

Integra®

DTR-50.3

7.2-CHANNEL NETWORK A/V RECEIVER



The DTR-50.3 levels in its role as master of ceremonies in your home theater. With its cutting-edge processing and networking power, abundant connections, and refined build quality, it guarantees a flawless performance every time.

ADVANCED FEATURES

- THX® Select2 Plus™ Certified
- HDMI® Support for 3D, Audio Return Channel, DeepColor™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC
- High-Quality HQV® Vida™ VHD1900 Video Processor
- ISF (Imaging Science Foundation) Video Calibration for Optimal Video Performance
- HDMI Video Upscaling to 4K with Qdeo™ Technology by Marvell
- Component Video Upscaling to 1080i with HQV
- Direct Digital Connection of iPod/iPhone® via Front-Panel USB Port*1
- TI Burr-Brown 192 kHz/24-Bit DACs (PCM1690) for All Channels
- Three-Stage Inverted Darlington Circuitry
- PLL (Phase Locked Loop) Jitter-Cleaning Circuit Technology for All Audio Signals
- Audyssey DSX™ (Front Wide and Front Height) and Dolby® Pro Logic® IIz for Expanded Surround Channels
- Overlaid Graphical On-Screen Display (OSD) and GUI Navigation via HDMI
- Playback of Audio Files Through Local Network (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, LPCM)
- Internet Radio and Music Streaming Service Connectivity (vTuner, Last.fm, SIRIUS XM Internet Radio®, Mediafly, Pandora®, Slacker™, Napster, Rhapsody®)*2
- Certified with Windows® 7 and DLNA Version 1.5
- 8 HDMI® Inputs (1 Front/7 Rear) and 2 Outputs
- Analog RGB Video Input (D-sub, 15 pin) for PC
- Compatible with UWF-1 Wireless LAN Adapter (via Front-Panel USB Port)
- 4 DSP Modes for Gaming: Rock, Sports, Action, and RPG
- Universal Port for Onkyo Peripheral Devices Such as UP-A1 Dock for iPod/iPhone, UP-HT1 HD Radio™ Tuner
- Color-Coded, 7.1 Multichannel Inputs
- Bi-Amping Capability
- Dolby® Volume for Reference-Quality Listening Experience at Any Volume
- Direct Mode
- A-Form Listening Mode Memory
- Color-Coded, Banana Plug-Compatible Speaker Posts
- Audyssey MultEQ® XT for Room Acoustic Correction
- Audyssey Dynamic EQ® for Loudness Correction
- Audyssey Dynamic Volume® to Maintain Optimal Listening Level and Dynamic Range
- Independent Crossover Adjustment for Each Channel (40/45/50/55/60/70/80/90/100/110/120/130/150/200 Hz)
- A/V Sync Control (Up to 800 ms in 1 ms Steps)
- Color-Coded, 7.2 Multichannel Pre Outs
- 2 USB Ports (Front/Rear)
- HDTV-Capable Component Video Switching (3 Inputs and 1 Output)
- 5 Composite Video Inputs and 2 Outputs
- 4 S-Video Inputs and 2 Outputs
- 6 Digital Audio Inputs (3 Optical and 3 Coaxial)
- 6 Analog Audio Inputs and 1 Output
- Phono Input
- 40 FM/AM Random Presets
- Firmware Updates via Ethernet and USB
- Bi-Directional, Preprogrammed, and Customizable RI Remote Control with On-Screen Setup, Mode-Key LEDs, and Macro Presets for Four Activities

*1 Compatible iPod/iPhone models: iPod touch 3rd generation or later; iPhone 3GS or later. (All models require iOS 4.2 or later.)

*2 Availability of services depends on region.

OTHER FEATURES

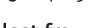
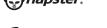
- 135 Watts per Channel at 8 Ohms, 20 Hz–20 kHz, 0.08%, 2 Channels Driven, FTC
- WRAT (Wide Range Amplifier Technology)
- H.C.P.S. (High Current Power Supply) Massive High-Power Transformer
- Linear Optimum Gain Volume Circuitry
- Dolby® TrueHD and DTS-HD Master Audio™ Decoding
- Advanced 32-Bit Processing DSP Chip
- Advanced Music Optimizer for Compressed Digital Music Files
- Handles Playback of Mass Storage Class USB Memory

