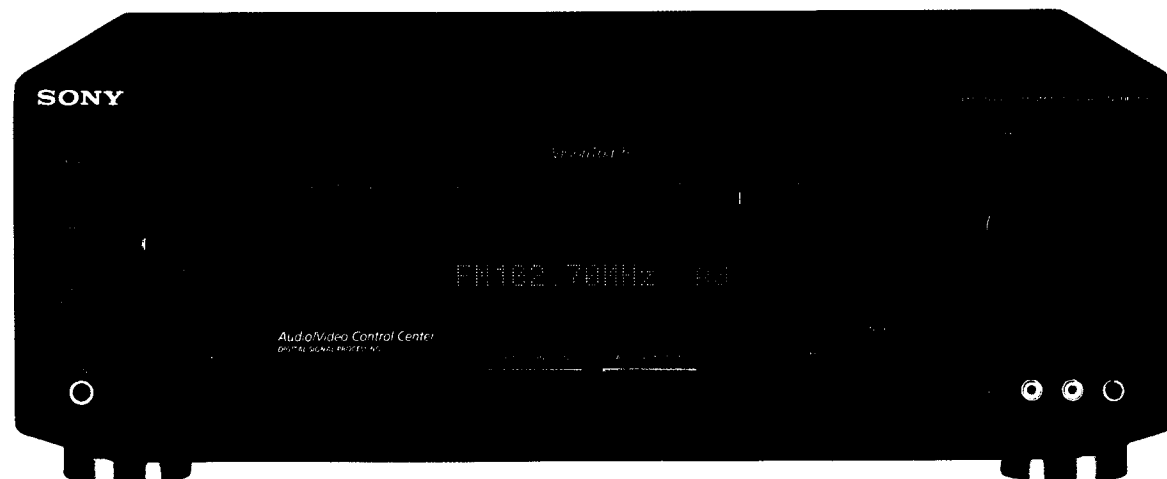


SONY

STR-DE815G

VISIONTOUCH™ A/V RECEIVER

- ▲ NEW VISIONTOUCH™ JOYSTICK POINT-AND-CLICK REMOTE CONTROL
- ▲ ON-SCREEN GRAPHIC DISPLAY FOR SYSTEM CONTROL
- STEREO MODE: 100 WATTS PER CHANNEL X2, 8 OHMS OR 4 OHMS, 20-20,000 HZ, 0.09% THD
- SURROUND MODE: 100 WATTS PER CHANNEL X5, 8 OHMS, 1,000HZ, 0.8% THD
- DOLBY® DIGITAL (AC-3) READY
- DOLBY PRO LOGIC® DECODER FOR SURROUND SOUND
- DIGITAL SIGNAL PROCESSING WITH 15 ACOUSTIC ENVIRONMENTS
- SONY'S EXCLUSIVE DIGITAL CINEMA SOUND™ SYSTEM
- ▲ 10 FUNCTION INPUT SELECTOR
- ▲ FRONT A/V INPUT
- ▲ SPEAKER BINDING POSTS
- WIRELESS REAR SPEAKER OUTPUT
- S-LINK™ CONTROL BUS FOR A/V SYSTEM CONVENIENCE



- ▲ STEP UP FEATURE

- **AUTO TUNING** scans up and down the band
- **TUNER INDEXING** lets you group and scan stations by type of programming; you name each type, so you can choose to scan only the stations grouped under ROCK or JAZZ or SUE
- **75-OHM COAXIAL ANTENNA INPUT**
- **DISCRETE OUTPUT TRANSISTORS** for front three channels have high speed, high current capacity and low distortion
- **COMPLEMENTARY PUSH-PULL OUTPUT STAGE** for all five channels; achieves low distortion using two transistors per channel: one for the positive half of the audio waveform and one for the negative
- **SEPARATE POWER TRANSFORMERS** for the audio and the fluorescent display to protect low-level audio signals from display noise
- **4-OHM/8-OHM SWITCH** for reliable operation with low-impedance speakers
- ▲ **SPEAKER BINDING POSTS**
- **TWO AC OUTLETS**

The VisionTouch System

With the STR-DE815G, Sony introduces a new, more refined version of our critically-acclaimed VisionTouch system. In this new version, you can control your system two ways, through conventional buttons or through a single joystick. When you choose the joystick, you'll see your control choices as menu options. Here again, there are two choices. You can see menus in the Receiver's front-panel Multi-Display—or see them in full color on your television screen! Using the joystick, you simply move the on-screen cursor to the menu item of your choice. It's much like using a computer mouse—only there are no wires to tangle you up or slow you down.

