



## Prepare for the 8K Theater Revolution

High-spec HDMI® unlocks exciting features for gamers and film lovers in your family, including 8K video passthrough, HDR10+, and low-latency gameplay. Enjoy DTS:X® and Dolby Atmos® 3D soundtracks with refined Integra power and convenient voice-controllable multi-room audio.

### AUDIO & VIDEO HIGHLIGHTS

- 5.2.2-ch Dolby Atmos® and DTS:X® playback
- DTS Virtual:X™ and Dolby Atmos Height Virtualization
- Dolby Surround® and DTS® Neural:X upmixing
- HDMI®<sup>1</sup> supports 8K/60p (4:4:4/12-bit<sup>2</sup>, 4:2:2/12-bit<sup>2</sup>, 4:2:0/10-bit), 8K/30p (4:4:4/12-bit<sup>2</sup>, 4:4:4/10-bit, 4:2:2/12-bit), 4K/120p (4:4:4/12-bit<sup>2</sup>, 4:4:4/10-bit, 4:2:2/12-bit) video passthrough, HDR10+, Dolby Vision™, HDR10, HLG, BT.2020, VRR (Variable Refresh Rate), DSC (Display Stream Compression), ALLM (Auto Low Latency Mode), QFT (Quick Frame Transport), QMS (Quick Media Switching), eARC (enhanced Audio Return Channel), DeepColor™, x.v.Color™, LipSync, and HDCP 2.3
- HDMI Main Out with eARC for encoded HQ audio, Sub/Zone 2 Out with OSD<sup>3</sup>
- Bidirectional Bluetooth® wireless technology Version 4.2 + LE (A2DP v1.2, AVRCP v1.3; RX: SBC/AAC, TX: SBC/Qualcomm® aptX™/apt X HD)
- Separate Zone 2 speaker outputs enable 5.2.2-ch + Zone 2 speaker connection, 5.2.2-ch playback switching to 5.2-ch + Zone 2 playback<sup>4</sup>
- Dedicated Zone 2 DAC supports synced/independent D/A audio distribution (including HDMI/SPDIF/NET<sup>5</sup>) via Zone 2 speaker outputs and Zone 2 pre-out<sup>6</sup>
- Share any MAIN audio source to a wireless headphone dock via Zone B line-out<sup>6</sup>
- Phono equalizer (MM) and SACD (Super Audio CD) playback via HDMI (2.8 MHz 2-ch/multichannel)
- AccuEQ Room Calibration with subwoofer EQ and AccuReflex™
- Original DSP-based Vocal Enhancer clarifies in-program vocals/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 parts
- Non-phase-shift amp-circuit topology for clear and cohesive sound
- Optimum Gain Volume Circuitry
- Precision DAC supports 192 kHz/24-bit multichannel D/A conversion
- VLSC™ (Vector Linear Shaping Circuitry) filtering technology (Front L/R)
- PLL (Phase-Locked Loop) jitter-cleaning circuitry for SPDIF digital audio
- Front L/R speaker bi-amping capability in 5.2-ch configuration
- Tone controls (bass/treble) for Front L/R channels

### NETWORK & MULTI-ZONE AUDIO FEATURES

- Isolated quad-core SoC board supports high-speed 802.11ac (2x2 MIMO<sup>7</sup>) Wi-Fi®
- Supports Amazon Music HD<sup>8</sup>, Spotify®, TIDAL, TuneIn, Pandora®, and Deezer<sup>9</sup>
- Works with Sonos supporting multiple Sonos Connect/Port control and Volume Passthrough mode<sup>10</sup>
- Works with Alexa supporting multi-room music<sup>11</sup>
- Works with Hey Google<sup>12</sup> and Chromecast built-in™
- AirPlay 2 multi-room audio with Siri voice control
- DTS Play-Fi®<sup>13</sup> multi-room audio via Integra Music Control App<sup>14</sup>
- Compatible with the Integra Remote app for iPad®, iPhone®, and Android™<sup>14</sup>
- Roon Tested certified for the Roon Core
- Hi-Res Audio via network (DSD 11.2 MHz/5.6 MHz/2.8 MHz<sup>15</sup>, FLAC, WAV [RIFF], ALAC, and AIFF to 192 kHz/24-bit<sup>16</sup>)