CUSTOM INTEGRATION FEATURES

- Bi-Directional Ethernet and RS232 Port for Control
- Powered Zone 2, Zone 2 Video Outs (Composite, Component) and Zone 2/3 Pre-Out for Distributed Audio Playback in Multiple Room
- Independent Zone 2 Bass / Treble / Balance Controls
- Max & Power On Volume Settings for Main Zone & Zone 2
- Dealer Settings Memory Store & Recall with Lock / Unlock
- Permanently Stored Settings
- 2 IR Inputs and 1 Output
- 3 Programmable 12V Triggers (with Adjustable Delay)
- Optional Rack Mount Kit Available (IRK-180-4A)
- RIHD (Remote Interactive over HDMI) for System Control *

*Compatibility depends on respective model.

Inspired By Passion-Driven By Excellence



SPECIFICATIONS

AMPLIFIER SECTION

Power Output All Channels:	135 W/Ch at 8 ohms, 20 Hz–20 kHz, 0.08%, 2 channels driven, FTC; 145 W/Ch at 8 ohms, 1 kHz, 0.7%, 2 channels driven, FTC; 160 W/Ch at 6 ohms, 1 kHz, 0.1%, 2 channels driven, FTC
Dynamic Power:	300 W (3 ohms, Front) 250 W (4 ohms, Front) 150 W (8 ohms, Front)
THD+N (Total Harmonic Distortion + Noise):	0.08% (20 Hz–20 kHz, Half power)
Damping Factor:	60 (Front, 1 kHz, 8 ohms)
Input Sensitivity and Impedance:	200 mV/47 k-ohms (Line) 2.5 mV/47 k-ohms (Phono MM)
Rated RCA Output Level and Impedance:	200 mV/470 ohms (Pre out)
Maximum RCA Output Level and Impedance:	4.6 V/470 ohms (Pre out)
Phono Overload:	70 mV (MM, 1 kHz, 0.5%)
Frequency Response:	5 Hz–100 kHz/+1 dB, -3 dB (Direct mode)
Tone Control:	±10 dB, 50 Hz (Bass) ±10 dB, 20 kHz (Treble)
Signal-to-Noise Ratio:	110 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)
Speaker Impedance:	4 ohms–16 ohms or 6 ohms–16 ohms

VIDEO SECTION

Input Sensitivity/Output Level and Impedance:	1.0 Vp-p/75 ohms (Component and S-Video Y) 0.7 Vp-p/75 ohms (Component Pb/Cb, Pr/Cr) 0.25 Vp-p/75 ohms (S-Video C) 1.0 Vp-p/75 ohms (Composite)
Component Video Frequency Response:	5 Hz–100 MHz/0 dB, -3 dB

TUNER SECTION

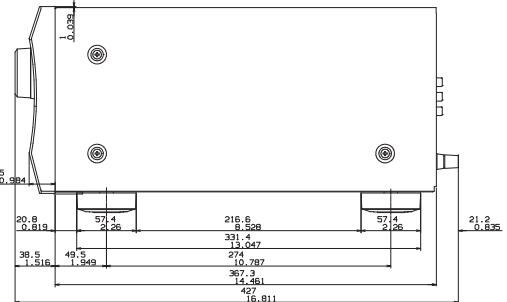
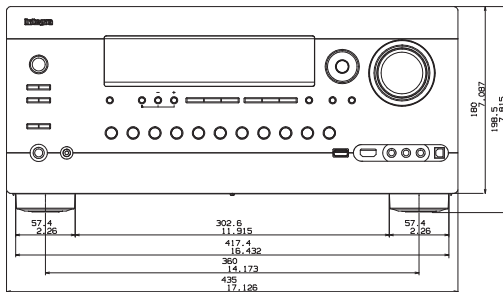
Tuning Frequency Range:	FM 87.5 MHz–107.9 MHz AM 530 kHz–1,710 kHz
FM/AM Preset Memory:	40 stations

GENERAL

Power Supply:	AC 120 V~, 60 Hz
Power Consumption:	7.5 A
Dimensions (W x H x D):	17 1/8" x 7 13/16" x 14 13/16" (435 x 198.5 x 427.5 mm)
Weight:	39.5 lbs. (17.9 kg)

CARTON

Dimensions (W x H x D):	23 1/8" x 13 1/4" x 21 3/4" (587 x 337 x 553 mm)
Weight:	48.5 lbs. (22.0 kg)



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