

TEAC
1 9 5 3 - 2 0 1 3
60th ANNIVERSARY

Reference System

Premium System Components

Reference 501 series
Reference 301 series
Reference 01 series
Reference 'To Go'
Speaker systems
Application software



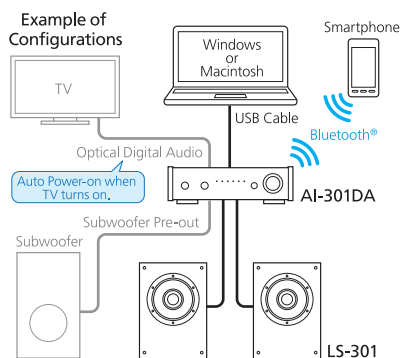
Need to stream high-resolution digital audio from a computer, wirelessly send digital audio from a smartphone, or even digitally expand your TV sound system to a superior 2.1ch Home Theater System?

The AI-301DA does it all. Enjoy a new approach to audio...



Reference 301

High-resolution audio and Bluetooth® playback in a single-box.



Stereo Pre-main Amplifier with USB DAC

AI-301DA



- High-resolution Digital Audio Streaming from PC/Mac via USB Cable.
- Bluetooth® aptX® Codec High-quality Wireless Audio Streaming.
- 40W + 40W Class-D Power Amplifier Engineered by ICEpower.
- Auto Power-on with Incoming Digital Audio Signal.
- Subwoofer Pre-out for Easy Expansion to 2.1ch Home Theater System.

Coaxial 2-way Speaker System

LS-301



- Wide response, up to 40kHz, Ideal for High-resolution Audio Playback.
- Air Direct Center Pole System to Drive Massive Sound Power.
- Rear Bass-reflex Port for Rich Bass Sound.
- A Perfect Loudspeaker Partner for the Reference 301 series.



Stereo Pre-main Amplifier with USB DAC

AI-301DA

Specifications: ● D/A Converters: BurrBrown PCM1795 ● Supported Formats: DSD 2.8M/5.6MHz, PCM 32k/44.1k/48k/88.2k/96k/176.4k/192kHz 16/24/32-bit (USB Input), PCM 32k/44.1k/48k/88.2k/96k/176.4k/192kHz 16/24-bit (Coaxial Input), PCM 32k/44.1k/48k/88.2k/96k/176.4k/192kHz 16/24-bit (Optical Input) ● Audio Inputs: USB Audio x 1, Coaxial Digital Audio x 1, Optical Digital Audio x 1, Line (RCA) x 2 ● Audio Output: Subwoofer Pre-out (RCA) x 1 ● Maximum Output Power: 40W + 40W (4 ohms, 1kHz, 10% THD, JEITA), 20 W + 20 W (8 ohms, 1kHz, 10% THD, JEITA) ● Rated Output Power: 28W + 28W (4 ohms, 1kHz, 1% THD, JEITA), 15W + 15W (8 ohms, 1kHz, 1% THD, JEITA) ● Total Harmonic Distortion: 0.01% (8 ohms, 1kHz, 1W) ● Signal-to-Noise Ratio (LINE IN): 95dB (IHF-A/LPF 20kHz, 1kHz 2V Input) ● Frequency Response: 2Hz to 100kHz (-5dB) ● Headphone Jack: 1/4" (6.3mm) Stereo Jack ● Headphone Output Power: 100mW + 100mW (32 ohms Loaded, 1kHz) ● Headphone Total Harmonic Distortion: 0.005% ● Operating Power: AC 120V, 60Hz (US/Canada), AC 230V, 50Hz (UK/ Europe) ● Power Consumption: 38W (less than 0.5W at Auto Power Saving Mode, 1.2W at Sleep Mode) ● Overall Dimensions (W x H x D): 215 x 61 x 254 mm, 8.5" x 2.4" x 10.0" ● Weight: 2.1kg, 4.6 lbs. ● Included Accessories: Power Cord, Remote Control (RC-1313), AAA Batteries x 2, Owner's Manual (including Warranty Card)



