

# DTR-30.1

7.2-CHANNEL HOME THEATRE RECEIVER



## FEATURES

### AMPLIFICATION

- 175 W/Ch, 6 Ω, 1 kHz, 1 Channel Driven, JEITA
- 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, Dolby Digital Plus, DTS-HD Master Audio, DTS-HD High Resolution Audio, DVD-Audio, Super Audio CD, Multichannel PCM)
- HDMI Video Upscaling (to 1080i) with Faroudja DCDi Edge™\*1
- Dolby® TrueHD, Dolby® Digital Plus and Dolby® Pro Logic IIz Decoding
- 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
- Audyssey Dynamic Volume™ for Optimal Listening Levels and Dynamic Range
- 4 DSP Modes for Gaming (Rock, Sports, Action, RPG)
- A-Form Listening Mode Memory and IntelliVolume Input Level Calibration System
- Music Optimizer for Compressed Music Files
- Auto Input Detect Function
- Independent Crossover Adjustment for F/C/S/SB
- A/V Synchronization Function (up to 100 ms in 5 ms Steps)

\*1 From component video and composite video inputs via HDMI output

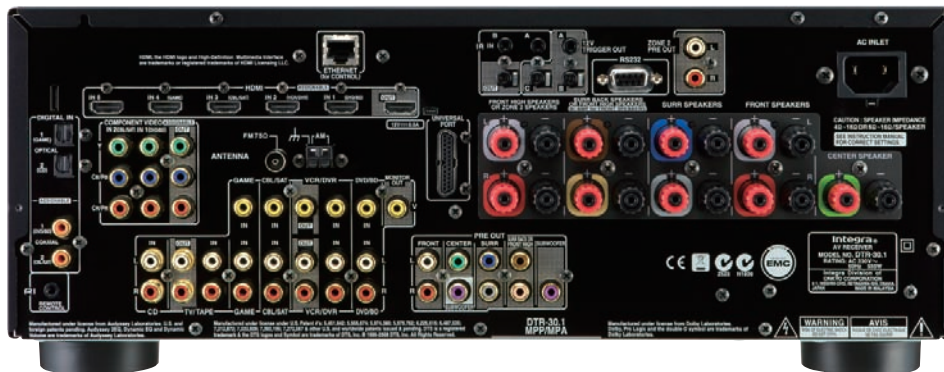
### CONNECTIONS

- HDMI (6 Inputs (1 on Front Panel) and 1 Output)
- HDTV-Capable (720p/1080i) Component Video Switching (2 Inputs and 1 Output)
- Universal Port for Single-Cable Connection of Optional Onkyo Dock for the iPod
- Color-Coded 7.2-Multichannel Pre Outs
- Assignable Digital Inputs (2 Optical/2 Coaxial)
- 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
- Multi-Language OSD (English, French, German, Spanish)
- 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 Leading Brand-Name Devices, Including Those with Panasonic Viera Link™ and Toshiba REGZA LINK™, and Selected Sharp Displays)
- PreProgrammed RI Remote Control with OSD Set-up

\*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 × 210 W at 3 Ω  
 2 × 180 W at 4 Ω  
 2 × 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% (1 kHz, 1W)

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

Speaker impedance: 4 Ω—16 Ω

#### INPUT SENSITIVITY AND IMPEDANCE

Line: 200 mV, 47 kΩ

#### OUTPUT LEVEL AND IMPEDANCE

Rec Out: 200 mV, 2.2 kΩ

#### TONE CONTROL

Bass: ±10 dB at 50 Hz  
 Treble: ±10 dB at 20 kHz

#### FM

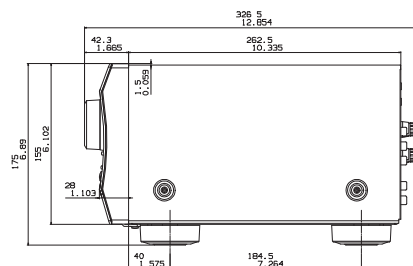
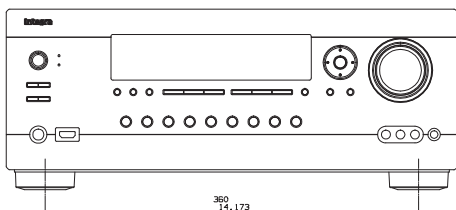
Tuning Range: 87.5-108 MHz

#### AM

Tuning Range: 522-1,611 kHz  
 530-1,170 kHz

#### GENERAL

Power supply: AC 230 V, 50 Hz  
 Power consumption: 550 W  
 Dimensions (W × H × D): 435 × 175 × 326.5 mm  
 Weight: 10.9 kg



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