Integra®

DRX-2.3

7.2-Channel Network A/V Receiver

Home Entertainment in a Class of Its Own

Experience the Integra difference as flexible 3D audio technologies from Dolby® and DTS® join our superior sound design in a bulletproof network receiver that effortlessly orchestrates entertainment all around your home.

Video & Audio Support

- Plays Dolby Atmos® and DTS:X® formats through 5.2.2-ch layouts
- DTS Virtual:X™ and Dolby Atmos Height Virtualization*1 technologies
- Dolby Surround® and DTS® Neural:X upmixing technology
- Supports 4K/60p/HDR (HDR10, HLG, Dolby Vision®, BT.2020), 4:4:4, HDCP 2.2
- Separate Powered Zone 2 speaker outputs enable 5.2.2 + Zone 2 connection and analog/digital (HDMI®/SPDIF/NET/*Bluetooth*®) playback in either or both rooms*2
- Connect a hi-fi via Zone B line-out to share any D/A audio to either or both rooms, or connect a transmitter for wireless headphones
- Built-in phono equalizer (MM) and SACD playback via HDMI (2.8 MHz, 2-ch/multi)
- AccuEQ Room Calibration with subwoofer EQ and AccuReflex™
- HDMI Sub/Zone 2 output shares media to a projector or second display
- Easy DSP-based Vocal Enhancer clarifies in-program dialog

Amplification Technology

- 80 W per channel (8 ohms, 20 Hz–20 kHz, 0.08% THD, 2-ch driven, FTC)
- Low-impedance amp system with 4-ohm speaker-driving capability
- Massive custom transformer and hand-selected audio-tuned parts
- Non-phase-shift amp-circuit topology for clear and cohesive sound
- High-precision 384 kHz/32-bit D/A conversion (AKM AK4458)
- VLSC™ (Vector Linear Shaping Circuitry) filtering technology (Front L/R)
- Front L/R speaker bi-amping capability in 5.2-ch configuration

Network Features and Multi-Zone Audio

- Dual-band 5 GHz/2.4 GHz Wi-Fi®-certified wireless LAN
- Supports Amazon Music, Spotify®, TIDAL, TuneIn, Pandora®, and Deezer*3
- Works with Sonos for the Sonos Home Sound System*4
- AirPlay 2*1 multi-room audio with compatible products
- DTS Play-Fi® audio distribution via Integra Music Control App*5 to supported products
- Proprietary FlareConnect™*6 multi-room audio with Integra Control Pro app*5
- Supports DSD 5.6 MHz/2.8 MHz*7; FLAC, WAV [RIFF], AIFF, and ALAC to 192 kHz/24-bit*8

Audio-Video Connections

- 6 HDMI input, Main output (ARC), Sub/Zone 2 output
- 2 digital audio inputs (1 optical and 1 coaxial, assignable)
- 5 analog audio inputs (1 front)
- Phono input (MM) for turntable connection
- USB input (5 V/1 A) for audio playback
- 1/8″ (3.5 mm) AccuEQ setup mic input (front)
- 1 gold-plated component video input
- 3 gold-plated composite video inputs (1 front)
- Gold-plated quarter-inch headphone jack
- Gold-plated banana-plug-ready speaker posts with transparent knobs
- Separate Zone 2 speaker outputs (switchable)
- Zone B line-level output (analog RCA)
- 2 subwoofer pre-outs
- Bi-directional Ethernet LAN terminal supporting IP Control

Custom Integration Features

- RS-232 input for external control and automation
- 2 IR inputs and 1 output
- Programmable 12 V trigger-outs with adjustable delay (A: 100 mA, B: 25 mA, C: 25 mA)
- Dealer-settings memory storage and recall function
- Thick detachable IEC power cable
- Optional rack-mount kit (IRK-155-3D)