Coaxial 2-way Speaker System

LS-301

Specifications: ● Type: Coaxial 2-way 1-speaker, Rear Bass-reflex ● Units: 100mm Cone (Woofer), 20mm Soft Dome (Tweeter) ● Rated Input Power: 20W ● Maximum Input Power: 50W ● Impedance: 6 ohms ● Sensitivity: 85dB/W/m ● Frequency Response: 65Hz to 40kHz ● Cross-over Frequency: 3.8kHz ● Cabinet Capacity: 4.5 Liters, 275cu.in. ● Dimensions (W x H x D): 161 x 230 x 207 mm, 6.3" x 9.1" x 8.1" ● Weight (per piece): 2.7 kg, 5.9 lbs. ● Included Accessories: Speaker Cable (1.8m, 6ft) x 2, Cork Sheet Feet x 8, Owner's Manual (including Warranty Card)

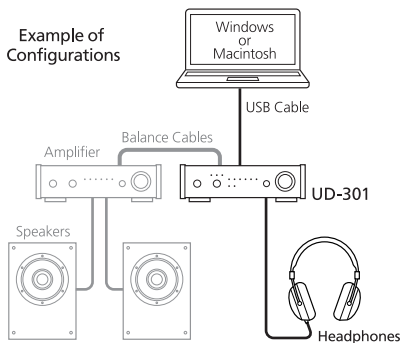
Leading-edge technologies contained in a small enclosure bring you a new way of enjoying master-tape quality music from a computer.

Used as standalone with headphones, or integrated with your existing hi-fi, the UD-301 upgrades your music experience.



Reference 301

Delivering high-performance audio from a desktop component.



USB DAC
UD-301



- High-resolution Digital Audio Streaming from PC/Mac via USB Cable.
- Asynchronous Transfer Mode, and 192kHz Up-conversion Option.
- Dual-monaural Circuit Design Eliminates Interference between Left and Right Channels.
- Dual-monaural CCLC Headphone Amplifier Circuit Design for Fine Headphone Listening.
- XLR Balanced Analog Audio Output for Connection with Professional-grade Equipment.
- Toroidal-core Power Transformer for Stable Internal Current Supply.
- Variable Headphone Output Level Suits to Use as a Headphone Amplifier.
- Switchable Output Mode, "Fixed", "Variable" or "Off", for Versatile System Configurations.*

DSD 5.6MHz
PCM 32 192kHz 24 bit
High-Res Player (TEAC HR Audio Player)
Built-in DAC
USB DAC

* "Variable" mode lets the UD-301 behave as a Pre-amplifier unit, while "Off" mode cancels out deliver output signals from XLR/RCA terminals on rear panel, when Headphone Jack is used.



USB DAC
UD-301

Specifications: ● D/A Converters: BurrBrown PCM1795 x 2 ● Supported Formats: DSD 2.8M/5.6MHz, PCM 32k/44.1k/48k/88.2k/96k/176.4k/192kHz 16/24/32-bit (USB Input), PCM 32k/44.1k/48k/88.2k/96k/176.4k/192kHz 16/24-bit (Coaxial Input), PCM 32k/44.1k/48k/88.2k/96k/176.4k/192kHz 16/24-bit (Optical Input) ● Audio Inputs: USB Audio x 1, Coaxial Digital Audio x 1, Optical Digital Audio x 1 ● Audio Outputs: Balance (XLR) x 1, Unbalance (RCA) x 1 ● Headphone Jack: 1/4" (6.3mm) Stereo Jack ● Headphone Output Power: 100mW + 100mW (32 ohms Loaded, 0.1% THD) ● Supported Headphone Impedance: 16 to 600ohms ● Frequency Response: 5Hz to 55kHz (-3dB) ● Signal-to-Noise Ratio: 105dB ● Total Harmonic Distortion: 0.0015% (1kHz) ● Operating Power: AC 120V, 60Hz (US/Canada), AC 230V, 50Hz (UK/Europe) ● Power Consumption: 10W (less than 0.5W at Auto Power Saving Mode) ● Overall Dimensions (W x H x D): 215 x 61 x 238 mm, 8.5" x 2.4" x 9.4" ● Weight: 2.0 kg, 4.4 lbs. ● Included Accessories: Power Cord, Owner's Manual (including Warranty Card)

From the very latest chart albums to songs that you remember from way back, Enjoy them all with Master-grade quality.



High-resolution audio data – DSD 2.8M/5.6MHz and PCM 192kHz/24-bit – are available from on-line music stores over the Internet.