### AUDIO-VIDEO CONNECTIONS

- 6 HDMI inputs, Main Out (eARC), Sub/Zone 2 Out
- 2 digital audio inputs (rear, 1 optical, 1 gold-plated coaxial, assignable)
- 4 gold-plated analog RCA audio inputs (rear, assignable)
- Gold-plated phono input and built-in equalizer (MM) for turntable connection
- USB input (5 V/1 A) for audio playback (rear)
- Gold-plated 1/8" (3.5 mm) AccuEQ setup mic input (front)
- Gold-plated 1/4" (6.35 mm) headphone jack
- 9 gold-plated banana-plug-ready speaker posts with transparent knobs (including Zone 2)
- Dedicated gold-plated Zone 2 speaker outputs<sup>4</sup>
- Gold-plated Front L/R pre-out, Zone 2 pre-out, and Zone B line-out (analog RCA<sup>6</sup>)
- 2 subwoofer pre-outs
- Ethernet LAN terminal

### CUSTOM INTEGRATION FEATURES

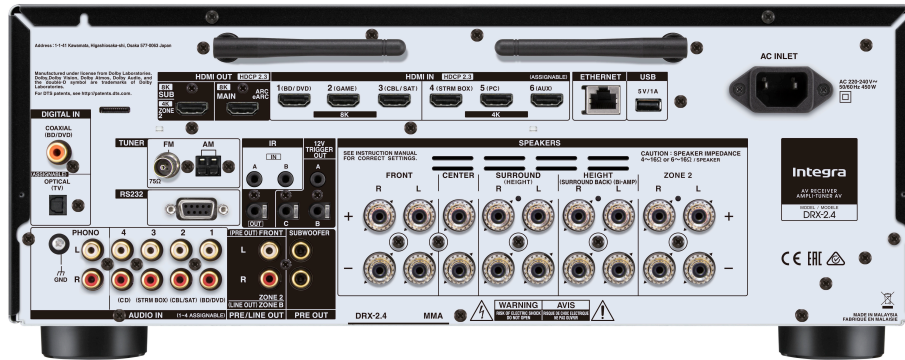
- 10BASE-T/100BASE-TX Ethernet supports setup and IP control via web browser
- Works with Crestron®, Control4®, Savant, URC, ELAN, and RTI automation
- RS-232 input for external control and automation
- 2 IR inputs and 1 output
- 3 programmable 12 V trigger-outs with adjustable delay (A: 100 mA, B: 25 mA, C: 25 mA)
- Dealer-settings memory storage and recall function
- AC inlet for detachable IEC power cable
- Optional rack-mount kit (IRK-155-3D)

### ADDITIONAL FEATURES

- Aluminum front panel and volume knob
- One-touch volume memory preset assignment to individual A/V inputs via front panel
- OSD function displays A/V input signal data, output signal/settings data, and network information
- Dolby® TrueHD and DTS-HD Master Audio® decoding
- Advanced Music Optimizer™ improves compressed audio playback quality
- High-definition GUI over HDMI
- 4K to 8K, 1080p to 8K/4K video upscaling via HDMI
- Crossover Adjustment (40/45/50/55/60/70/80/90/100/110/120/130/150/180/200 Hz)
- A/V Sync Control (Up to 500 ms in 1 ms steps at 48 kHz<sup>17</sup>)
- Sleep timer, HDMI passthrough, and network standby
- 40 FM/AM/internet radio presets with station-naming (10 characters)
- 3-Mode display dimmer (Normal/Dim/Dimmer)

