

Integra®

DTR-8.9

THX ULTRA2 PLUS, 3-ZONE
7.1 CHANNEL SURROUND RECEIVER



FEATURES

AMPLIFICATION:

- 7 x 170 Watts/Channel at 6Ω
- 7 x 140 Watts/Channel at 8Ω
- Certified 4Ω Performance
- Dual Push-Pull Amplifier Design with 3-stage Inverted Darlington Circuitry
- Massive High Current Power Supply plus Separate Power Transformer for A/V Processing
- High Instantaneous Current Capability (65A)
- Wide Range Amplifier Technology — WRAT (5 Hz - 100 kHz)
- Fine Linear Optimum Gain Volume Circuitry
- Independent Block Construction (Amp/Preamp)
- Bi-amp & Bridging Capability for Front L/R Channels

PROCESSING:

- THX™ Ultra2 Plus Certified w/THX™ Neural Surround
- HQV Reon-VX Processing for Premium Quality HDMI Upscaling/Transcoding of All Sources (up to 1080p)
- HQV Reon-VX Component Video Upscaling (up to 1080i)
- ISF Certified Calibration Controls per Input (Custom/Day/Night)
- Game Mode & Zoom Mode (Normal, Full, Zoom, Wide Zoom)
- Output Resolution Adjustable by Input and/or Globally
- HDMI (v.1.3a) Audio & Video Processing
- Audyssey MultEQ XT™ Advanced Room Correction
- Audyssey MultEQ Pro™ Compatible
- Audyssey Dynamic EQ™ for Loudness Correction
- Audyssey Dynamic Volume™ for Automatic Volume Leveling
- DTS-HD Master Audio, DTS-HD High-Resolution Audio, Dolby TrueHD, Dolby Digital Plus Decoding
- Burr Brown 192 kHz/24-bit DACs for All Channels
- A/V Synchronization Function (Up to 250ms in 5ms Steps)
- Music Optimizer to Enhance Compressed Music Files

CONNECTIONS:

- 1080p Deep Color™ (36 bit) Capable HDMI (4in/2out) w/Upconversion/Transcoding
- HD Component Video w/Upconversion (3in/2out, 100 MHz)
- 7.1 Multichannel Input & Pre-output
- XM Ready through XM Mini Tuner & Home Dock
- SIRIUS Ready through SiriusConnect Home Tuner Kit
- HD Radio Tuner Built In
- RDS (Radio Data System) Ready
- Assignable Digital Inputs (4 HDMI / 3 Optical / 3 Coaxial)
- HDMI/Component Video Assignable to Tape/CD/Phono
- Front Panel A/V Inputs (Including Optical)

CUSTOM INTEGRATION FEATURES:

- Bi-directional RS-232 & Ethernet Port for 3rd Party Control Systems
- Fixed/Variable/Powered Zone 2 w/HD Component Video & Subwoofer Output
- Fixed/Variable Zone 3 w/Subwoofer Output
- Zone 2 Bass/Treble/Balance Controls
- Main Zone/2/3 Maximum & Power On Volume Settings
- Exclusive IntelliZone for Second Room Playback and Control
- Dealer Settings Memory Store & Recall with Lock/Unlock
- Permanently Stored Memory Settings
- Dual IR Inputs with Common Output
- 3 Programmable 12V triggers (with Adjustable Delay)
- RIHD (Remote Interactive over HDMI)
- Optional Rack Mount Kit Available - IRK-175-4A

Designed to Integrate. Built to Stimulate.



AMPLIFIER

Continuous average power output (FTC)

All channels: 140 W per channel min. RMS at 8Ω,
2 channels driven from 20 Hz to 20 kHz
with no more than 0.05% total
harmonic distortion.

170 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 × 320 W at 3Ω
2 × 270 W at 4Ω
2 × 160 W at 8Ω

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

Signal-to-noise ratio: 110 dB (LINE, IHF-A)

Total harmonic distortion: 0.05% at rated power

IM distortion: 0.05% at rated power

Damping factor: 60 at 8Ω

Speaker impedance: 4Ω to 16Ω

INPUT SENSITIVITY AND IMPEDANCE

Line: 200 mV, 47 kΩ

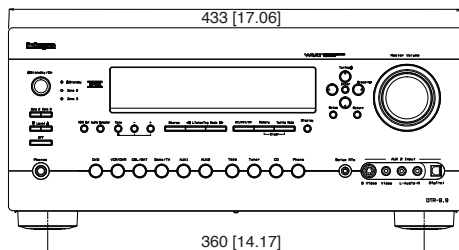
Phono: 2.5 mV/47 kΩ

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)

Usable sensitivity, stereo: 22.2 dBf, 2.0 μV (75Ω IHF)

AM

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

Usable sensitivity: 300 μV/m

DIGITAL TUNER

HD Radio, XM and SIRIUS Ready

GENERAL

Power supply: AC 120 V, 60 Hz

Power consumption: 9.5 A

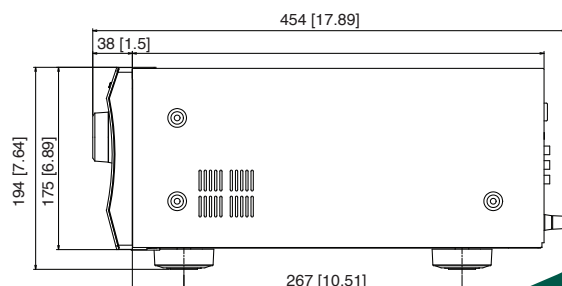
Dimensions (W x H x D): 17-1/8" x 7-5/8" x 17-7/8"

433 x 194 x 454 mm

Weight: 50.9 lbs. (23.1 kg)

Optional mounting kit: IRK-175-4A

U dimension: 4U



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