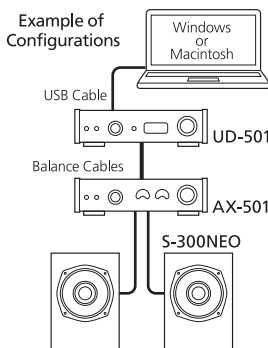
You've heard the song on CD a million times but when you hear it in high-res you'll hear levels of detail that you never knew were there...

Experience unparalleled sound quality.
Modern state-of-the-art digital technology and proven audio know-how will take you to the next level of audio nirvana.



Reference 501

The Ultimate Dual-monaural and Full-balance System*



USB DAC

UD-501



Stereo Pre-main Amplifier

AX-501



Coaxial 2-way Speaker System

S-300NEO



- PCM 384kHz/32-bit, DSD 5.6MHz High-resolution Digital Audio Streaming via USB Cable.
- Dual-monaural Circuit Design Eliminates Interference between Left and Right Channels.
- 4 types of DSD Cut-off Frequency, and 3 types of FIR Filter Options for Fine Tuning.
- Dual Toroidal-core Power Transformers for both Left and Right Channels.
- High-performance Class-D Amplifier Engineered by ABLETEC.
- Full-balance Analog Circuit Design Eliminates Noise and
- Dimmable Needle-type Level Meters Visualize Pulse of the Music.
- CCLC Headphone Circuit for High-quality Headphone Listening.
- Superb Energy Balance over Entire Audible Frequency Range.
- Air Direct Center Pole System to Drive Massive Sound Power.
- Rear Bass-reflex Port for Rich Bass Sound.
- High-quality Luxurious Cabinet with Gloss Finish, available in Red Cherry and Piano Black.

Balance connection with the UD-501 and the AX-501



DSD 5.6MHz | PCM 32 384kHz bit | High-Res Player (TEAC HR Audio Player) | Built-in DAC | USB DAC



Application Software for High-resolution Audio Playback

TEAC HR Audio Player

Free to download

Providing a High-resolution Audio Experience for Everyone.

The TEAC HR Audio Player is a high-quality music playback application for Windows and Mac, with high-resolution audio data processing capabilities including DSD 5.6MHz and PCM 384kHz/32-bit.

Used in conjunction with TEAC's USB DAC, the TEAC HR Audio Player allows you to listen to high-resolution audio without the sort of complication typical of many other music playback applications. Simply select the connected device, and drag-and-drop music files onto the window of the application.

Everything is optimized for high-resolution audio playback. The simplified screen of the TEAC HR Audio Player reduces the load on the CPU (which processes millions of calculations a second when playing back high-resolution audio data) while the RAM Buffer Playback mode pre-loads music audio data prior to playback, further reducing the load on the CPU.

It's all about the sound...

Specifications: ● Supported USB DAC: UD-501, UD-301, AI-501DA, AI-301DA, A-H01, NP-H750, HA-P50 ● System Requirements*: Windows XP 32bit (UD-501 only), Windows Vista, Windows 7, Windows 8, Windows 8.1, OS X Lion (10.7), OS X Mountain Lion (10.8), OS X Mavericks (10.9) ● Supported Formats* (DSD): dsf, diff 2.8M/5.6MHz (UD-501, UD-301, AI-301DA only) ● Supported Formats* (PCM): PCM, WAV, FLAC 44.1k/48k/88.2k/96k/176.4k/192k/384kHz 16/24/32-bit ● Supported Formats* (MP3): 32k to 320kbps ● DSD Transfer Mode: DSD Native (Windows only), DoP
* Supported Formats and System Requirements depend on specifications of respective USB DAC.



Look... high-res audio without a PC!

Experiencing the high-resolution audio world, with a conventional way of audio listening.

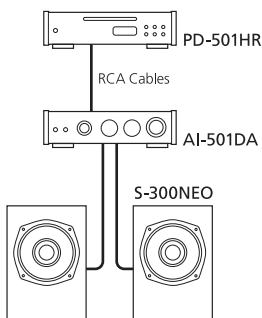
A pure and rich sense of sound depth is delivered from DSD file on a single disc.



Reference 501

Enjoy High-resolution Audio without a PC Connection.

Example of Configurations



High-resolution CD Player

PD-501HR



Stereo Pre-main Amplifier with USB DAC

AI-501DA



Coaxial 2-way Speaker System

S-300NEO



- DSD 5.6MHz, PCM 192kHz/24-bit High-resolution Digital Audio Streaming from Disc.
- VACS Mechanism Eliminates Vibration and Reading Errors.
- Edge-hold Slot-in Mechanism for Safer Disc Loading.
- Separated Power Transformers for Digital Section and Analog Section.

