

DTR-5.9

7.1-CHANNEL HOME THEATRE RECEIVER



FEATURES

AMPLIFICATION:

- 175 W/Ch, 6 Ω, 1 kHz, 1 Channel Driven, JEITA
- 90 W/Ch, 8 Ω, 20 Hz—20 kHz, 2 Channel Driven, FTC
- Discrete Output Stages for All Channels
- WRAT—Wide Range Amplifier Technology (5 Hz - 100 kHz)
- Optimum Gain Volume Circuitry
- H.C.P.S.—High Current Power Supply
- Bi-Amping Capability for Music and Movie Sound Effects

PROCESSING:

- HDMI™ (Version 1.3a to Support 1080p, Deep Color™, x.v. Color™, LipSync, Dolby TrueHD, DTS-HD Master Audio, DVD-Audio, Super Audio CD)
- HDMI Video Upscaling (to 1080i) with Faroudja DCDi Edge™*1
- Dolby® TrueHD, Dolby® Digital Plus, DTS-HD® Master Audio, DTS-HD® High-Resolution Audio Decoding
- Advanced TI (Aureus™) 32-bit Processing DSP Chip
- 192 kHz/24-Bit Audio DACs for All Channels
- Audyssey 2EQ™ Automatic Room Calibration and Correction
- Audyssey Dynamic EQ™ for Loudness Correction
- A-Form Listening Mode Memory and IntelliVolume Input Level Calibration System
- Music Optimizer for Compressed Music Files
- Independent Crossover Adjustment for F/C/S/SB
- A/V Synchronization Function (up to 100 ms in 5 ms Steps)

*1 From component video, S-Video, and composite video inputs via HDMI output

CONNECTIONS:

- HDMI (4 Inputs and 1 Output)
- HDTV-Capable (720p/1080i) Component Video (2 Inputs and 1 Output)
- Color-Coded 7.1-Multichannel Inputs and Pre Outs
- Assignable Digital Inputs (2 Optical/2 Coaxial) and 1 Digital Output (Optical)
- Front Panel A/V Inputs

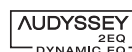
CUSTOM INTEGRATION FEATURES:

- Bi-directional Ethernet & RS232 Port for Control Systems
- Powered Zone 2 and Zone 2 Pre-Out; Independent Control for Balance and Bass/Treble
- Max & Power On Volume Settings for Main Zone & Zone 2
- IntelliZone for Second Room Playback and Control
- Dealer Settings Memory Store & Recall with Lock/Unlock
- Permanently Stored Memory Settings
- 2 IR Inputs and 1 Output
- 3 Unique Assignable IR Code Sets
- 3 Programmable 12V Triggers (with Adjustable Delay)
- RIHD (Remote Interactive over HDMI) for Integrated System Control*2 (Compatible with Panasonic VIERA Link™, as well as Selected Sharp Displays)

*2 Compatibility depends on respective model.



HDMI



SPECIFICATIONS

AMPLIFIER

Power Output

All Channels: 175 W at 6 Ω , 1 kHz,
1 Channel Driven, JEITA
90 W at 8 Ω , 20 Hz—20 kHz,
2 Channel Driven, FTC

Dynamic Power Output (Stereo): 2 \times 210 W at 3 Ω
2 \times 180 W at 4 Ω
2 \times 110 W at 8 Ω

Frequency Response: 5 Hz to 100 kHz: +1/−3 dB
(Direct Mode)

Signal-to-Noise Ratio: 106 dB (LINE, IHF-A)

Total Harmonic Distortion: 0.08% (Rated Power)

Damping Factor: 60 (Front, 1 kHz, 8 Ω)

Speaker impedance: 4 Ω —16 Ω

tone control

Bass: \pm 10 dB at 50 Hz
Treble: \pm 10 dB at 20 kHz

FM

Tuning Range: 87.5-108 MHz

AM

Tuning Range: 522-1,611 kHz

GENERAL

Power supply: AC 230 V, 50 Hz

Power consumption: 550 W

Dimensions (W \times H \times D): 435 \times 173 \times 391 mm

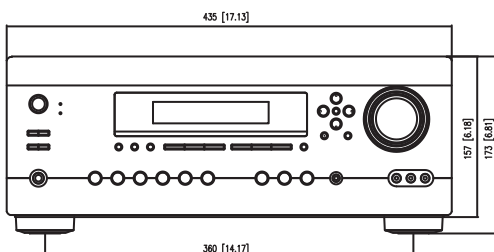
Weight: 11.5 kg

INPUT SENSITIVITY AND IMPEDANCE

Line: 200 mV, 47 k Ω

OUTPUT LEVEL AND IMPEDANCE

Rec Out: 200 mV, 2.2 k Ω



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