Additional Features

- Aluminum front panel and volume control
- Stereo Assign Mode supports Height-channel playback
- Volume memory-presets for A/V inputs via front panel
- *Bluetooth*® Version 4.2 (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
- Super Resolution 1080p to 4K video upscaling via HDMI
- Volume memory-presets for A/V inputs via front panel
- 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)

Custom Integration Features

- Bi-directional Ethernet LAN for IP control and dealer setup
- Works with Crestron®, AMX® by HARMAN, and Control4® automation
- RS-232 serial port 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
- OSD output function for installers
- Thick detachable IEC power cable
- Optional rack-mount kit (IRK-180-4C)

Video & Audio Support

- High-power 9-ch amp supports 5.2.4/7.2.2/7.2.4[*1] Dolby Atmos® and DTS:X®
- IMAX® Enhanced[*2] certified for IMAX® digitally remastered content
- Dolby Atmos Height Virtualization[*2] technology
- Dolby Surround® and DTS® Neural:X upmixing technology
- Supports 4K/60p, HDR (HDR10, HLG, Dolby Vision™), BT.2020, and 4:4:4/24-bit video pass-through with HDCP 2.2
- HDMI® Main output with eARC for HD audio, Sub/Zone 2 output with OSD
- 11.2-channel pre-outs and processing for 7.2.4-ch[*1] layouts
- Separate switching Zone 2 outputs and assignable Zone 3 outputs with DACs for unique or synced D/A source distribution (including HDMI/SPDIF[*3])
- Zone 2 pre-/line-out/Zone B line-out shares unique/synced D/A audio[*4] in both rooms, supports connection of a compatible wireless headphone transmitter
- Built-in phono equalizer (MM) and SACD playback via HDMI (2.8 MHz/2-ch/multi)
- AccuEQ Advance 9-point calibration with subwoofer EQ and AccuReflex™
- Easy DSP-based Vocal Enhancer clarifies in-program dialog
- Volume memory-presets for A/V inputs via front panel

Amplification Technology

- 120 W per channel (8 ohms, 20 Hz—20 kHz, 0.08% THD, 2-ch driven, FTC)
- THX® Certified Select™ for Theater Reference Sound
- Low-impedance amp system with 4-ohm speaker-driving capability
- Massive custom transformer and customized 15,000 µF capacitors
- Thick copper bus-bar connects capacitors to amplifiers
- Hand-selected audio-tuned parts on separated digital/analog circuit boards
- Extruded anti-resonant aluminum heat-sink with black anodized paint
- Non-phase-shift amp-circuit topology with 10 Hz—100 kHz frequency response
- High-performance 384 kHz/32-bit D/A conversion (AKM AK4458)
- 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 for all channels (including Zone 2)

Network Features and Multi-Zone Audio

- Quad-core SoC (System on a Chip) supports 802.11ac 2x2 MIMO[*5] Wi-Fi®
- Supports Amazon Music, Pandora®, Spotify®, TIDAL, TuneIn, and Deezer[*6]
- Works with Sonos certified for the Sonos Home Sound System[*7]
- Chromecast built-in[*8] and voice control with the Google Assistant[*9]
- AirPlay 2 multi-room audio and voice control with Siri®[*10]
- DTS Play-Fi® multi-room audio via Integra Music Control App[*11]
- FlareConnect™[*12] multi-zone audio with compatible components
- Supports Integra Remote control and music streaming app[*11]
- Supports DSD Direct 11.2 MHz[*13] (Direct Mode); DSD 11.2 MHz/5.6 MHz/2.8 MHz[*13] (PCM conversion); FLAC, WAV [RIFF], AIFF, and ALAC to 192 kHz/24-bit[*14]

Audio-Video Connections

- 7 HDMI inputs (1 front), Main output (eARC), Sub/Zone 2 output
- 2 digital audio inputs (1 optical and 1 gold-plated coaxial, assignable)
- 6 gold-plated analog audio inputs
- Gold-plated phono input (MM) for turntable connection
- USB input (5 V/1 A) for audio playback (rear)
- 1/8″ (3.5 mm) AccuEQ Advance setup mic input (front)
- 1/4″ (6.3 mm) gold-plated headphone jack
- 2 gold-plated composite video inputs
- 1 gold-plated component video input (assignable)
- 11 banana-plug-ready transparent gold speaker posts (including Zone 2)
- 11.2-channel pre-outs (including Zone 3 pre-/line-out)
- Gold-plated Zone 2 pre-/line-out, Zone B line-level output (analog RCA)
- 2 subwoofer pre-outs

*1 Requires connection of an external power amp via multichannel pre-outs. *2 Enabled with a future firmware update. *3 Zone 2 HDMI audio is available on inputs 1–3. SPDIF and HDMI support PCM signals only. Zone 3 supports analog/NET/Bluetooth. Simultaneous playback of multiple audio sources is enabled in Main, Zone 2, and Zone 3. Output via Zone 2 speaker outputs and Zone 2/Zone B line-out is enabled. *4 When set to Zone B, the same encoded or PCM audio playback in Main is enabled in Zone B. *5 Some countries or regions have regulations that affect wireless signal strength and the use of Wi-Fi channels. *6 Service availability varies with region, and a paid subscription may be required to access some or all features. *7 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. *8 The unit may automatically download and apply an Over-the-Air software update during setup. *9 Voice control requires a smart speaker featuring the Google Assistant. *10 Voice control with Siri requires an Apple HomePod®. *11 Available free for iPhone, iPad, and Android devices. Please check device and OS requirements before download and installation. *12 FlareConnect is a proprietary network protocol that shares audio between compatible products. For details on product compatibility, please visit the Integra website. *13 Playback not guaranteed via wireless LAN. *14 Supported sampling rates may vary depending on network environment. ALAC is supported to a maximum 96 kHz.