- High-performance and High-quality Class-D Amplifier Engineered by ABLETEC.
- Toroidal-core Power Supply and Schott-key Barrier Diodes for Stable Current Supply.
- Dimmable Needle-type Level Meters Visualize Pulse of the Music.
- Digital Audio Inputs including USB Audio Input Allow Direct Digital Connection.

- Superb Energy Balance over Entire Audible Frequency Range.
- Air Direct Center Pole System to Drive Massive Sound Power.
- Rear Bass-reflex Port for Rich Bass Sound.
- High-quality Luxurious Cabinet with Gloss Finish, available in Red Cherry and Piano Black.



1 Download the App.



Download the "TEAC HR Audio Player" from TEAC Website. (Free Download)

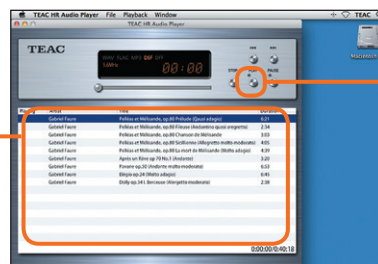
Supported OS: Windows XP 32bit*, Windows Vista, Windows 7, Windows 8, Windows 8.1, OS X Lion (10.7), OS X Mountain Lion (10.8), OS X Mavericks (10.9)

* Windows XP 32bit version supports UD-501 only.

2 Drag-and-Drop Music Files.

Once the "TEAC HR Audio Player" has been started, just drag-and-drop music files onto the lower part of the main window.

You'll then have a list of playable music files, your "Playlist"



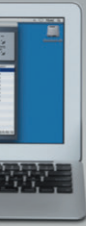
3 Start Playback.

Press "PLAY" to start playback.

REPEAT and SHUFFLE play are also supported.

For even better quality playback just choose the "Expand to RAM" option from the Configure menu.

Reference 501

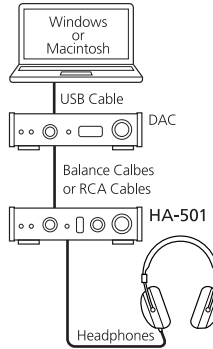


Maximize your headphone's potential by choosing the right damping factor setting.

Reference 501

Maximize your headphone's potential!

Example of Configurations



Headphone Amplifier

HA-501



- Maximizing your Headphones Performance by Choosing the Right Damping Factor Settings.
- Class-A Amplifier with 1400mW + 1400mW Output Power Drives even High-end Headphones.
- Full-analog, and Dual-monaural Circuit Design.
- Active DC Servo Technology Eliminates Unwanted Output Signal Caused by Voltage Difference inside the Transistors.
- XLR Balance Audio Input to Connect with High-end Audio or Professional Audio Equipment
- Wide-pitch Line-in RCA Connector Layout Allows to Accommodate Large-shell Pin Plug.



USB DAC
UD-501

Specifications: ● D/A Converter: BurrBrown PCM1795 x 2 ● Supported Formats: DSD 2.8M/5.6MHz, PCM 44.1k/48k/88.2k/96k/176.4k/192k/384kHz 16/24/32bit (USB Input), PCM 32k/44.1k/48k/88.2k/96k/176.4k/192kHz 16/24bit (Coaxial Input), PCM 32k/44.1k/48k/88.2k/96k/176.4k/192kHz 16/24bit (Optical Input) ● Audio Inputs: USB Audio x 1, Coaxial Digital Audio x 2, Optical Digital Audio x 2 ● Audio Output: Balance (XLR) x 1, Unbalance (RCA) x 1 ● Frequency Response: 5Hz to 80kHz (-3dB) ● Signal-to-Noise Ratio: 115dB ● Total Harmonic Distortion: 0.0015% (1kHz) ● Headphone Jack: 1/4" (6.3mm) Stereo Jack ● Headphone Output Power: 100mW + 100mW (32 ohms Loaded) ● Power: AC120V 60Hz (US/Canada), AC230V 50Hz (UK/Europe) ● Power Consumption: 13W (0.1W at Auto Power Saving Mode) ● Overall Dimensions (W x H x D): 290 x 81.2 x 244 mm, 11.4" x 3.2" x 9.6" ● Weight: 4.0kg, 8.8 lbs. ● Included Accessories: Power Cord, Stereo RCA Cable, Owner's Manual, Warranty Card



