

# DS-8/-7/-5 Bi-Amp Monitors

## A High Quality Monitor for Professional Mixing Environments

The DS-8/-7/-5 are Roland's flagship two-way active digital reference monitors, offering superb sound quality with precise imaging and low coloration. They are ideally suited for critical listening in professional, project, and home studios, fixed and mobile broadcast facilities, or any other recording environment where professional sound quality and accuracy are essential during playback.



■ DS-8



■ DS-7



■ DS-5

\*Actual product appearance may be subject to change.

- Superb sound quality with balanced energy output for critical listening
- Newly designed cabinet with bi-amplified circuit that produces no out of phase characteristics
- 24-bit digital input with up to 192 kHz sampling rate

- XLR, coaxial, and optical digital inputs; AES/EBU and S/PDIF format
- Compact design, with three models to fit a variety of mixing environments
- Newly designed heat sink and front-panel power switch; compatible new IEC60065 safety standards

## Accurate Monitoring For A True Mix

Each of the DS-Series monitors exhibit excellent stereo imaging and a consistent "flat" frequency response in near-field listening environments. The 24-bit (up to) 192 kHz digital specification produces a smooth response that decreases the chance of ear fatigue during extended critical-listening sessions. The result is a rich sound field with desirable spatial characteristic.

## Perfect Partners

There are three DS-Series models, each designed to fit into a variety of recording environments, from project to professional studios. The DS-5 is a 45-watt, 5-inch two-way system; the DS-7 is a 60-watt 6.5-inch two-way system; and the DS-8 is a 120-watt, 8-inch two-way system. Each model features XLR inputs for AES/EBU compatibility and coaxial I/O for integration into digital recording and workstation environments such as Roland's VS Series Digital Workstations.

## Efficient Power with a New Cabinet Design

The DS-Series' efficient heat sink power amplifier is fully compatible with new IEC60065 safety standards. The power switch is built into the front panel for optimum convenience. A newly designed shielded cabinet helps eliminate interference in TV, radio and other recording environments where speakers are placed in close proximity to video monitors and computer screens.



■ DS-8/-7/-5 Connectors

### DS-8/-7/-5 Specifications

■ **System** 2-Way Bi-Amplified Monitor ■ **Enclosure** Bass-reflex type ■ **Cabinet** DS-8: 3/4" MDF (Baffle: 1" MDF), DS-7: 5/8" MDF (Baffle: 3/4" MDF), DS-5: 1/2" MDF (Baffle: 5/8" MDF) ■ **LF Driver** DS-8: 200 mm (8") Polypropylene cone type (magnetically shielded), DS-7: 160 mm (6-1/2") Polypropylene cone type (magnetically shielded), DS-5: 130 mm (5-1/4") Polypropylene cone type (magnetically shielded) ■ **HF Driver** DS-8: 25 mm (1") Soft dome type (magnetically shielded), DS-7: 19 mm (3/4") Soft dome type (magnetically shielded), DS-5: 19 mm (3/4") Soft dome type (magnetically shielded) ■ **Frequency Response** DS-8: 58 Hz to 24 kHz (+/-3 dB), DS-7: 68 Hz to 23 kHz (+/-3 dB), DS-5: 78 Hz to 23 kHz (+/-3 dB) ■ **Crossover Frequency** DS-8: 2.3 kHz (active fourth order), DS-7: 2.7 kHz (active fourth order), DS-5: 3.3 kHz (active fourth order) ■ **LF Amplifier Power** DS-8: 80 W, DS-7: 40 W, DS-5: 30 W ■ **HF Amplifier Power** DS-8: 40 W, DS-7: 20 W, DS-5: 15 W ■ **Analog Input** Input Sensitivity: 0 dBu (0.775 Vrms), Input Impedance: 20 kΩ (Balanced/Unbalanced) ■ **Digital Input** Format: Conformity with AES/EBU and IEC60958, Sample Rate: 32 kHz to 192 kHz (automatically) (de-emphasis: OFF),

Word Length: 24-bit, D/A Converter: 24-bit ■ **Controls** LEVEL Knob, LF TRIM Knob, HF TRIM Knob, INPUT SELECT SW (Analog In/Digital In), ASSIGN SW (Right/L+R/Left), DIGITAL INPUT SELECT SW (AES/EBU / Optical / Coaxial), POWER SW ■ **Indicators** POWER, DIGITAL IN ■ **Connectors** ANALOG INPUT (XLR / 1/4 inch TRS phone type), DIGITAL INPUT (XLR), DIGITAL INPUT (Optical), DIGITAL INPUT (Coaxial), DIGITAL THRU OUT (Coaxial) ■ **Power Supply** AC 117 V, AC 220V, AC 230 V, AC 240 V (50/60Hz) ■ **Power Consumption** DS-8: 125 W, DS-7: 75 W, DS-5: 55 W ■ **Dimensions** DS-8: 254 (W) x 367 (D) x 406 (H) mm / 10 (W) x 14-1/2 (D) x 16 (H) inches, DS-7: 209 (W) x 306.5 (D) x 336 (H) mm / 8-1/4 (W) x 12-1/8 (D) x 13-1/4 (H) inches, DS-5: 184 (W) x 267.6 (D) x 295 (H) mm / 7-1/4 (W) x 10-9/16 (D) x 11-5/8 (H) inches ■ **Weight** DS-8: 17.2 kg / 37 lbs 15 oz, DS-7: 9.7 kg / 21 lbs 7 oz, DS-5: 7.2 kg/15 lbs 14 oz ■ **Accessories** Owner's Manual, Power Cord

\* 0 dBu=0.775 Vrms

\* Specifications are subject to change without notice.