

# Integra®

# DTR-40.1

7.2-CHANNEL HOME NETWORK RECEIVER



## ADVANCED FEATURES

- THX® Select 2 Plus™ Certified with THX Loudness Plus™
- DTS-HD Master Audio™, DTS-HD High Resolution Audio™, DTS-HD Express, Dolby® TrueHD, Dolby® Digital Plus, Dolby® Pro Logic® IIz Decoding
- HDMI™ Version 1.3a to Support Deep Color™, x.v.Color™, LipSync, Dolby TrueHD, DTS-HD Master Audio, DVD-Audio, Super Audio CD, and CEC
- Audio and 1080p Video Processing via HDMI (1 Front/5 Rear Inputs and 1 Output)
- HDMI Video Upscaling to 1080p with Faroudja DCi CINEMA™
- Push-Pull Amplification Design with Three-Stage Inverted Darlington Circuitry
- Burr-Brown 192 kHz / 24-Bit DAC Improves Jitter Performance to Provide Clear Sound
- Two TI 32-Bit DSP Chips for Advanced Processing
- Audyssey DSX™ (Dynamic Surround Expansion) and Dolby® Pro Logic® IIz for New Surround Channels
- Audyssey MultEQ® to Correct Room Acoustic Problems
- Audyssey Dynamic Volume™ to Maintain Optimal Listening Level and Dynamic Range
- Audyssey Dynamic EQ™ for Loudness Correction
- Network Capability for Streaming Audio Files (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, LPCM)
- Internet Radio Connectivity Through vTuner
- Certified with DLNA Version 1.5
- Firmware Updates via Network
- Powered Zone 2 and Zone 2 Pre Out for Playback in Another Room (Separate Source)
- 4 DSP Modes for Gaming: Rock, Sports, Action, and Role Playing Game (RPG)
- Universal Port for Single-Cable Connection of Optional Onkyo Dock for the iPod or DAB+ Tuner
- Dual Subwoofer Pre Outs
- Preprogrammed and Customized RI Remote Control with Onscreen Setup, Mode-key LEDs, and Macro Presets for Four Activities

## OTHER FEATURES

- 100 W / ch at 8 Ω, 20 Hz–20 kHz, 0.08%, 2 channels driven, FTC
- 175 W at 6 Ω, 1 kHz, 1 Channels Driven, JEITA
- DTS-ES™ Discrete/Matrix, DTS Neo:6®, DTS 96/24™, Dolby® Digital EX™ Decoding
- WRAT (Wide Range Amplifier Technology)
- 6 Digital Inputs (3 Optical and 3 Coaxial)
- Front-Panel Auxiliary HDMI and A/V Input (for Camcorders, Game Consoles, etc.)
- Component Video Switching (3 Inputs and 1 Output)
- Linear Optimum Gain Volume Circuitry
- Bi-Amping Capability
- Music Optimizer for Compressed Digital Music Files

- Theater-Dimensional Virtual Surround Function
- A-Form Listening Mode Memory
- Double Bass Function
- Direct Mode
- Independent Crossover Adjustment for F/C/S/SB/FH/FW (40/45/50/55/60/70/80/90/100/110/120/130/150/200 Hz)
- A/V Sync Control Function (Up to 250 ms in 2 ms Steps)
- Banana Plug-Compatible Speaker Posts
- Color-Coded Speaker Terminals
- 40 FM/AM Random Presets
- Compatible with RI (Remote Interactive) Dock for the iPod
- Non-Scaling Configuration
- Tone Control (Bass/Treble) for Front L/R Channels
- 4 S-Video Inputs and 1 Output
- 5 A/V Inputs and 1 Output
- Monitor Output (Component Video, Composite Video, and S-Video)
- 2 Audio Inputs and 1 Output
- Phono Input
- Onscreen Display (OSD) for HDMI Output
- Display Dimmer (Normal/Dim/Dimmer)
- Headphone Jack
- Aluminum Front Panel
- Sand-Finished Aluminum Volume Knob

## CUSTOM INTEGRATION FEATURES

- Max & Power On Volume Settings for Main Zone & Zone2
- Dealer Settings Memory Store & Recall with Lock/Unlock
- Permanently Stored Settings
- Bi-Directional RS232 for Control
- 2 IR Inputs and 1 Output
- 3 Programmable 12V Triggers (with Adjustable Delay)
- RIHD for Integrated System Control\* (Compatible with Panasonic Viera Link™ and Toshiba REGZA Link™, as well as Selected Sharp Displays)

\* Compatibility depends on respective model

Designed to Integrate. Built to Stimulate.