Stereo Pre-main Amplifier
AX-501

Specifications: ● Audio Inputs: Balance (XLR) x 1, Unbalance (RCA) x 3 ● Maximum Output Power: 88W + 88W (4 ohms, 1kHz, JEITA), 55W + 55W (8 ohms, 1kHz, JEITA) ● Rated Output Power: 70W + 70W (4 ohms, 1kHz, JEITA), 45W + 45W (8 ohms, 1kHz, JEITA) ● Supported Speaker Impedance: 4 to 8 ohms ● Frequency Response: 10Hz to 60kHz (+1dB, -5dB) ● Signal-to-Noise Ratio (Line In): 100dB (IHF-A, Input Short) ● Total Harmonic Distortion: 0.005% (8 ohms, 1kHz, 1W, JEITA) ● Headphone Jack: 1/4" (6.3mm) Stereo Jack ● Headphone Output Power: 50mW + 50mW (32 ohms Loaded, 0.005% THD) ● Power: AC120V 60Hz (US/Canada), AC230V 50Hz (UK/Europe) ● Power Consumption: 68W (0.5W at Auto Power Saving Mode) ● Overall Dimensions (W x H x D): 290 x 81.2 x 264 mm, 11.4" x 3.2" x 10.4" ● Weight: 4.0kg, 8.8 lbs. ● Included Accessories: Power Cord, Remote Control (RC-1309), AAA Batteries x 2, Owner's Manual, Warranty Card



Headphone Amplifier
HA-501

Specifications: ● Audio Inputs: Balance (XLR) x 1, Unbalance (RCA) x 2, (1/8" Stereo Mini Jack) x 1 ● Audio Output: Line (RCA) x 1 ● Headphone Jack: 1/4" (6.3mm) Stereo Jack ● Supported Headphone Impedance: 16 to 600 ohms ● Maximum Headphone Output Power: 1400mW + 1400mW (32 ohms Loaded), 135mW + 135mW (600 ohms Loaded) ● Rated Headphone Output Power: 600mW + 600mW (32 ohms Loaded), 34mW + 34mW (600 ohms Loaded) ● Frequency Response: 2Hz to 100kHz (+0dB, -3dB), 10Hz to 100kHz (+3dB, -3dB) ● Signal-to-Noise Ratio: 110dB (A-Weight, RCA Input, 2Vrms, 1kHz) ● Total Harmonic Distortion: 0.01% (1V Input, 600mW, 32 ohms Loaded), 0.002% (1V Input, 1V Output, 32 ohms Loaded) ● Power: AC120V 60Hz (US/Canada), AC230V 50Hz (UK/Europe) ● Power Consumption: 22W ● Overall Dimensions (W x H x D): 290 x 81.2 x 244 mm, 11.4" x 3.2" x 9.6" ● Weight: 4.1kg, 9.1 lbs. ● Included Accessories: Power Cord, Owner's Manual, Warranty Card



Stereo Pre-main Amplifier with USB DAC
AI-501DA

Specifications: ● D/A Converter: BurrBrown PCM5102 ● Supported Formats: PCM 32k/44.1k/48k/88.2k/96k/176.4k/192kHz 16/24bit (USB Input), PCM 32k/44.1k/48k/88.2k/96k/176.4k/192kHz 16/24bit (Coaxial Input), PCM 32k/44.1k/48k/88.2k/96k/176.4k/192kHz 16/24bit (Optical Input) ● Audio Inputs: USB Audio x 1, Coaxial Digital Audio x 1, Optical Digital Audio x 2, Line (RCA) x 2 ● Maximum Output Power: 68W + 68W (4 ohms, 20Hz to 20kHz, JEITA), 34W + 34W (8 ohms, 20Hz to 20kHz, JEITA) ● Rated Output Power: 50W + 50W (4 ohms, 20Hz to 20kHz, JEITA), 25W + 25W (8 ohms, 20Hz to 20kHz, JEITA) ● Supported Speaker Impedance: 4 to 8 ohms ● Frequency Response: 10Hz to 60kHz (-3dB, +0dB) ● Signal-to-Noise Ratio: 100dB (IHF-A, Input Short) ● Total Harmonic Distortion: 0.05% (4 ohms, 1kHz, 45W) ● Headphone Jack: 1/4" (6.3mm) Stereo Jack ● Headphone Output Power: 50mW + 50mW (32 ohms Loaded, 0.1% THD) ● Power: AC120V 60Hz (US/Canada), AC230V 50Hz (UK/Europe) ● Power Consumption: 55W (0.2W at Auto Power Saving Mode) ● Overall Dimensions (W x H x D): 290 x 81.2 x 264 mm, 11.4" x 3.2" x 10.4" ● Weight: 4.0kg, 8.8 lbs. ● Included Accessories: Power Cord, Remote Control (RC-1305), AAA Batteries x 2, Owner's Manual, Warranty Card



