

Dolby Atmos Upgradable



Fitting seamlessly into your home automation system with HD-BaseT™ compatibility, the Integra DTR-40.6 brings Dolby ATMOS® multidimensional sound following a quick firmware update and THX® theater-reference power to the very latest in 4K / 60 Hz entertainment.

### ADVANCED FEATURES

- Supports New Dolby ATMOS® Format for Exciting Multidimensional Sound
- THX® Select2™ Plus Certified for Theater Reference Sound
- 4K / 60 Hz-Capable HDMI® 2.0 Terminals for Ultra HD Entertainment\*\*
- Supports HDCP 2.2 for Future 4K / Full HD Video Streaming and Broadcast\*\*
- HDMI® Video Upscaling to 4K with Qdeo™ Processing Technology by Marvell
- HDMI Support for 4K / 60 Hz, 3D, Audio Return Channel, DeepColor™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC
- HD-BaseT™ Port for Multimedia Distribution Assignable to Main Zone or Zone 2
- Proprietary AccuEQ Room Calibration with Mic Included
- ISF (Imaging Science Foundation) Video Calibration for Optimal Video Performance
- Picture-in-Picture Input Video Preview with InstaPrevue™ Technology
- Frontside MHL™ for 1080p Video and Stills from Smartphone and Tablet
- PM (Phase-Matching) Bass Boost for Deep Bass and Clear Mid-Range
- Dual 32-Bit Digital Signal Processing Engines
- TI Burr-Brown 192 kHz / 24-Bit DAC (8 Channels x 1)
- Hand Selected, Audio Tuned Parts to Ensure Low-Impedance, High-Current Performance
- Three-Stage Inverted Darlington Circuitry for All Channels
- Fully Discrete Output Stage Circuitry
- PLL (Phase Locked Loop) Jitter-Cleaning Circuit Technology for S/PDIF Audio
- Overlaid On-Screen Display (OSD) via HDMI with Quick Set-Up and Home Menu
- Internet Radio and Music Streaming Subscription Services Included (TuneIn Radio, Pandora, Spotify, AUPEOI, and Deezer)\*\*
- Playback Compressed, Lossless, and HD Audio via Local Network (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, Apple Lossless, DSD 5.6 MHz, LPCM\*, and Dolby® TrueHD)
- Control and Stream with Free Integra Remote Apps for iPod touch® / iPhone®\*\*5 and Android Devices\*\*6
- Bi-Amping Capability for Front Channels
- Certified with DLNA Version 1.5
- 7 HDMI Inputs (1 Front / 6 Rear) and 2 Outputs (Zone 2 Assignable)
- 4 DSP Modes for Gaming: Rock, Sports, Action, and RPG
- Hybrid Standby Function with HDMI Passthrough
- Compatible with RI Dock for iPod / iPhone and AirPlay (DMI-40.4)

\*1 4K/60 Hz video is supported on HDMI inputs 1/2/3/4, the frontside input, Main Out, and Sub Out. \*2 HDCP 2.2 is supported on HDMI Input 3 and Main Out only. \*3 Availability of services depends on region. Some services may require a paid subscription and firmware update. Availability of third-party services advertised here is accurate at the time of publication, but may be subject to change without notice. \*4 LPCM is supported via DLNA only. \*5 Compatible with iPod touch (3rd generation or later) and iPhone 3GS or later. All models require iOS 4.2 or later. \*6 Requires Android OS 2.1 or later.

### OTHER FEATURES

- 110 W/Ch at 8 Ω, 20 Hz–20 kHz, 0.08% THD, 2 Channels Driven, FTC
- 170 W/Ch at 6 Ω, 1 kHz, 1% THD, 1 Channel Driven, JEITA
- WRAT (Wide Range Amplifier Technology)
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- Optimum Gain Volume Circuitry
- Advanced Music Optimizer to Improve Compressed Digital Audio Quality
- Front USB Port with Mass Storage Class memory Playback Capability
- 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 5 ms Steps at 48 kHz)
- HDTV-Capable (720p / 1080i) Component Video Switching (1 Input and 1 Output)
- 4 Composite Video Inputs and 1 Output
- 3 Digital Audio Inputs (1 Optical and 2 Coaxial)
- 7 Analog Audio Inputs
- Phono Input for Turntable Connection
- Color-Coded 7.2 Multichannel Pre Outs (Including 2 Subwoofer Pre Outs)
- Tone Control (Bass / Treble) for Front L / R Channels
- 3-Mode Display Dimmer (Normal / Dim / Dimmer)
- 40 FM / AM Random Presets
- Firmware Updates via Ethernet and USB
- Preprogrammed, and Customizable RI Remote Control with Macro Presets for Four Activities

