

DTR-30.1

2-ZONE, 7.2 CHANNEL SURROUND RECEIVER



FEATURES

AMPLIFICATION:

- 7 x 110 Watts/Channel at 6Ω
- 7 x 90 Watts/Channel at 8Ω
- Discrete Output Stages for All Channels
- Wide Range Amplifier Technology — WRAT (5 Hz - 100 kHz)
- Optimum Gain Volume Circuitry
- High Current Power Supply (H.C.P.S.)

PROCESSING:

- HDMI™ (v1.3a to Support 1080p, Deep Color™, x.v. Color™, LipSync, DVD-Audio, Super Audio CD, Multichannel PCM)
- Dolby® TrueHD, & Dolby® Digital Plus Decoding
- Dolby® ProLogic IIz for Front Height Channels
- DTS-HD® Master Audio, DTS-HD® High-Res Audio Decoding
- HDMI Video Upscaling (to 1080i) with Faroudja DCDi Edge™*
- 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 & Dynamic Range
- 4 DSP Modes for Gaming (Rock, Sports, Action, Role Playing)
- A-Form Listening Mode Memory & IntelliVolume Input Level Calibration System
- Music Optimizer to Enhance Compressed Music Files
- Auto Input Detect Function
- Independent Crossover Adjustment for F/FH/C/S/SB
- A/V Synchronization Function (up to 100 ms in 5 ms Steps)

CONNECTIONS:

- HDMI (6 Inputs (1 on Front Panel) & 1 Output)
- HD Component Video Switching (2 Inputs & 1 Output)
- Universal Port for Single-Cable Connection of Optional U-Port Dock for iPod and/or HD Radio Tuner
- Color-Coded 7.2-Multichannel Pre Outs
- Assignable Digital Inputs (2 Optical / 2 Coaxial)
- Front Panel A/V Inputs

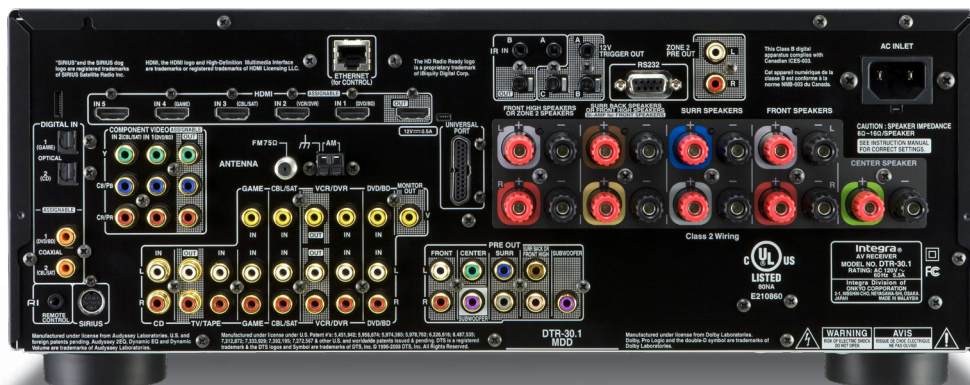
CUSTOM INTEGRATION FEATURES:

- Bi-directional Ethernet & RS232 Port for Control Systems
- Powered Zone 2 and Zone 2 Pre Out; Independent Control for Balance & Bass/Treble
- Max & Power On Volume Settings for Main Zone & Zone 2
- IntelliZone for Second Room Playback & Control
- Dealer Settings Memory Store & Recall with Lock/Unlock
- Permanently Stored Memory Settings
- 2 IR Inputs & 1 Output
- 3 Unique Assignable IR Code Sets
- 3 Programmable 12V Triggers (with Adjustable Delay)
- RIHD - Remote Interactive over HDMI (supports HDMI CEC)
- PreProgrammed RI Remote Control with OSD Set-up
- Optional Rack Mount Kit Available
IRK-155-3B

* From component video and composite video inputs via HDMI output

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HDMI



SPECIFICATIONS

AMPLIFIER

Continuous average power output (FTC)

All channels: 90 W per channel min. RMS at 8Ω, 2 channels driven from 20 Hz to 20 kHz with no more than 0.08% total harmonic distortion.
110 W min. RMS at 6Ω, 2 channels driven from 1 kHz with no more than 0.1% total harmonic distortion.

Dynamic power output (stereo): 2 × 210 W at 3Ω

2 × 180 W at 4Ω

2 × 110 W at 8Ω

Frequency response: 5 Hz to 100 kHz: +1/-3 dB

Signal-to-noise ratio: 106 dB (LINE, IHF-A)

Total harmonic distortion: 0.08% at rated power

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

Speaker impedance: 6Ω to 16Ω

INPUT SENSITIVITY AND IMPEDANCE

Line: 200 mV, 47 kΩ

OUTPUT LEVEL AND IMPEDANCE

Rec out: 200 mV, 470Ω

Pre out: 1 V, 470Ω

Zone 2 line output: 100 mV, 470Ω

TONE CONTROL

Bass: ±10 dB at 50 Hz

Treble: ±10 dB at 20 kHz

FM

Tuning range: 87.5-107.9 MHz (100-kHz steps)

AM

Tuning range: 530-1,710 kHz (10-kHz steps)

GENERAL

Power supply: AC 120 V, 60 Hz

Power consumption: 5.5 A

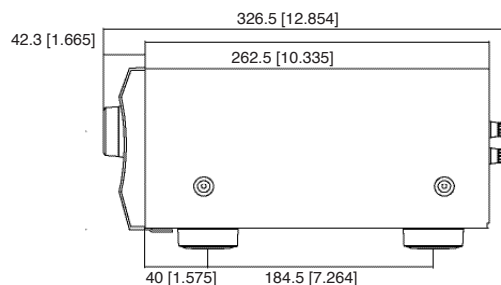
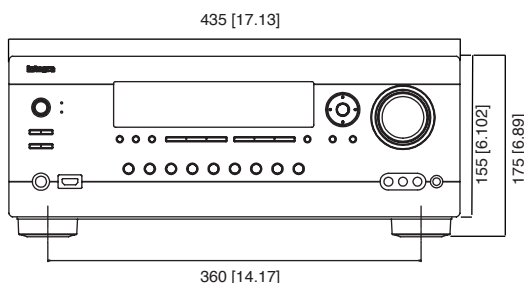
Dimensions (W x H x D): 17-1/8" x 6 7/8" x 12 7/8"

435 x 175 x 327.6 mm

Weight: 24.0 lbs. (10.9 kg)

Optional mounting kit: IRK-155-3B

U dimension: 4U



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