



## Welcome Extraordinary into Your Home

Cinema-reference Dolby Atmos® or DTS:X® sound through up to 7.2.4 channels\* complements 8K HDR video passthrough. Connect 5.2.4-ch speakers and Zone 2 speakers and switch between 5.2.4-ch and 5.2.2-ch + Zone 2 playback, or use 5 GHz/2.4 GHz Wi-Fi® and your voice to control music all around your home.

\* Requires connection of an external stereo power amp.

### AUDIO & VIDEO HIGHLIGHTS

- 5.2.4/7.2.2-ch Dolby Atmos® and DTS:X® playback
- Dolby Atmos Height Virtualization
- Dolby Surround® and DTS® Neural:X upmixing
- HDMI®1 supports 8K/60p (4:4:4/12-bit<sup>2</sup>, 4:2:2/12-bit<sup>2</sup>, 4:2:0/10-bit<sup>3</sup>), 8K/30p (4:4:4/12-bit<sup>2</sup>, 4:4:4/10-bit<sup>3</sup>, 4:2:2/12-bit<sup>3</sup>, 4:2:0/12-bit), 4K/120p (4:4:4/12-bit<sup>2</sup>, 4:4:4/10-bit<sup>3</sup>, 4:2:2/12-bit<sup>3</sup>, 4:2:0/12-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
- 11.2-ch pre-outs<sup>4</sup> and processing for 7.2.4-ch<sup>5</sup> layouts
- HDMI Main Out with eARC for encoded HQ audio, Sub/Zone 2 Out with OSD<sup>6</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 5.2.4-ch + Zone 2 speaker connection, 5.2.4-ch playback switching to 5.2.2-ch + Zone 2 playback<sup>7</sup>
- Dedicated DACs support synced/independent D/A audio distribution in Zone 2 and Zone 3 (including HDMI/SPDIF/NET<sup>8</sup>) via Zone 2 and Zone 3 speaker outputs, Zone 2 pre-out<sup>9</sup> and Zone 3 pre-out<sup>4</sup>
- Share any MAIN audio source to a wireless headphone dock via Zone B line-out<sup>9</sup>
- Phono equalizer (MM) and SACD (Super Audio CD) playback via HDMI (2.8 MHz 2-ch/multichannel)
- Dirac Live® Room Correction supports multi-point acoustic calibration
- AccuReflex™ phase-matching solution for Dolby Atmos enabled speakers
- Original DSP-based Vocal Enhancer clarifies in-program vocals/dialog

### AMPLIFICATION TECHNOLOGY

- 215 W per channel (6 Ω, 1 kHz, 10% THD, 1-ch driven)  
180W per channel (6 Ω, 1 kHz, 1% THD, 1-ch driven, IEC)
- THX® Certified Select for Cinema Reference Sound
- IMAX® Enhanced certified for IMAX® digital remasters
- Low-impedance amp system with 4-ohm speaker-driving capability
- Massive custom transformer and customized 15,000 μF capacitors
- Copper bus-bar connects capacitors to amplifiers
- Non-phase-shift amp-circuit topology, audio-grade parts, and separate digital/analog circuit boards
- Extruded anti-resonant aluminum heat-sink
- 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 5.2/7.2/5.2.2-ch configuration
- Independent tone controls (bass/treble) for all channels

### NETWORK FEATURES AND MULTI-ZONE AUDIO

- Isolated quad-core SoC board supports high-speed 802.11ac (2x2 MIMO<sup>10</sup>) Wi-Fi®
- Amazon Music HD<sup>11</sup>, Spotify®, TIDAL, TuneIn, and Deezer<sup>12</sup>
- Works with Sonos supporting multiple Sonos Connect/Port control and Volume Passthrough mode<sup>13</sup>
- Works with Alexa supporting multi-room music<sup>14</sup>
- Works with Ok Google<sup>15</sup> and Chromecast built-in™
- AirPlay 2 multi-room audio with Siri voice control
- DTS Play-Fi®<sup>16</sup> multi-room audio via Integra Music Control App<sup>17</sup>
- Compatible with the Integra Remote app for iPad, iPhone, and Android™<sup>17</sup>
- Room Tested certified for the Roon Core
- Hi-Res Audio via network (DSD 11.2 MHz/5.6 MHz/2.8 MHz<sup>18</sup>, FLAC, WAV [RIFF], ALAC, and AIFF to 192 kHz/24-bit<sup>19</sup>)

### AUDIO-VIDEO CONNECTIONS

- 7 HDMI inputs (1 front), Main Out (eARC), Sub/Zone 2 Out
- 2 digital audio inputs (rear, 1 optical, 1 gold-plated coaxial, assignable)
- 6 gold-plated analog 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)
- 3.5 mm Dirac Live/AccuEQ Advance setup mic input (front)
- 2 gold-plated composite video inputs (rear, assignable)
- 1 gold-plated component video input (rear, assignable)
- 6.3 mm gold-plated headphone jack
- 11 gold-plated speaker posts with transparent knobs (including Zone 2)
- Dedicated gold-plated Zone 2 speaker outputs<sup>7</sup>
- Gold-plated 11.2-ch pre-outs<sup>4</sup>
- Gold-plated Zone 2 pre-out / Zone B line-out (analog RCA<sup>9</sup>)
- 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-180-4C)

