

# Integra®

# DTR-80.3

9.2-CHANNEL NETWORK A/V RECEIVER



For discerning buyers unwilling to compromise on power, processing, and connectivity, Integra offers its magnificent DTR-80.3. Reference-level specification and audiophile build quality put this potent receiver in a class of its own.

## ADVANCED FEATURES

- THX® Ultra2 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
- 8 HDMI® Inputs (1 Front/7 Rear) and 2 Outputs
- Direct Digital Connection of iPhone® / iPod® via Front-Panel USB Port
- Playback of Audio Files Through Local Network (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, LPCM)
- Internet Radio and Music Streaming Connectivity (vTuner, Last.fm, Napster, Spotify, AUPEO!)\*
- Certified with Windows® 7 and DLNA Version 1.5
- VLSC™ (Vector Linear Shaping Circuitry) for All Channels
- H.C.P.S. (High Current Power Supply) Massive Toroidal Transformer and Two Separate Transformers for Audio and Video Processing
- Large-Size Transistors for High-Current Drive
- TI Burr-Brown 192 kHz/32-Bit DACs (PCM1795 x 6) for All Channels
- Three-Stage Inverted Darlington Circuitry
- PLL (Phase Locked Loop) Jitter-Cleaning Circuit Technology
- DSD Direct for Super Audio CD
- DTS Neo:X™, Audyssey DSX™, and Dolby® Logic® IIz for Expanded Surround Channels
- Audyssey MultEQ® XT32 to Correct for Room Acoustics
- Audyssey MultEQ Pro Ready with Target EQ Curve Editing
- Overlaid Graphical On-Screen Display (OSD) and GUI Navigation via HDMI
- 4 DSP Modes for Gaming: Rock, Sports, Action, and RPG
- Analog RGB Input (D-sub, 15 pin) for PC Video
- Compatible with UWF-1 Wireless LAN Adapter (via Front-Panel USB Port)
- Gold-Plated, Machined Solid Brass, 19mm-pitch Audio Inputs (TV/CD and Phono)
- Universal Port for Onkyo Peripheral Devices Such as UP-A1 Dock for iPod/iPhone, UP-DT1 DAB+ Tuner
- Color-Coded, 7.1 Multichannel Inputs
- Bi-Amping Capability
- Dolby® Volume for Reference-Quality Listening at Any Volume

\* Availability of services depends on region.

## OTHER FEATURES

- 220 W/Ch at 6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC
- WRAT (Wide Range Amplifier Technology)
- Linear Optimum Gain Volume Circuitry
- Dolby® TrueHD and DTS-HD Master Audio™ Decoding

- Advanced 32-Bit Processing DSP Chips (DA830 x1, CS94834 x1)
- Advanced Music Optimizer for Compressed Digital Music Files
- Handles Playback of Mass Storage Class USB Memory
- Direct Mode
- A-Form Listening Mode Memory
- Customized, Gold-Plated, Banana Plug-Compatible Speaker Posts
- 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, 9.2 Multichannel Pre-Outs (Including 2 Independent Subwoofer Pre-Outs)
- 2 USB Ports (Front and Rear Panel)
- HDTV-Capable Component Video Switching (3 Inputs and 1 Output)
- 5 Composite Video Inputs and 2 Outputs
- 4 S-Video Inputs and 2 Outputs
- 7 Digital Audio Inputs (4 Optical and 3 Coaxial)
- 7 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

## CUSTOM INTEGRATION FEATURES

- Bi-Directional Ethernet and RS232 Port for Control
- Powered Zone 2/3/4 and Zone 2/3 Pre-Outs, and Zone 2 Video Out for Distributed A/V Playback in Multiple Rooms
- Zone 2 and Zone 3 Subwoofer Outputs
- Zone 2 Monitor Output (Component and Composite Video)
- Independent Zone 2 and Zone 3 Tone Control (Bass/Treble) for All Channels
- Max & Power On Volume Settings for Main Zone & Zone 2 / Zone 3
- 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	220 W/Ch at 6 $\Omega$ , 1 kHz, 1%, 1 channel driven, IEC
All Channels:	
Dynamic Power:	400 W (3 $\Omega$ , Front) 300 W (4 $\Omega$ , Front) 180 W (8 $\Omega$ , Front)
THD+N	
(Total Harmonic Distortion + Noise):	0.05% (20 Hz–20 kHz, Half power)
Damping Factor:	60 (Front, 1 kHz, 8 $\Omega$ )
Input Sensitivity and Impedance:	200 mV/47 k $\Omega$ (Line) 2.5 mV/47 k $\Omega$ (Phono MM)
Rated RCA Output Level and Impedance:	1.0 V/470 $\Omega$ (Pre out)
Maximum RCA Output Level and Impedance:	5.5 V/470 $\Omega$ (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:	$\pm$ 10 dB, 50 Hz (Bass) $\pm$ 10 dB, 20 kHz (Treble)
Signal-to-Noise Ratio:	110 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)
Speaker Impedance:	4 $\Omega$ –16 $\Omega$ or 6 $\Omega$ –16 $\Omega$

#### VIDEO SECTION

Input Sensitivity/Output Level and Impedance:	1.0 Vp-p/75 $\Omega$ (Component and S-Video Y) 0.7 Vp-p/75 $\Omega$ (Component Pb/Cb, Pr/Cr) 0.28 Vp-p/75 $\Omega$ (S-Video C) 1.0 Vp-p/75 $\Omega$ (Composite)
Component Video	
Frequency Response:	5 Hz–100 MHz/0 dB, -3 dB

#### TUNER SECTION

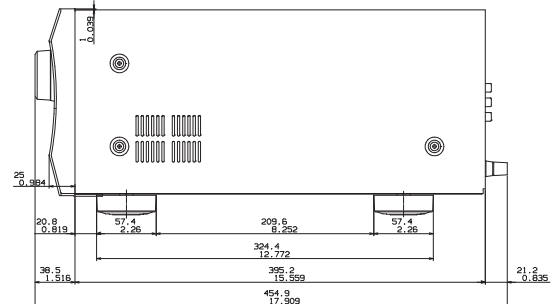
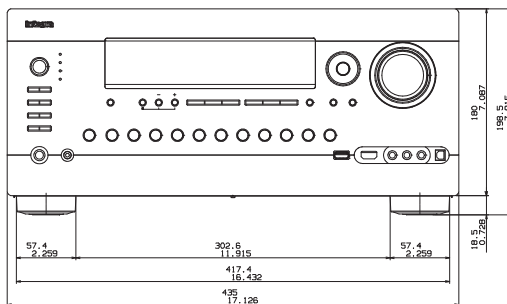
Tuning Frequency Range:	FM 87.5 MHz–107.9 MHz AM 530 kHz–1,710 kHz
FM/AM Preset Memory:	40 stations

#### GENERAL

Power Supply:	AC 220-240 V~, 50/60 Hz
Power Consumption:	1,160W
Dimensions (W x H x D):	435 x 198.5 x 455 mm
Weight:	24.0 kg

#### CARTON

Dimensions (W x H x D):	610 x 337 x 594 mm
Weight:	28.5 kg



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