

DTS:X Upgradable



Nothing compares to the clarity and precision of an Integra A/V controller. The feature-packed DHC-60.7 is painstakingly engineered for mesmerizing audio and video performance.

### ADVANCED FEATURES

- Supports New DTS:X™ and Dolby Atmos® Formats for Exciting Multidimensional Sound
- THX® Ultra2™ Plus Certified for Theater Reference Sound
- 4K / 60 Hz, 4:4:4 Color Color Space, High Dynamic Range (HDR), and HDCP 2.2 Capable HDMI® Terminals for UltraHD Entertainment\*1
- Apple AirPlay Support for Wireless Music Streaming
- 8 HDMI Inputs (1 Front / 7 Rear), Main, and Zone 2 Outputs
- HDBaseT™ Port for Multimedia Distribution Assignable to Main Zone or Zone 2
- Zone 2 HDMI Output for 4K Video in a Second Room\*2
- Customized Low-Noise, High-Performance Transformer and Audio Tuned Custom Capacitors
- Hand Selected, Audio Tuned Parts to Ensure High Performance
- Fully Discrete Output Stage Circuitry
- PLL (Phase Locked Loop) Jitter-Cleaning Circuit Technology for S/PDIF Audio
- VLSC™ Technology for Noise-free Signal Path
- Internet Radio and Music Streaming Subscription Services Included (TuneIn Radio, Pandora®, Spotify, and Deezer)\*3
- Play MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, Apple Lossless, DSD 5.6 MHz, LPCM\*4, and Dolby® TrueHD via Local Network
- Control and Stream with Free Integra Remote Streaming Apps for iPod touch® / iPhone®\*5 and Android Devices\*6
- AccuEQ Room Calibration with Mic for Clear and Balanced Sound
- PM (Phase-Matching) Bass Boost for Deep Bass and Clear Mid-Range
- AK4458 384 kHz / 32-bit DAC (8 Channels x 1)
- 7.2-Channel Balanced XLR Pre-Outs and 7.2 Multichannel Pre-Outs
- 2-Channel Balanced XLR Audio Input (Mono Selectable)

\*1 4:4:4 video and HDCP 2.2 is supported on HDMI inputs 1/2/3/4/5, Main Out, and Sub Out. \*2 Zone 2 HDMI is supported on inputs 1/2/3/4/5 \*3 Availability of services depends on region. Some services may require a paid subscription and firmware update. Availability of third-party services advertised here is accurate at the time of publication, but may be subject to change without notice. \*4 LPCM is supported via DLNA only. \*5 Compatible with iPod touch (3rd generation or later) and iPhone 3GS or later. All models require iOS 4.2 or later. \*6 Requires Android 2.1 or later.

### OTHER FEATURES

- 32-bit Digital Signal Processing Engine
- Advanced Music Optimizer to Improve Compressed Digital Audio Quality
- 4 DSP Modes for Gaming: Rock, Sports, Action, and RPG
- Mass Storage Class USB Memory Playback Capability
- Component Video Switching
- 3 Composite Video Inputs and 1 Output
- 5 Digital Audio Inputs (3 Optical and 2 Coaxial)
- 7 Analog Audio Inputs
- Phono Input (MM) for Turntable Connection
- 2 Parallel Subwoofer Pre-Outs
- Graphical Overlaid On-Screen Display (OSD) via HDMI
- Independent 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 1 ms Steps at 48 kHz)
- Tone Control (Bass / Treble) for Front L / R Channels
- Preprogrammed RI (Remote Interactive) Remote Control

### CUSTOM INTEGRATION FEATURES

- Zone 2 and Zone 3 Pre / Line-Out for Distributed Audio Playback
- Bi-Directional Ethernet and RS232 Port for Control
- Whole House Mode for Synchronized Housewide Audio
- Max & Power On Volume Settings for Main Zone / Zone 2 / Zone 3
- Zone 2 DAC for HDMI IN 1-5, NET, and USB Sources
- Zone 3 DAC for NET and USB Sources
- Smart Grid Ready
- Independent Zone 2/3 Tone Control (Bass / Treble / Balance)
- Dealer Setting Memory Store & Recall with Lock / Unlock
- 3 Programmable 12 V Triggers (with Adjustable Delay)
- 2 IR Inputs and 1 Output
- Optional Rack Mount Kit Available (IRK-180-4B)
- RIHD (Remote Interactive Over HDMI) for System Control\*

\*Compatibility depends on respective model.