### SPECIFICATIONS

#### AMPLIFIER SECTION

Power Output	
All Channels:	175 W / ch at 6 Ω, 1 kHz, 1 Ch Driven, JEITA
	100W / ch at 8 Ω, 20 Hz–20 kHz, 0.08%, 2 channels driven, FTC
Dynamic Power:	240 W (3 Ω, Front)
	210 W (4 Ω, Front)
	120 W (8 Ω, Front)
THD (Total Harmonic Distortion) :	0.08% (Rated power)
Damping Factor:	60 (Front, 1 kHz, 8 Ω)
Input Sensitivity and Impedance:	200 mV/47 kΩ (Line)
Output Level and Impedance :	200 mV/470 Ω (Rec out)
Frequency Response:	5 Hz–100 kHz/+1 dB, -3 dB
Tone Control :	±10 dB, 50 Hz (Bass) ±10 dB, 20 kHz (Treble)
Signal-to-Noise Ratio:	106 dB (Line, IHF-A)
Speaker Impedance:	4 Ω–16 Ω or 6 Ω–16 Ω

#### VIDEO SECTION

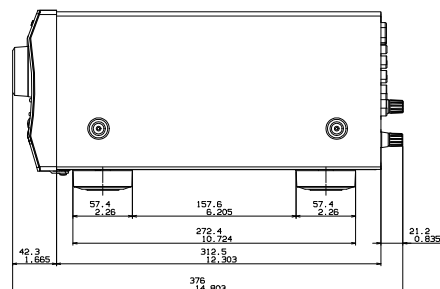
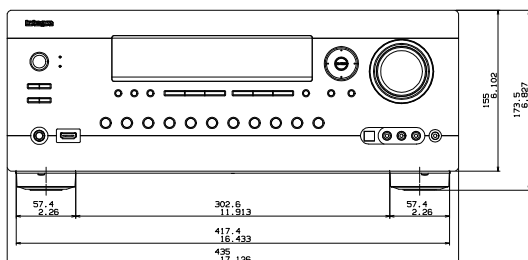
Input Sensitivity/Output Level and Impedance:	1.0 V <sub>p</sub> -p/75 Ω (Component and S-Video Y)
	0.7 V <sub>p</sub> -p/75 Ω (Component Pb/Cb, Pr/Cr)
	0.28 V <sub>p</sub> -p/75 Ω (S-Video C)
	1.0 V <sub>p</sub> -p/75 Ω (Composite)
Component Video Frequency Response:	5 Hz–100 MHz, -3 dB

#### TUNER SECTION

Tuning Frequency Range:	FM 87.5 MHz–108.0 MHz
	AM 522 kHz–1,611 kHz
FM/AM Preset Memory:	40 stations

#### GENERAL

Power Supply:	AC 220-240V, 50/60 Hz
Power Consumption:	600W
Dimensions (W x H x D):	435 x 173.5 x 376 mm
Weight:	12.3 kg



Due to a policy of continuous product improvement, Onkyo reserves the right to change specifications and appearance without notice. THX Select2 Plus is a trademark of THX Ltd. THX may be registered in some jurisdictions. Manufactured under license from Dolby Laboratories. Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories. DTS is a registered trademark and the DTS logos and Symbol are trademarks of DTS, Inc. iPod is a registered trademark of Apple Inc., registered in the U.S. and other countries. Manufactured under license from Audyssey Laboratories. U.S. and foreign patents pending. MultEQ is a registered trademark and DSX, Dynamic EQ, and Dynamic Volume are trademarks of Audyssey Laboratories. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. x.v.Color is a trademark of Sony Corporation. Faroudja DCDi Cinema is a registered trademark of Genesis Microchip Inc. WRAT, Music Optimizer, and Theater-Dimensional are trademarks of Onkyo Corporation. All other trademarks and registered trademarks are the property of their respective holders.