High-resolution CD Player
PD-501HR

Specifications: ● D/A Converter: Cirrus Logic CS4398 ● Supported Media: CD-DA, CD-R CD-RW (ISO9660 Level1/2, JOLIET), DVD-ROM, DVD-R, DVD+R, DVD-RW, DVD+RW (UDF, DVD-ROM Compatible) ● Supported Formats: DSD 2.8M/5.6MHz, PCM 44.1k/48k/88.2k/96k/176.4k/192kHz 16/24bit (DSD Disc), PCM 44.1k/48k/88.2k/96k/176.4k/192kHz 16/24bit (CD-ROM, CD-R, CD-RW), PCM 44.1k 16bit (CD-DA) ● Audio Outputs: Coaxial Digital Audio x 1, Optical Digital Audio x 1, Line (RCA) x 1 ● Frequency Response: 20Hz to 80kHz (DSD, PCM 192kHz/24bit), 20Hz to 20kHz (CD-DA) ● Signal-to-Noise Ratio: 116dB (DSD), 103dB (CD-DA) ● Power: AC120V 60Hz (US/Canada), AC230V 50Hz (UK/Europe) ● Power Consumption: 11W (0.1W at Auto Power Saving Mode) ● Overall Dimensions (W x H x D): 290 x 81.2 x 244 mm, 11.4" x 3.2" x 9.6" ● Weight: 4.2kg, 9.3 lbs. ● Included Accessories: Power Cord, Remote Control (RC-1306), AAA Batteries x 2, Stereo RCA Cable, Owner's Manual, Warranty Card



Coaxial 2-way Speaker System
S-300NEO

Specifications: ● Type: Coaxial 2-way 1 Speaker, Rear Bass-reflex (Magnetically Shielded) ● Units: 130mm Cone (Woofer), 25mm Soft Dome (Tweeter) ● Maximum Input Power: 100W ● Rated Input Power: 50W ● Impedance: 6 ohms ● Sensitivity: 86dB/W/m ● Frequency Response: 55Hz to 33kHz ● Cabinet Capacity: 5.7 Liters, 350 cu.in. ● Overall Dimensions (W x H x D): 184 x 240 x 229 mm, 7.2" x 9.4" x 9.0" ● Weight (per Unit): 4.3kg, 9.5 lbs. ● Included Accessories: Speaker Cables (2m, 6.6ft), Screw Spikes x 6, Washers x 6, Spike Bases x 6, Cleaning Cloth, Owner's Manual (including Warranty Card)



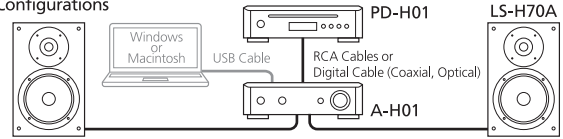
Sleek and easy to place CD hi-fi system turns your computer into the heart of a high-resolution audio system.



REFERENCE
01

Ready, Set, and Go!
A Totally New Home Audio solution.

Example of Configurations



CD Player
PD-H01

- Sleek and Stylish CD Player.
- Supports MP3/WMA File Playback.
- Edge-hold Slot-in Mechanism for Safer Disc Loading.

Stereo Pre-main Amp with USB DAC
A-H01

- High-resolution Audio Streaming via USB.
- Class-D Amplifier Engineered by ICEpower.
- Cooling Fan-less Design for enhanced refinement.

2-way Speaker System
LS-H70A

- 120mm OMF Diaphragm Cone Woofer Produces High-resolution Sound.
- 25mm Soft Dome Tweeter for Crisp and Crystal Clear High-range.