Additional Features

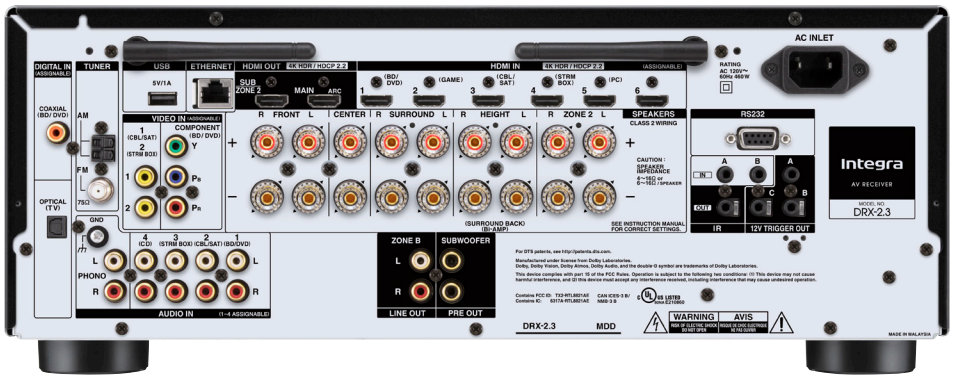
- Aluminum faceplate and volume control
- *Bluetooth*® Version 4.1 + LE (Profile: A2DP v1.2, AVRCP v1.3)
- Advanced Music Optimizer™ improves quality of compressed audio
- High-definition GUI over HDMI featuring source input/output data display
- 1080p to 4K video upscaling via HDMI
- Tone controls (bass/treble) for front L/R channels
- Sleep timer, HDMI passthrough, and network standby
- 40 FM/AM/internet radio presets with station-naming (10 characters)
- A/V Sync Control (Up to 500 ms in 1 ms Steps at 48 kHz)
- Crossover Adjustment (40/45/50/55/60/70/80/90/100/110/120/130/150/180/200 Hz)
- 3-Mode display dimmer (Normal/Dim/Dimmer)

**1 Enabled with a future firmware update. *2 HDMI audio distribution is supported on inputs 1–3. HDMI and SPDIF support PCM audio only. *3 Service availability varies with region, and a paid subscription may be required to access some or all features. *4 Requires a Sonos Connect (sold separately). Sonos Music Control App is available free for iPhone, iPad, and Android™ devices. Please check device and OS requirements before download and installation. *5 Available free for iPhone, iPad, and Android devices. Please check device and OS requirements before download and installation. *6 FlareConnect is a proprietary network protocol that shares audio between compatible products. For details on product compatibility, please visit the Integra website. *7 Converted to PCM. Playback not guaranteed via wireless LAN. *8 Supported sampling rates may vary depending on network environment. ALAC is supported to a maximum 96 kHz.*

Integra®

DRX-2.3

7.2-Channel Network A/V Receiver



Specifications

Amplifier Section

Power Output Front L/R:	170 W/Ch at 6 Ohms, 1 kHz, 10%, 1 Channel Driven, 80 W/Ch at 8 Ohms, 20 Hz–20 kHz, 0.08%, 2 Channels Driven, FTC
Dynamic Power:	160 W (3 Ohms, Front) 125 W (4 Ohms, Front) 85 W (8 Ohms, Front)
Input Sensitivity and Impedance:	200 mV rms/47 k-Ohms (Line/Unbalance) 3.5 mV rms/47 k-Ohms (Phono MM)
THD+N (Total Harmonic Distortion + Noise) :	0.08% (20 Hz–20 kHz, Half Power)
Rated RCA Output Level and Impedance:	1 V rms/470 Ohms (Subwoofer Pre-out) 200 mV rms/2.3 k-Ohms (Zone B Line 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 (IHF-A, LINE) 80 dB (IHF-A, PHONO)
Speaker Impedance:	4 Ohms–16 Ohms

Video Section

Signal Level	1 Vp-p/75 Ohms Composite Video 1 Vp-p/75 Ohms Component Video (Y) 0.7 Vp-p/75 Ohms Component Video (Pb/Pr)

