamp, CD Changer, Tuner and Cassette Deck, it's got exactly the sources you'll need. And it's exactly the right size; it fits under the VCR shelf in selected Sony TV stands!

### FEATURES

#### Preamplifier

- **5-FUNCTION INPUT SELECTOR** including MD and Aux inputs to accommodate external sources
- **AUDIO LINE OUTPUT** to the Sony SA-VA Series Home Entertainment Sound System
- **HEADPHONE JACK** with level control for private listening
- **AC CONVENIENCE OUTLET**
- **REMOTE COMMANDER®** full function remote control

#### AM/FM Tuner

- **20 FM + 10 AM STATION PRESETS** for fast access to your favorite stations
- **FREQUENCY SYNTHESIS TUNING** for maximum accuracy; always tunes to the center of the broadcast channel for minimum distortion
- **UP/DOWN TUNING** automatically seeks the next station on the band
- **MPX FILTER**

#### 5-Disc CD Changer

- **PULSE-TYPE DIGITAL-TO-ANALOG CONVERTER** eliminates zero-cross distortion, considered by researchers to be the most audible distortion in CD players; the result is remarkably smooth, open sound—even during delicate quiet passages
- **MUSIC CALENDAR** indicates tracks played and remaining
- **CUSTOM EDIT FOR MULTI-DISC TIME, FADE AND PROGRAM** fits CD selections onto a specified amount of time, makes recording from the CD a snap

#### Auto Reverse Cassette Deck

- **AUTO REVERSE** lets you hear both sides of a cassette without getting up to change sides
- **DOLBY B AND C NOISE REDUCTION** for up to 20 dB suppression of noise in the high frequencies
- **CD SYNCHRO RECORDING** coordinates Play and Pause with the built-in CD changer, for easier recording from CDs
- **AUTOMATIC TAPE TYPE SELECTOR**

### SPECIFICATIONS

**FREQUENCY RESPONSE:** 10Hz - 50kHz  $\pm 3$ dB

**INPUT SENSITIVITY:** MD: 440mV

AUX: 250mV

**IMPEDANCE:** MD: 50k $\Omega$

**OUTPUT LEVEL:** AUX: 50k $\Omega$

MD: 250mV

FIX OUT: 440mV

VARIABLE OUT: 620mV

#### STEREO

**TUNING RANGE:** FM: 87.5 - 108MHz

AM: 530 - 1710kHz

**S/N 50dB:** MONO: 300 $\Omega$ , 7 $\mu$ V/22.1dBf

STEREO: 300 $\Omega$ , 70 $\mu$ V/42.1dBf

**S/N RATIO:** FM: MONO: 60dB (at 75kHz deviation)

AM: 40dB

**IHF:** FM: 5 $\mu$ V/19.5dBf

**THD (at 1kHz):** MONO: 2.0%

STEREO: 3.0%

AM: 3.0%

**SELECTIVITY:** FM: 55dB at 400kHz

AM: 38dB at 10kHz

**SEPARATION:** FM: 20dB at 1kHz

**ANTENNA:** AM: Loop Antenna

#### TAPE RECORDER

**S/N:** NORMAL: >44dB

CrO<sub>2</sub>: >46dB

**HARMONIC DISTORTION:** NORMAL: <1.5%

CrO<sub>2</sub>: <2.0%

**WOW & FLUTTER:** WRMS (NAB): 0.18%

**FREQUENCY RESPONSE:** DOLBY NR OFF (IEC): TYPE I: 30Hz - 13kHz  $\pm 3$ dB

TYPE II: 30Hz - 14kHz  $\pm 3$ dB

#### CD PLAYER

**FREQUENCY RESPONSE:** 2Hz - 20kHz  $\pm 1.5$ dB

**HARMONIC DISTORTION:** <0.03%

**S/N RATIO:** >85dB

**SEPARATION (10kHz):** <65dB

#### GENERAL:

**DIMENSIONS (WHD):** 430 x 130 x 385mm

**WEIGHT:** 8.3kg

**POWER CONSUMPTION:** 25W

**CARTON SIZE (WHD):** 525 x 245 x 480mm

**CARTON WEIGHT:** 9.5kg

# SONY

Sony Electronics Inc.  
1 Sony Drive  
Park Ridge, New Jersey 07656

©1995 Sony Electronics Inc.

Reproduction in whole or in part without written permission is prohibited. All rights reserved. Features and specifications subject to change without notice. Non-metric weights and measures are approximate.

Sony, MaxTV and Remote Commander are trademarks of Sony. Dolby and Pro Logic are trademarks of Dolby Laboratories Licensing Corp.

Printed in USA 11/95