NETWORK



PANDORA



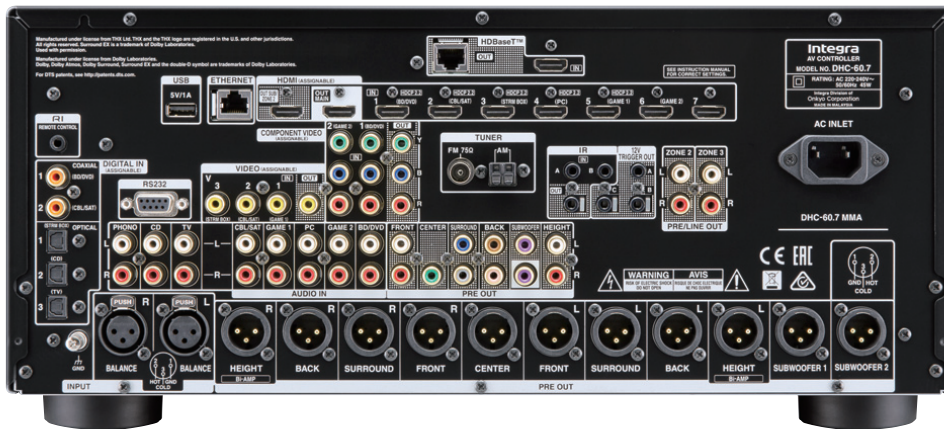
USB

RIHD



RI

ECO



### SPECIFICATIONS

#### PREAMPLIFIER SECTION

Input Sensitivity and Impedance :	200 mV / 47 k $\Omega$ (Line) 3.5 mV / 47 k $\Omega$ (Phono MM)
Rated RCA Output Level and Impedance :	1.0 V / 470 $\Omega$ (Pre Out) 1.0 V / 470 $\Omega$ (Subwoofer Pre Out) 100 mV / 2.2 k $\Omega$ (Zone Out) 1.0 V / 2.2 k $\Omega$ (Zone Pre Out)
Rated XLR Output Level and Impedance:	2.0 V / 440 $\Omega$ (PREOUT (L / R))
Phono Overload :	70 mV (MM, 1 kHz, 0.5%)
Phono Input Capacitance :	220 pF
Frequency Response :	5 Hz–100 kHz / +1 dB, -3 dB (Direct Mode)
Tone Control :	$\pm$ 10 dB, 20 Hz (Bass) $\pm$ 10 dB, 20 kHz (Treble)
Signal-to-Noise Ratio :	106 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)

#### VIDEO SECTION

Input Sensitivity / Output Level and Impedance :	1.0 Vp-p / 75 $\Omega$ (Component Y) 0.7 Vp-p / 75 $\Omega$ (Component Pb / Cb, Pr / Cr) 1.0 Vp-p / 75 $\Omega$ (Composite)
Component Video	
Frequency Response :	5 Hz–100 MHz / +0 dB, -3 dB

#### TUNER SECTION

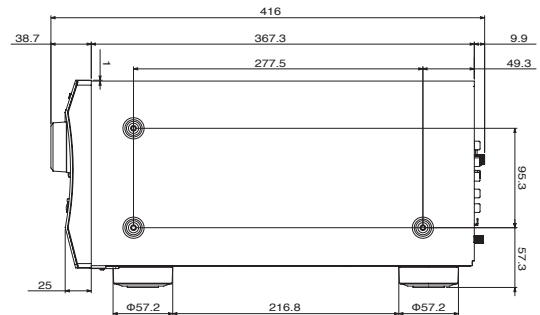
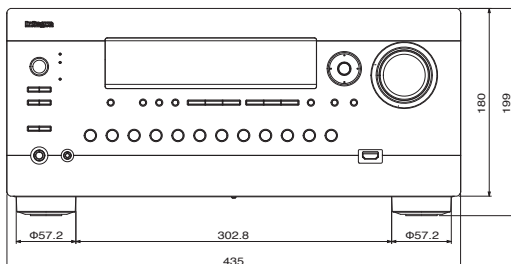
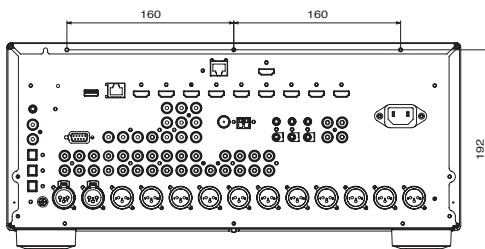
Tuning Frequency Range :	FM 87.5 MHz–108.0 MHz AM 522 / 530 kHz–1,611 / 1,710 kHz
FM / AM Preset Memory :	40 stations

#### GENERAL

Power Supply :	AC 220–240 V 50/60 Hz
Power Consumption :	45 W
No-Sound Power Consumption :	95 W
Stand-by Power Consumption :	0.2 W
Dimensions (W x H x D) :	435 x 199 x 416 mm
Weight :	12 kg

#### CARTON

Dimensions (W x H x D) :	582 x 317 x 521 mm
Weight :	15.5 kg



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