



Discrete high-current amplification and 384 kHz / 32-bit digital-to-analog conversion from AKM unlocks the jaw-dropping realism of Dolby Atmos®.

ADVANCED FEATURES

- Supports Dolby Atmos up to 5.1.2 Channels
- 4K / 60 Hz-Capable HDMI® Terminals for Ultra HD Entertainment
- HDMI 6 Inputs / 1 Output (4K UltraHD / HDCP 2.2¹)
- 4K / 60 Hz 4:4:4 Color and High Dynamic Range (HDR) Support via HDMI
- Wi-Fi® Certified Wireless LAN Capability
- Apple AirPlay Support for Wireless Music Streaming
- Bluetooth Version 2.1 + EDR Capability (Compatible Profile: A2DP v1.2, AVRCP v1.3)
- Internet Radio and Music Streaming Subscription Services Included (TuneIn Radio, Spotify, Pandora, and Deezer)²
- Playback Compressed, Lossless, and Hi-Res Audio via Local Network (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, Apple Lossless, DSD 5.6 MHz, LPCM³)
- Proprietary AccuEQ Room Calibration with Mic Included
- PM (Phase-Matching) Bass Boost for Deep Bass and Clear Mid-Range
- AK4458 384 kHz / 32-bit DAC (8 Channels x 1)
- Hand Selected, Audio Tuned Parts to Ensure Low-Impedance, High- Current Performance
- Advanced 32-bit DSP Chip
- Fully Discrete Output Stage Circuitry
- PLL (Phase Locked Loop) Jitter-Cleaning Circuit Technology for S/PDIF Audio
- Overlaid On-Screen Display (OSD) via HDMI with Quick Set-Up
- Playback Compressed, Lossless, and HD Audio via Local Network (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, Apple Lossless, DSD 5.6 MHz, LPCM⁴, and Dolby® TrueHD)
- Control and Stream with Free Integra Remote Apps for iPod touch® / iPhone®⁴ and Android Devices⁵
- Certified with DLNA Version 1.5
- 4 DSP Modes for Gaming: Rock, Sports, Action, and RPG
- Hybrid Standby Function with HDMI Passthrough

¹ HDCP 2.2 is supported on HDMI Input 1-3. ² Availability of services depends on region. Some services may require a paid subscription. Availability of third-party services advertised here is accurate at the time of publication, but may be subject to change without notice. ³ LPCM is supported via DLNA only. ⁴ Compatible with iPod touch (3rd generation or later) and iPhone 3GS or later. All models require iOS 4.2 or later. ⁵ Requires Android OS 2.1 or later.

OTHER FEATURES

- 115 W/Ch at 6 Ω, 1 kHz, 0.9 % THD, FTC
- 120 W/Ch at 6 Ω, 1 kHz, 10 % THD, 1 Channel Driven, JEITA
- WRAT (Wide Range Amplifier Technology)
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- Optimum Gain Volume Circuitry
- Advanced Music Optimizer to Improve Compressed Digital Audio Quality
- Mass Storage Class USB Memory Playback Capability
- CinemaFILTER™
- Individual Crossover Adjustment for Each Channel (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 10 ms Steps at 48 kHz)
- 3 Composite Video Inputs
- 3 Digital Audio Inputs (2 Optical and 1 Coaxial)
- 8 Analog Audio Inputs
- 2 Subwoofer Pre Outs
- Tone Control (Bass / Treble) for Front L / R Channels
- 3-Mode Display Dimmer (Normal / Dim / Dimmer)
- 40 FM / AM Random Presets
- Firmware Updates via Ethernet and USB
- Preprogrammed RI (Remote Interactive) Remote Control

CUSTOM INTEGRATION FEATURES

- Powered Zone 2 and Zone 2 Pre/Line-Out for Distributed Audio Playback in Another Room
- Bi-Directional Ethernet and RS232 Port for Control
- Independent Zone 2 Tone Control (Bass / Treble)
- Max & Power On Volume Settings for Main Zone & Zone 2
- Dealer Settings Memory Store & Recall with Lock / Unlock
- 2 IR Inputs and 1 Output
- 3 Programmable 12 V Triggers (with Adjustable Delay)
- Optional Rack Mount Kit Available (IRK-155-3C)
- Smart Grid-Ready
- RIHD (Remote Interactive Over HDMI) for System Control*

*Compatibility depends on respective model.



SPECIFICATIONS

AMPLIFIER SECTION

Power Output	
All Channels :	115 W/Ch at 6 Ω, 1 kHz, 0.9 % THD, FTC 120 W/Ch at 6 Ω, 1 kHz, 10 % THD, 1 Channel Driven, JEITA
Dynamic Power :	160 W (3 Ω, Front) 125 W (4 Ω, Front) 85 W (8 Ω, Front)
THD+N	
(Total Harmonic Distortion + Noise) :	0.08 % (20 Hz–20 kHz, Half Power)
Input Sensitivity and Impedance :	200 mV / 47 kΩ (Line)
Rated RCA Output Level and Impedance :	1 Vrms / 470 Ω (Subwoofer Per Out) 100 mVrms / 2.3 kΩ (Zone2 Line Out) 1 Vrms / 2.3 kΩ (Zone Pre Out)
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 :	100 dB (Line, IHF-A)
Speaker Impedance :	6 Ω–16 Ω

VIDEO SECTION

Input Sensitivity / Output Level and Impedance :	1.0 Vp-p / 75 Ω (Component Y) 0.7 Vp-p / 75 Ω (Component Pb / Cb, Pr / Cr) 1.0 Vp-p / 75 Ω (Composite)
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TUNER SECTION

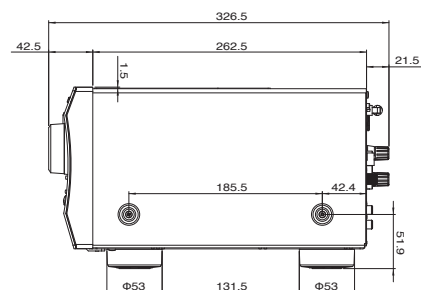
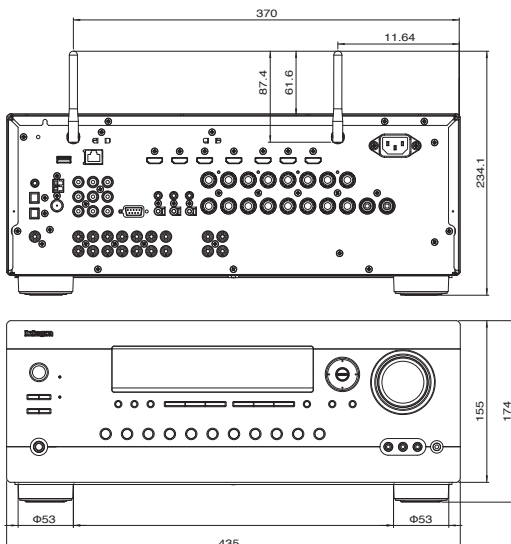
Tuning Frequency Range :	FM 87.5 MHz–108.0 MHz AM 522 kHz–1,611 kHz
FM / AM Preset Memory :	40 stations

GENERAL

Power Supply :	AC 220–240 V~, 50 / 60 Hz
Power Consumption :	430 W
No-Sound Power Consumption :	60 W
Stand-by Power Consumption :	0.15 W
Dimensions (W x H x D) :	435 x 174 x 326.5 mm
Weight :	9.0 kg

CARTON

Dimensions (W x H x D) :	570 x 297 x 423 mm
Weight :	12.0 kg



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