PCM 24 192kHz bit High-Res Player (TEAC HR Audio Player) Built-in DAC USB DAC



Stereo Pre-main Amplifier with USB DAC
A-H01

Specifications: ● D/A Converter: BurrBrown PCM5102 ● Supported Formats: PCM 32k/44.1k/48k/88.2k/96k/176.4k/192kHz 16/24bit (USB Input), PCM 32k/44.1k/48k/88.2k/96k/176.4k/192kHz 16/24bit (Coaxial Input), PCM 32k/44.1k/48k/88.2k/96kHz 16/24bit (Optical Input) ● Audio Inputs: USB Audio x 1, Coaxial Digital Audio x 1, Optical Digital Audio x 1, Line (RCA) x 2 ● Audio Output: Subwoofer Pre-out (RCA) x 1 ● Maximum Output Power: 40W + 40W (4 ohms, 1kHz, JEITA), 20W + 20W (8 ohms, 1kHz, JEITA) ● Frequency Response: 10Hz to 80kHz (-3dB) ● Signal-to-Noise Ratio: 100dB (Line In, IHF-A, Input Short) ● Total Harmonic Distortion: 0.05% (4 ohms, 1kHz) ● Headphone Jack: 1/4" (6.3mm) Stereo Jack ● Headphone Output Power: 50mW + 50mW (32 ohms Loaded) ● Power: AC120V 60Hz (US/Canada), AC230V 50Hz (UK/Europe) ● Power Consumption: 34W ● Overall Dimensions (W x H x D): 215 x 61 x 258 mm, 8.5" x 2.4" x 10.1" ● Weight: 1.6kg, 3.5 lbs. ● Included Accessories: Power Cord, Remote Control (RC-1268), AAA Batteries x 2, Owner's Manual, Warranty Card



CD Player
PD-H01

Specifications: ● D/A Converter: BurrBrown PCM5102 ● Supported Media: CD-DA, CD-R, CD-RW (8cm CD not supported) ● Supported Formats: PCM, MP3, WMA ● Audio Outputs: Coaxial Digital Audio x 1, Optical Digital Audio x 1, Line (RCA) x 1 ● Power: AC120V 60Hz (US/Canada), AC230V 50Hz (UK/Europe) ● Power Consumption: 5W ● Overall Dimensions (W x H x D): 215 x 61 x 225 mm, 8.5" x 2.4" x 8.9" ● Weight: 1.3kg, 2.9 lbs. ● Included Accessories: AC Adapter (PS-0620), Power Cord for AC Adapter, Remote Control (RC-1284), AAA Batteries x 2, RCA Cable, Owner's Manual, Warranty Card



2-way Speaker System
LS-H70A

Specifications: ● Type: 2-way 2-speakers, Rear Bass-reflex ● Unit: 120mm OMF Cone (Woofer), 25mm Soft Dome (Tweeter) ● Maximum Input Power: 70W ● Impedance: 4 ohms ● Sensitivity: 85dB/W/m ● Frequency Response: 55Hz to 35kHz ● Cabinet Capacity: 5.7Liter, 350 cu.in. ● Overall Dimensions (W x H x D): 150 x 250 x 229 mm, 5.9" x 9.8" x 9.0" ● Weight (Per Unit): 3.2kg, 5.1 lbs. ● Included Accessories: Speaker Cables (1.8m, 6ft) x 2, Cork Feet x 8, Owner's Manual (including Warranty Card)



2.1ch Speaker System
LS-WH01

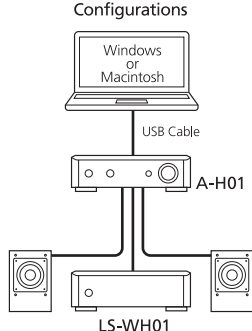
Specifications: [Subwoofer] ● Type: Bass-reflex ● Unit: Double-faced HVT ● Input Impedance: 4 ohms ● Maximum Output Power: 25W (4 ohms, JEITA) ● Amplifier Frequency Response: 45Hz to 140Hz ● Power: AC100V to 240V, 50/60Hz ● Power Consumption: 5.3W ● Overall Dimensions (W x H x D): 215 x 75 x 228 mm, 8.5" x 3.0" x 9.0" ● Weight: 1.45kg, 3.2 lbs. [Satellite Speaker] ● Type: Full-range, Closed ● Unit: 70mm Paper Cone ● Maximum Input Power: 60W (JEITA) ● Impedance: 8 ohms ● Sensitivity: 78dB/W/m ● Frequency Response: 95Hz to 25kHz ● Capacity: 1.1Liter, 67 cu.in. ● Overall Dimensions (W x H x D): 110 x 148 x 168 mm, 4.3" x 5.8" x 6.6" ● Weight (Per Unit): 1.3kg, 2.9 lbs. ● Included Accessories: AC Adapter (PS-M1628), Power Cord for AC Adapter, RCA Audio Cable, Speaker Cables (1m, 3.3ft) x 2, Rubber Feet x 12, Owner's Manual (including Warranty Card)

REFERENCE

01

Sleek 2.1ch Hi-Fi System for Desktop or Bookshelf.

