



## 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® supports 8K/60p, HDR10+, Dolby Vision™, HDR10, HLG, 4:4:4/24-bit and BT.2020 color, 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<sup>1</sup>
- HDMI Main Out with eARC for encoded HQ audio, Sub/Zone 2 Out with OSD<sup>2</sup>
- Bidirectional Bluetooth® Version 4.2 + LE (A2DP v1.2, AVRCP v1.3; RX: SBC/AAC, TX: SBC/Qualcomm® aptX™/aptX 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>3</sup>
- Dedicated Zone 2 DAC supports synced/independent D/A audio distribution (including HDMI/SPDIF/NET<sup>4</sup>) via Zone 2 speaker outputs and Zone 2 pre-out<sup>5</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>6</sup>) Wi-Fi®
- Supports Amazon Music, Spotify®, TIDAL, TuneIn, Pandora®, and Deezer<sup>7</sup>
- Works with Sonos for the Sonos Home Sound System<sup>8</sup>
- Works with Alexa<sup>9</sup>
- Works with Hey Google<sup>10</sup> and Chromecast built-in™
- AirPlay 2 multi-room audio with Siri voice control
- DTS Play-Fi®<sup>11</sup> multi-room audio via Integra Music Control App<sup>12</sup>
- Compatible with the Integra Remote app for iPad®, iPhone®, and Android™<sup>13</sup>
- Roon Tested certified for the Roon Core
- Hi-Res Audio via network (DSD 11.2 MHz/5.6 MHz/2.8 MHz<sup>13</sup>, FLAC, WAV [RIFF], ALAC, and AIFF to 192 kHz/24-bit<sup>14</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 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>3</sup>
- Gold-plated Front L/R pre-out, Zone 2 pre-out, and Zone B line-out (analog RCA)<sup>5</sup>
- 2 subwoofer pre-outs
- Ethernet LAN terminal

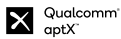
### CUSTOM INTEGRATION FEATURES

- Ethernet supports setup and IP control via web browser
- Works with Crestron®, AMX® by HARMAN, and Control4® 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
- OSD output function for installers
- 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
- Dolby® TrueHD and DTS-HD Master Audio® decoding
- Advanced Music Optimizer™ improves compressed audio playback quality
- High-definition GUI over HDMI featuring source input/output data display
- 1080p to 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>15</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 supported on HDMI inputs 1–3 and Main Out. <sup>2</sup> Audio-video output via HDMI Sub/Zone 2 Out is supported via HDMI inputs 1–3. <sup>3</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>4</sup> Zone 2 HDMI audio is available on inputs 1–3. SPDIF and HDMI support PCM signals only. <sup>5</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>6</sup> Some countries or regions have regulations that affect wireless signal strength and the use of Wi-Fi channels. <sup>7</sup> Service availability varies with region, and a paid subscription may be required. <sup>8</sup> Requires Sonos Connect or Port (sold separately). Sonos Music Control App is available free for compatible iPhone®, iPad®, and Android™ devices. <sup>9</sup> Voice control requires an Amazon Alexa enabled device. <sup>10</sup> Voice control requires a Google Assistant enabled device. <sup>11</sup> Enabled with a future firmware update. <sup>12</sup> Available free for compatible iPhone, iPad, and Android devices. <sup>13</sup> Converted to PCM. Playback not guaranteed via wireless LAN. <sup>14</sup> Supported sampling rates may vary depending on network environment. ALAC is supported to a maximum 96 kHz. <sup>15</sup> Max. 400 ms (1 ms steps) at 96 kHz, and max. 200 ms (1 ms steps) at 192 kHz.



**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 120 V~, 60 Hz

Power Consumption: 460 W

Standby Power Consumption: 0.15 W

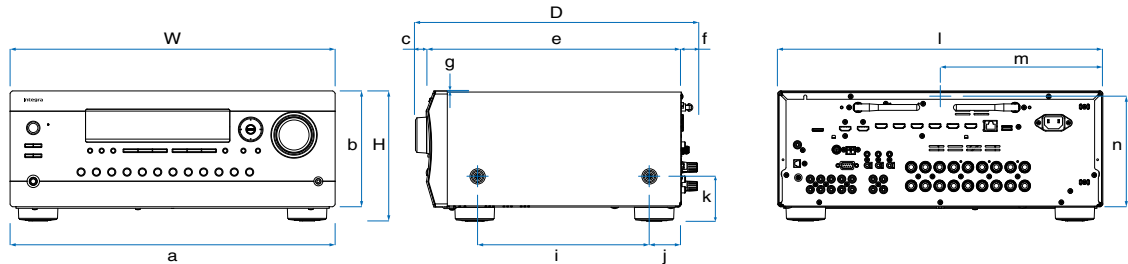
Dimensions (W x H x D): 17 1/8" x 6 7/8" x 14 13/16"  
(435 x 174 x 376.5 mm)

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: 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 3/32" (155 mm)
c	e	f	g	i
31/32" (24.5 mm)	13" (330.5 mm)	27/32" (21.5 mm)	1/16" (1.5 mm)	9 1/32" (229.5 mm)
j	k	l	m	n
1 11/16" (42.5 mm)	2 13/32" (60.8 mm)	17 1/16" (433 mm)	12 15/16" (71.5 mm)	6 19/32" (167.5 mm)

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