

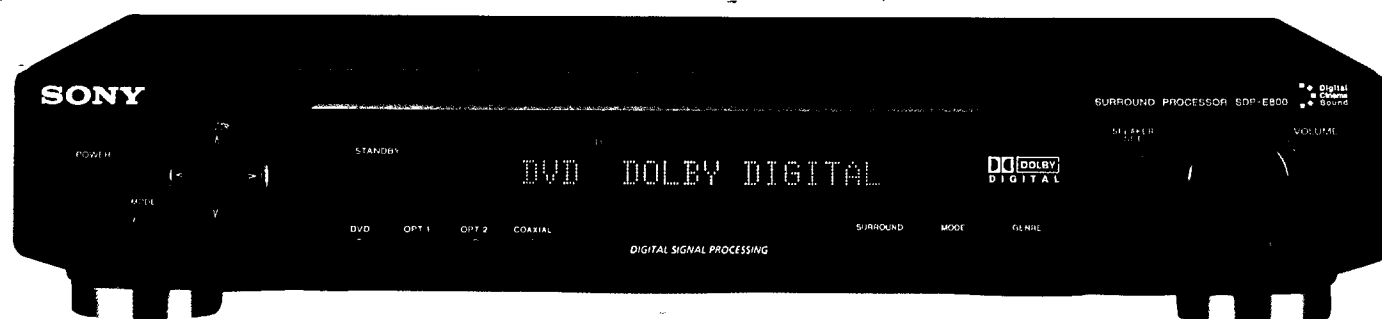
**SONY**

# **SDP-E800**

**DOLBY® DIGITAL DECODER**

FEATURES AND  
SPECIFICATIONS  
SUBJECT TO CHANGE  
WITHOUT NOTICE

- DOLBY DIGITAL DECODING
- DOLBY PRO LOGIC® DECODING
- 24-BIT DIGITAL PROCESSING
- SONY DIGITAL CINEMA SOUND™ SYSTEM
- DIGITAL CINEMA SOUND 3D PROCESSING
- HYBRID PULSE D/A CONVERTERS
- SPEAKER SIZE SETUP WITH BASS REDIRECTION
- DIGITAL CROSSOVER CONTROL
- DIGITAL "I" VOLUME CONTROL



## SDP-E800

In the world of home entertainment sound, nothing beats Dolby Digital sound tracks with discrete, digital channels for Left, Right, Center, Left-Surround, Right-Surround and Bass Effects. Few components bring Dolby Digital sound home like the Sony SDP-E800. Superb 24-bit processing exceeds the resolution of previous decoders. While Sony's exclusive Digital Cinema Sound modes establish a new standard for accuracy in reproducing true movie theater sound.

### FEATURES

- **DOLBY DIGITAL (AC-3®) DECODING** for surround sound that is far more dynamic, spacious and realistic; generates 5.1 separate channels of line-level sound for Left, Right, Center, Left Surround, Right Surround and Subwoofer
- **DIGITAL 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 movie videocassettes, many TV dramas and sports broadcasts
- **AUTOMATIC PROCESSING SELECTION** senses when the incoming signal is Dolby Digital encoded and automatically applies the correct decoding; for conventional PCM digital audio, defaults to Dolby Pro Logic decoding
- **DIGITAL CINEMA SOUND SYSTEM**—a Sony exclusive that recreates the precise acoustics of real movie production dubbing stages at Sony Pictures Studios in Culver City, California; you'll hear movies the way the producers and directors heard them
- **DIGITAL CINEMA SOUND 3D PROCESSING** overcomes limitations in rear-speaker placement with Virtual Enhanced Surround, Virtual Rear Shift and Virtual Multi Rear effects
- **24-BIT DIGITAL PROCESSING** decodes the full dynamic range of Dolby Digital sound tracks; exceeds the processing capabilities of previous Dolby Digital decoders; uses 53rd-order x2 FIR filtering for superlative accuracy; performs 44 million digital calculations every second
- **SPEAKER SIZE SETUP WITH BASS REDIRECTION** compensates for inability of many rear speakers to handle the full 20 to 20,000Hz frequency response of Dolby Digital surround channels; redirects surround bass to the front speakers or subwoofer; 16 possible settings for complete system flexibility

- **REAR-CHANNEL STEREO**
- **SIX-CHANNEL TEST TONE** for system alignment
- **DIGITAL CROSSEVER CONTROL** with five crossover frequencies for bass redirection
- **DIGITAL "I" VOLUME CONTROL** regulates current to achieve a full 20 bits of resolution at every volume level
- **DIGITAL BALANCE CONTROL** for superior accuracy
- **INDEPENDENT DIGITAL BASS AND TREBLE CONTROLS** for front, center and surround channels
- **PULSE D/A CONVERTER** minimizes 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
- **8X OVERSAMPLING DIGITAL FILTER** for better stereo imaging, greater accuracy
- **SET-UP WIZARD** steps you through the process of initial set-up; makes sophisticated adjustments easy
- **20-CHARACTER DOT MATRIX DISPLAY** for accurate, informative function readouts
- **MOTORIZED MASTER VOLUME CONTROL** with indicator LED
- **THREE OPTICAL DIGITAL INPUTS** to accommodate DVD Players and other Dolby Digital sources
- **SINGLE OPTICAL DIGITAL OUTPUT** for high-quality digital-to-digital connections
- **DOLBY DIGITAL RF INPUT** for Dolby Digital decoding with compatible Laserdisc players

### SPECIFICATIONS

**DIMENSIONS (WHD):** 17" x 3 7/8" x 14"

**WEIGHT:** 14 lbs 5 oz

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Features and specifications are subject to change without notice.

Non-metric weights and measures are approximate.

# SONY

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