### ADDITIONAL FEATURES

- Aluminum front panel and volume knob
- Front-to-Surround/Height speaker switching in Stereo Assign Mode
- 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
- THX® listening modes for films, games, and music
- Advanced Music Optimizer™ improves compressed audio playback quality
- High-definition GUI over HDMI
- Super Resolution 1080p to 4K and 1080p/4K to 8K 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>20</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 1–6, Main Out, and Sub/Zone 2 Out in Sub Mode output. <sup>2</sup> DSC signals only. <sup>3</sup> DSC signals only when input via HDMI inputs 4–6. <sup>4</sup> Height 2 and Zone 3 pre-outs are exclusive modes shared on the same analog RCA output. <sup>5</sup> Requires connection of an external stereo power amplifier. <sup>6</sup> HDMI Zone 2 Mode output supports signals via HDMI inputs 1–3. <sup>7</sup> Playback via Height 2 (5.2.4-ch layout) or Surround Back (7.2.2-ch layout) speaker outputs is unavailable when playing in 5.2.2/7.2.2-ch + Zone 2 speaker output mode. Output via Zone 2 speaker output and Zone 2 pre-out enabled. <sup>8</sup> Zone 2 HDMI audio is available on inputs 1–3. SPDIF and HDMI support PCM signals only. Zone 3 supports analog/NET only. <sup>9</sup> Zone 2 pre-out and Zone B line-out are exclusive modes shared on the same analog RCA output. <sup>10</sup> Some countries or regions have regulations that affect wireless signal strength and the use of Wi-Fi channels. <sup>11</sup> Amazon Music HD is supported via DTS Play-Fi. <sup>12</sup> Service availability varies with region, and a paid subscription may be required. <sup>13</sup> Requires Sonos Connect or Port (sold separately). Connection of 1–3 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>14</sup> Voice control requires an Amazon Alexa enabled device. Alexa multi-room music may require a firmware update. <sup>15</sup> Voice control requires a Google Assistant enabled device. <sup>16</sup> Enabled with a future firmware update. <sup>17</sup> Available free for compatible iPhone, iPad, and Android devices. <sup>18</sup> Converted to PCM. Playback not guaranteed via wireless LAN. <sup>19</sup> Supported sampling rates may vary depending on network environment. ALAC is supported to a maximum 96 kHz. <sup>20</sup> Max. 400 ms (1 ms steps) at 96 kHz, and max. 200 ms (1 ms steps) at 192 kHz.



COMPATIBLE WITH



### SPECIFICATIONS

#### AMPLIFIER SECTION

Power Output  
Front L/R: 215 W/Ch at 6 Ω, 1 kHz, 10%,  
1 Channel Driven,  
180 W/Ch at 6 Ω, 1 kHz, 1%,  
1 Channel Driven, IEC

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

Input Sensitivity and Impedance: 200 mV rms/47 kΩ (Line/Unbalance)  
3.5 mV rms/47 kΩ (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 Ω (Subwoofer Pre-out)  
200 mV rms/470 Ω (Zone 3/Height 2/Pre-/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 Ω–16 Ω

#### VIDEO SECTION

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

#### TUNER SECTION

Tuning Frequency Range: FM 87.5 MHz–108 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: 870 W

Standby Power Consumption: 0.15 W

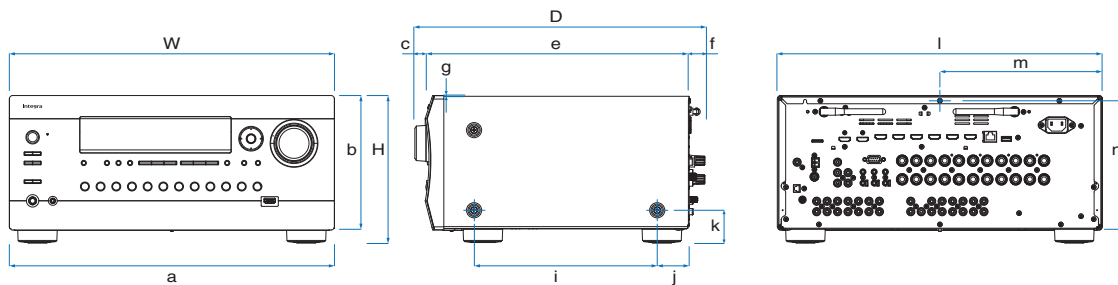
Dimensions (W x H x D): 435 x 198 x 388.5 mm

Weight: 14.0 kg

#### CARTON

Dimensions (W x H x D): 560 x 305 x 462 mm

Weight: 17.0 kg



W	H	D	a	b
435 mm	198 mm	388.5 mm	435 mm	180 mm
c	e	f	g	i
23.8 mm	343.5 mm	21.2 mm	1 mm	245.2 mm
j	k	l	m	n
42.8 mm	44 mm	433 mm	216.5 mm	190.6 mm

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