### CUSTOM INTEGRATION FEATURES

- Bi-Directional Ethernet and RS232 Port for Control
- Powered Zone 2 and Zone 2 / 3 Line-Outs for Distributed Audio Playback
- Assignable Zone 2 DAC for HDMI Audio Signals
- Independent Zone 2 Tone Control (Bass / Treble) for All Channels
- Whole House Mode for Synchronized Housewide Audio
- Smart Grid-Ready
- Max & Power On Volume Settings for Main Zone & Zone 2
- Dealer Settings Memory Store & Recall with Lock / Unlock
- Dealer Settings Store & Recall via PC Software
- 2 IR Inputs and 1 Output
- 3 Programmable 12V Triggers (with Adjustable Delay)
- Optional Rack Mount Kit Available (IRK-155-3C)
- RIHD (Remote Interactive Over HDMI) for System Control\*

\*Compatibility depends on respective model.



### SPECIFICATIONS

#### AMPLIFIER SECTION

Power Output  
All Channels:

110 W/Ch at 8 Ω, 20 Hz–20 kHz, 0.08% THD, 2 Channels Driven, FTC
170 W/Ch at 6 Ω, 1 kHz, 1% THD, 1 Channel Driven, JEITA

Dynamic Power

250 W (3 Ω, Front)
220 W (4 Ω, Front)
130 W (8 Ω, Front)

THD+N  
(Total Harmonic Distortion + Noise): 0.08% (20 Hz–20 kHz, Half Power)

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

Input Sensitivity and Impedance:

200 mV / 47 k-Ω (Line)
2.5 mV / 47 k-Ω (Phono MM)

Rated RCA Output Level and Impedance: 200 mV / 470 Ω (Pre Out)

Maximum RCA Output Level and Impedance: 4.6 V / 470 Ω (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, 20 Hz (Bass)
±10 dB, 20 kHz (Treble)

Signal-to-Noise Ratio:

106 dB (Line, IHF-A)
80 dB (PHONO MM, IHF-A)

Speaker Impedance: 4 Ω– 16 Ω or 6 Ω– 16 Ω

#### VIDEO SECTION

Input Sensitivity / Output Level and Impedance:

1.0 Vp-p / 75 Ω (Component Y)
0.7 Vp-p / 75 Ω (Component Pb / Cb, Pr / Cr)
1.0 Vp-p / 75 Ω (Composite)

Component Video Frequency Response: 5 Hz–100 MHz / +0 dB, -3 dB

#### TUNER SECTION

Tuning Frequency Range:

FM 87.5 MHz–108.0 MHz
AM 522 / 530 kHz–1,611 / 1,710 kHz

FM/AM Preset Memory: 40 stations

#### GENERAL

Power Supply: AC 220–240 V~, 50 / 60 Hz

Power Consumption: 690 W

No-Sound Power Consumption: 85 W

Stand-by Power Consumption: 0.2 W

Dimensions (W x H x D): 435 x 175 x 376 mm

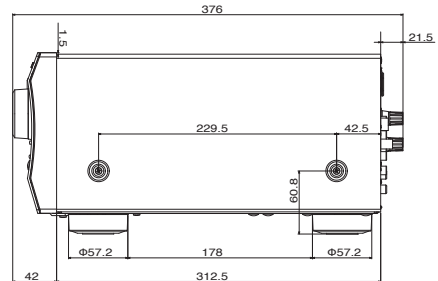
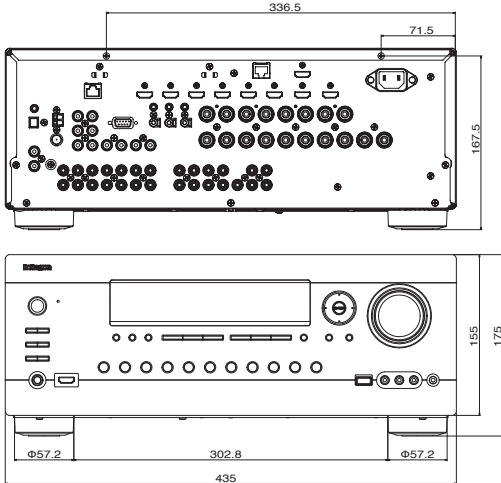
Weight: 12 kg

CARTON

Dimensions (W x H x D): 570 x 298x 469 mm

Weight: 15.0 kg

### NETWORK



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