The system offers on-screen controls not only for the Receiver, but for infrared remote CD players, Sony-brand Digital Satellite System receivers, Sony components that can receive StarSight™ TV listings, cassette decks, MiniDisc recorders, VCRs, laserdisc players and televisions. It's pre-programmed to work with Sony components, and can be re-programmed for non-Sony components.

VisionTouch System Convenience

The VisionTouch remote also automates system operation. For example, when you select Video 1, the VCR automatically turns on and the Receiver and TV set both automatically switch to the correct input. You can build two of your own "macros," eight-step routines that can make complex procedures simple. And with the right infrared activated devices, you can even use the VisionTouch Receiver to dim the living room lights and close the curtains.

Customizing the VisionTouch System

The VisionTouch system can be customized to fit individual tastes and needs. For example, you can give each input a name of up to 8 characters, so you can name the "Video 1" input "VCR" or "SLV975HF." You can also assign names or index groups to each of the 30 AM/FM station presets. You can see your selected Custom File™ names for the discs in a Sony 200-CD Changer. You can choose any of five settings for pointer movement sensitivity and either of two color schemes for the on-screen menus.

Digital Cinema Sound System

Sony enhances the usual Dolby Pro Logic decoding with exclusive Digital Cinema Sound modes. They're DSP environments based on the actual acoustic measurements we made at movie production dubbing stages all located on the lot of Sony Pictures Studios, in Culver City, California. With the precise reverberation qualities of these venues stored as DSP environments, the DE815G makes your movies sound exactly the way they were meant to be heard!

Dolby Digital (AC-3) Ready

A new age of audio/video entertainment is coming: the age of DVD. Based on CD, it's the 5-inch optical disc that combines studio-quality digital video and Dolby Digital sound tracks with 5.1 discrete channels of surround sound. The STR-DE815G prepares you for this event. Five equally powerful channels of amplification handle the main speakers. A subwoofer output sends the ".1" channel to a powered subwoofer. And the Receiver's six-channel line-level input is ready for connection to an outboard Dolby Digital decoder — whether it's a free-standing decoder or built into your DVD player. When we say the DE815G is "ready," we really mean it.

STR-DE815G

Not so very long ago, home entertainment was simple. Your choices were limited to changing the TV channel. Now there's cable, satellite broadcasting, VCRs, camcorders, compact disc, audio cassette and more. The Sony STR-DE815G brings you all these new choices, together with the simplicity of bygone days. The secret is the VisionTouch remote system. It can display all your entertainment choices as colorful icons on your television screen. It's the amazingly simple way to access sophisticated home entertainment.