Tuner Section

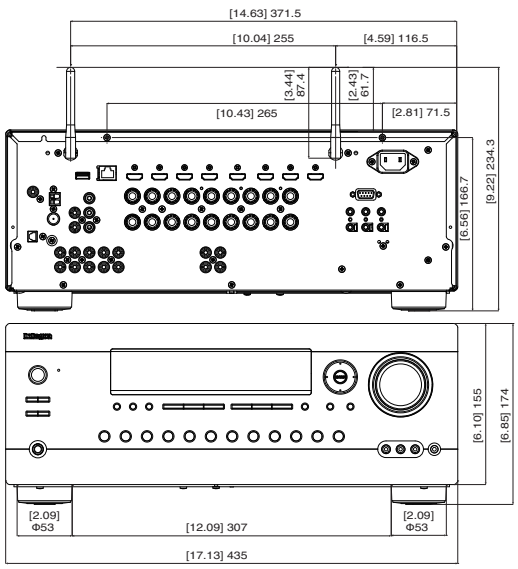
Tuning Frequency Range:	FM 87.5 MHz–107.9 MHz AM 530 kHz–1,710 kHz
FM/AM Preset Memory:	40 Stations

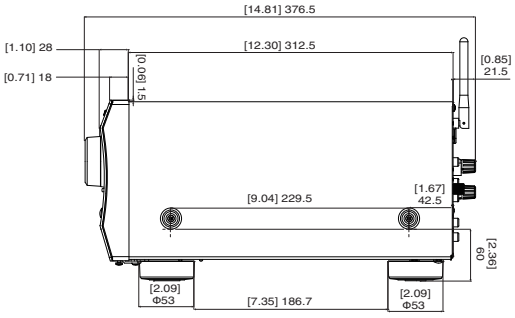
General

Power Supply:	AC 120 V~, 60 Hz
Power Consumption:	460 W
Stand-by Power Consumption:	0.15 W
Dimensions (W x H x D):	17 1/8″ x 6 7/8″ x 14 13/16″ (435 x 174 x 376.5 mm)
Weight:	21.2 lbs. (9.6 kg)

Carton

Dimensions (W x H x D):	22 1/16″ x 12″ x 18 3/8″ (560 x 305 x 467 mm)
Weight:	27.6 lbs. (12.5 kg)





Due to a policy of continuous product improvement, Integra reserves the right to change specifications and appearance without notice. Dolby, Dolby Atmos, Dolby Surround, Dolby Vision, and the double-D symbol are trademarks of Dolby Laboratories. For DTS patents, see http://patents.dts.com. Manufactured under license from DTS Licensing Limited. DTS, the Symbol, DTS and the Symbol together, DTS:X and the DTS:X logo, DTS Virtual:X and the DTS Virtual:X logo, DTS Neural:X and the DTS Neural:X logo, and Play-Fi and the Play-Fi logo are registered trademarks or trademarks of DTS, Inc. © DTS, Inc. All Rights Reserved.The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries. SONOS is a trademark of SONOS, Inc. The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. AirPlay, iPad, and iPhone are registered trademarks of Apple Inc. Android and Google Play are trademarks of Google LLC. Wi-Fi® is a registered trademark of the Wi-Fi Alliance. The Wi-Fi CERTIFIED Logo is a certification mark of the Wi-Fi Alliance. Spotify and the Spotify logo are trademarks of the Spotify Group, registered in the U.S. and other countries. Products displaying the Hi-Res Audio logo conform to the Hi-Res Audio standard as defined by Japan Audio Society. The Hi-Res Audio logo is used under license from Japan Audio Society. PANDORA, the PANDORA logo, and the Pandora trade dress are trademarks or registered trademarks of Pandora Media, Inc. Used with permission. Amazon, Amazon Music, and all related logos and motion marks are trademarks of Amazon.com, Inc. or its affiliates. FlareConnect, Integra Music Control App, Integra Control Pro, Music Optimizer, VLSC, and AccuEQ are registered trademarks or trademarks of Onkyo Corporation. All other trademarks and registered trademarks are the property of their respective holders.