

# Integra®

# DTR-20.3

5.2-CHANNEL NETWORK AV RECEIVER



The DTR-20.3's THX® Select2 Plus™ certification guarantees a thrilling, room-filling A/V performance. User-focused features include advanced network functionality that brings internet and PC audio into your entertainment space.

## ADVANCED FEATURES

- THX® Select2 Plus™ Certified
- HDMI® Support for 3D, Audio Return Channel, Deep Color™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC
- HDMI® Video Upscaling to 4K with Qdeo™ technology by Marvell
- Direct Digital Connection of iPod/iPhone via Front-Panel USB Port
- 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 S/PDIF Audio
- 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, Napster, Last.fm)\*
- Certified with Windows® 7 and DLNA Version 1.5
- 5 HDMI Inputs and 1 Output
- 2 Parallel Subwoofer Pre Outs
- Analog RGB Video Input (D-sub, 15 pin) for PC
- 4 DSP Modes for Gaming: Rock, Sports, Action, and RPG
- Universal Port for Onkyo Peripheral Devices Such as UP-A1 Dock for iPod/iPhone or UP-DT1 DAB+ Tuner

\* Availability of services depends on region.

## OTHER FEATURES

- 150 W/Ch at 6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC
- WRAT (Wide Range Amplifier Technology)
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- 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
- Mass Storage Class USB Memory Playback Capability
- Theater-Dimensional Virtual Surround Function
- Direct Mode
- Double Bass Function
- Non-Scaling Configuration

- A-Form Listening Mode Memory
- HDTV-Capable (720p/1080i) Component Video Switching (2 Inputs and 1 Output)
- 4 Composite Video Inputs and 2 Outputs
- 4 Digital Audio Inputs (2 Optical and 2 Coaxial)
- 6 Analog Audio Inputs and 1 Output
- Zone 2 Pre/Line-Out for Distributed Audio Playback in Another Room
- Color-Coded, Banana Plug-Compatible Speaker Posts
- Audyssey 2EQ® 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 at 48 kHz)
- Tone Control (Bass/Treble) for Front L/R Channels
- Light Dimming (Normal/Dim/Dimmer)
- 40 FM/AM Random Presets
- Firmware Updates via Ethernet and USB
- RIHD (Remote Interactive over HDMI) for System Control
- Preprogrammed RI (Remote Interactive) Remote Control

## CUSTOM INTEGRATION FEATURES

- 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)
- RIHD (Remote Interactive over HDMI) for System Control \*

\* Compatibility depends on respective model.

Inspired By Passion-Driven By Excellence

# DTR-20.3

5.2-CHANNEL NETWORK AV RECEIVER



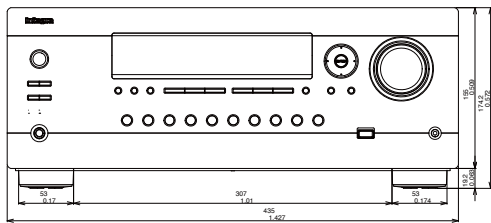
## SPECIFICATIONS

### AMPLIFIER SECTION

|                                   |   |
|-----------------------------------|---|
| Power Output                      |   |
| All Channels:                     | 150 W/Ch at 6 Ω,<br>1 kHz, 1%, 1 Channels Driven, IEC       |
| Dynamic Power                     | 210 W (3 Ω, 1 ch)<br>180 W (4 Ω, 1 ch)<br>110 W (8 Ω, 1 ch) |
| THD (Total Harmonic Distortion) : | 0.08% (Half power)  |
| Damping Factor:                   | 60 (Front, 1 kHz, 8 Ω)                                      |
| Input Sensitivity and Impedance:  | 200 mV/47 k-Ω (Line)  |
| Output Level and Impedance :      | 200 mV/2.2 k-Ω (Rec out)                                    |
| Frequency Response:               | 5 Hz–100 kHz/+1 dB, -3 dB                                   |
| Tone Control :                    | ±10 dB, 50 Hz (Bass)<br>±10 dB, 20 kHz (Treble)             |
| Signal-to-Noise Ratio:            | 106 dB (Line, IHF-A)  |
| Speaker Impedance:                | 4 Ω–6 Ω, 6 Ω–16 Ω   |

### VIDEO SECTION

|   |  |
|---|--|
| Input Sensitivity/Output Level and Impedance: | 1.0 Vp-p/75 Ω (Component)<br>0.7 Vp-p/75 Ω (Component Pb/Cb, Pr/CR)<br>1.0 Vp-p/75 Ω (Composite) |
| Component Video                               |  |
| Frequency Response:                           | 5 Hz–100 MHz, -3 dB  |



### TUNER SECTION

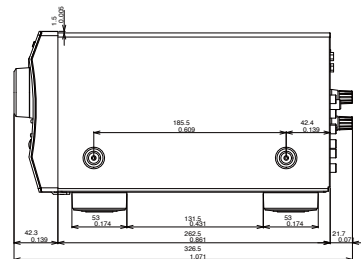
|                         |   |
|-------------------------|---|
| Tuning Frequency Range: | FM 87.5 MHz–108 MHz<br>AM 522/530 kHz–1,611/1,710 kHz |
| FM/AM/SIRIUS            |   |
| Preset Memory:          | 40 stations   |

### GENERAL

|                         |                         |
|-------------------------|-------------------------|
| Power Supply:           | AC 220–240 V~, 50/60 Hz |
| Power Consumption:      | 500W                    |
| Dimensions (W x H x D): | 435 x 174.2 x 326.3 mm  |
| Weight:                 | 11.2 kg                 |

### CARTON

|                         |                    |
|-------------------------|--------------------|
| Dimensions (W x H x D): | 570 x 297 x 423 mm |
| Weight:                 | 14.0 kg            |



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