FEATURES

- ▲ **NEW VISIONTOUCH JOYSTICK POINT-AND-CLICK REMOTE CONTROL** simplifies operating even extensive A/V systems; new hybrid design lets you use conventional control buttons, on-screen graphics or both
- ▲ **ON-SCREEN GRAPHIC DISPLAYS** let you point and click to select sources, set volume, play CDs and make adjustments
- ▲ **FRONT-PANEL MULTI-DISPLAY** shows your menu choices, enables VisionTouch joystick operation to continue, even when your television is off; uses dot-matrix fluorescent display
- **STEREO MODE: 100 WATTS PER CHANNEL X2**, both channels driven into 8 ohms or 4 ohms, 20 - 20,000Hz, 0.09% THD
- **SURROUND MODE: 100 WATTS PER CHANNEL X5**, five channels driven into 8 ohms, 1,000Hz, 0.8% THD
- **EQUAL POWER TO ALL FIVE CHANNELS**—Left, Right, Center, Left-Rear and Right-Rear—important for theater-quality Dolby Digital and Dolby Pro Logic surround sound
- **DOLBY DIGITAL (AC-3) READY** to get the most from the latest generation of home entertainment sources, including the new DVD format; six analog inputs for 5.1 channel connection from an optional, outboard Dolby Digital decoder
- **DOLBY PRO LOGIC SURROUND SOUND** brings home all the excitement and emotional impact of movie sound tracks; decodes and amplifies all the surround channels already encoded in most movie videocassettes and laserdiscs, many TV dramas and sports broadcasts
- **DIGITAL SIGNAL PROCESSING WITH 15 PRESET ACOUSTIC ENVIRONMENTS** to reproduce movies and music in the appropriate setting: Pro Logic Normal and Enhanced Modes, Small and Large Theater, Mono Movie, Small and Large Hall, Acoustic, Karaoke, Arena, Stadium and Game
- **DIGITAL CINEMA SOUND SYSTEM**—a Sony exclusive that recreates the precise acoustics of two movie production dubbing stages at Sony Pictures Studios in Culver City, California; you'll hear movies the way the producers and directors heard them
- ▲ **10 FUNCTION INPUT SELECTOR**
- ▲ **FRONT AUDIO AND VIDEO INPUTS** are ready to connect your camcorder
- **WIRELESS REAR SPEAKER OUTPUT** feeds line-level rear speaker information to the transmitter of an optional wireless speaker system; eliminates the need to run speaker cable from the front to the back of a room and makes rear speaker positioning easy
- **FIVE-CHANNEL DSP** spreads the rear speaker sound, creating a huge soundstage rivaling professional theater installations
- **S-LINK CONTROL BUS** for A/V system convenience; offers advanced communications with compatible Sony A/V components
- ▲ **200-CD CHANGER DISC MANAGEMENT** with on-screen disc title input and title search
- **SONY-BRAND DSS® RECEIVER CONTROL** for integrating over 150 digital TV channels into your home entertainment system with an optional DSS® Receiver
- ▲ **STARSIGHT™ CONTROL** for Sony components that can receive these interactive on-screen listings of what TV shows are on what TV channels
- **AUTO INPUT BALANCE, SEQUENTIAL TEST TONE** ensure 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 AND CENTER CHANNEL LEVEL CONTROLS** to fine-tune surround and DSP effects
- **MIX OUTPUT FOR SUBWOOFER** mixes information from left, center and right channels
- **TAPE MONITOR** for true off-tape monitoring as you record
- **INPUT INDEXING** displays the model name or source type for each input, for example "VHS" or "SLV975HF" instead of "Video 1"
- **ELECTRONIC BASS AND TREBLE** controls for lower noise and distortion
- **LOW BOOST** for natural tonal balance at low listening levels
- **MUTING SWITCH** on the remote control lowers the output by 15dB for telephone calls and other interruptions
- **HEADPHONE JACK** for private listening
- **FREQUENCY SYNTHESIS AM/FM TUNING** for maximum accuracy, always tunes to the center of the broadcast channel for minimum distortion
- **30 AM/FM RANDOM STATION PRESETS** let you store AM and FM stations in any combination

SPECIFICATIONS

STEREO MODE POWER OUTPUT: 100 watts per channel x2, both channels driven into 8 ohms, 20 - 20,000Hz, 0.09% THD

SURROUND MODE POWER OUTPUT: 100 watts per channel x5, five channels driven into 8 ohms, 1,000Hz, 0.8% THD

INPUT SENSITIVITY/IMPEDANCE: Phono: 2.5mV, 50 kohms
CD: 200mV, 50 kohms
Line: 150mV, 50 kohms
Video: 1.0V, 75 ohms, unbalanced

RECORD OUTPUT LEVEL/IMPEDANCE: Audio: 150mV, 50 kohms
Video: 1.0V, 75 ohms, unbalanced

FREQUENCY RESPONSE: Phono: RIAA ± 0.5 dB
Line: 10 - 50,000Hz, ± 1 dB

LOW BOOST: +10 dB at 70Hz

IHF SENSITIVITY: 11.2dBf

50 DB SENSITIVITY: Mono: 18.3dBf; Stereo: 38.3dBf

SELECTIVITY: 60dB @ 400kHz (alternate channels)

SEPARATION: 45dB

FM FREQUENCY RESPONSE: 30 - 15,000Hz, $\pm 0.5/-2$ dB

FM DISTORTION: @ 1 kHz, Mono: 0.30%; Stereo: 0.59%

FM SIGNAL-TO-NOISE RATIO: Mono: 76dB; Stereo: 70dB

DIMENSIONS (WHD): 17 x 6 $\frac{1}{8}$ x 14 $\frac{1}{8}$

WEIGHT: 22 lbs 4 oz

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Non-metric weights and measures are approximate.

SONY

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