<sup>1</sup> Features defined in HDMI 2.1 specification, HDR10+, and passthrough capabilities described are supported on HDMI inputs 1–3, Main Out, and Sub/Zone 2 Out in Sub Mode output. <sup>2</sup> DSC signals only. <sup>3</sup> HDMI Zone 2 Mode output supports signals via HDMI inputs 1–3. <sup>4</sup> Playback via Height (5.2.2-ch layout) or Surround Back (7.2-ch layout) speaker outputs is unavailable when playing in 5.2-ch + Zone 2 speaker output mode. Output via Zone 2 speaker output and Zone 2 pre-out enabled. <sup>5</sup> Zone 2 HDMI audio is available on inputs 1–3. SPDIF and HDMI support PCM signals only. <sup>6</sup> Zone 2 pre-out, Zone B line-out, and Front L/R pre-out are exclusive modes shared on the same analog RCA output. <sup>7</sup> Some countries or regions have regulations that affect wireless signal strength and the use of Wi-Fi channels. <sup>8</sup> Amazon Music HD is supported via DTS Play-Fi. <sup>9</sup> Service availability varies with region, and a paid subscription may be required. <sup>10</sup> Requires Sonos Connect or Port (sold separately). Connection of 1–2 Sonos devices is supported with volume control enabled via the Sonos app. Sonos app available free for compatible iPhone® and iPad® at the App Store. Available free for compatible Android™ devices at the Google Play Store. <sup>11</sup> Voice control requires an Amazon Alexa enabled device. Alexa multi-room music may require a firmware update. <sup>12</sup> Voice control requires a Google Assistant enabled device. <sup>13</sup> Enabled with a future firmware update. <sup>14</sup> Available free for compatible iPhone, iPad, and Android devices. <sup>15</sup> Converted to PCM. Playback not guaranteed via wireless LAN. <sup>16</sup> Supported sampling rates may vary depending on network environment. ALAC is supported to a maximum 96 kHz. <sup>17</sup> Max. 400 ms (1 ms steps) at 96 kHz, and max. 200 ms (1 ms steps) at 192 kHz.

## 7.2-CHANNEL NETWORK A/V RECEIVER



- 8K4K**
- HDR10+**
- COMPATIBLE WITH
- Dolby Vision**
- Dolby Atmos**
- dts X**
- deezer**
- TIDAL**
- Spotify**
- pandora**
- amazon music**



### 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 (Pre-out/Subwoofer Pre-out)  
 200 mV rms/470 k-Ohms (Zone B Line-out)

**Phono Overload:** 70 mV (MM, 1 kHz, 0.5%)

**Frequency Response:** 10 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

#### 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 V~, 60 Hz

**Power Consumption:** 460 W

**Standby Power Consumption:** 0.1 W

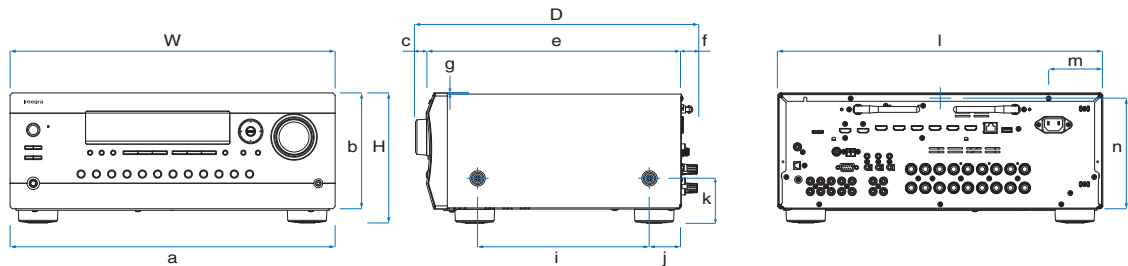
**Dimensions (W x H x D):** 17 1/8" x 6 7/8" x 14 13/16"  
 (435 x 174 x 376.5 mm)

**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:** 21.2 lbs. (9.6 kg)



W	H	D	a	b
17 1/8" (435 mm)	6 7/8" (174 mm)	14 13/16" (376.5 mm)	17 1/8" (435 mm)	6 1/8" (155 mm)
c	e	f	g	i
15/16" (24.5 mm)	13" (330.5 mm)	7/8" (21.5 mm)	1/16" (1.5 mm)	9 1/16" (229.5 mm)
j	k	l	m	n
1 11/16" (42.5 mm)	2 3/8" (60.8 mm)	17 1/16" (433 mm)	2 13/16" (71.5 mm)	6 5/8" (167.5 mm)

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