Example of Configurations



Stereo Pre-main Amplifier with USB DAC
A-H01

- High-resolution Audio Streaming via USB.
- Class-D Amplifier Engineered by ICEpower.
- Subwoofer Pre-out for Easy System Expansion.
- Cooling Fan-less Design for Refined Quietness.

2.1ch Speaker System
LS-WH01

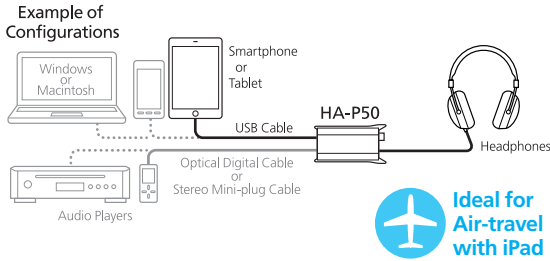
- HVT Unit for Extra Bass Sound and less vibration.
- Cabinet sealed with Rubber to Eliminate Air Leakage.
- Piano Black Satellite Speakers with Small Footprint.
- Auto Power Saving Mode.

PCM 24 192kHz bit High-Res Player (TEAC HR Audio Player) Built-in DAC USB DAC





REFERENCE TO-GO *Bringing High-res Audio Out.*



Ideal for Air-travel with iPad

Portable Headphone Amplifier with USB DAC

HA-P50

- 96kHz/24-bit High-res Audio Digital Streaming from iOS Devices and PC/Mac via USB Cable.
- Digital Streaming from Android Devices via USB Cable.
- Discrete Push-pull Circuit Design Achieves 0.001% THD.
- 160mW + 160mW High-performance Amplifier Circuit.
- Built-in Li-ion Battery with USB Charging.
- 8-hour Battery Life for Long-haul Flight, ideal for watching movies on an iPad.

PCM 24 96kHz bit **High-Res Player (TEAC HR Audio Player)** **High-Res Player (TEAC HR Audio Player for iOS)** **Built-in DAC** **USB DAC**

WARNING Listening at a high volume for a long time may cause temporary or permanent hearing loss.

Specifications: ● D/A Converter: BurrBrown PCM5102 ● Supported Formats: PCM 96kHz/24-bit ("TEAC HR Audio Player for iOS"-installed iOS device with Lightning connector, "TEAC HR Audio Player"-installed PC/Mac, PCM 44.1kHz or 48kHz 16-bit (iPod with Lightning connector, Android devices with AOA2.0) ● Audio Inputs: USB x 2, Optical Digital Input (Optical 3.5mm) x 1, Analog Audio Outputs: 3.5mm Stereo Mini Jack x 1 ● Headphone Output: 3.5mm Stereo Mini Jack x 1 ● Compatible Headphone Impedance: 8 ohms to 600 ohms ● Frequency Response: 10Hz to 100kHz (AUDIO IN) ● Maximum Output Power: 160mW + 160mW (32ohms, 1kHz, 10% THD, JEITA), 65mW + 65mW (300ohms, 1kHz, 10% THD, JEITA), 35mW + 35mW (600ohms, 1kHz, 10% THD, JEITA) ● Total Harmonic Distortion: 0.001% (32ohms, 1kHz, 100mW + 100mW Output Power, JEITA) ● Power: Built-in Li-ion Battery ● Battery Life: Approximately 8 hours (Digital Input) ● Dimensions (W x H x D): 64 x 21.7 x 112mm, 2.5" x 0.85" x 4.4" (Excluding protruding guards), 68 x 23 x 126mm, 2.7" x 0.9" x 5.0" (Including protruding guards) ● Weight: 210g, 7.4oz. ● Included Accessories: DC Power Supply Cable, USB Cable, Rubber Band x 2, Owner's Manual (with Warranty Card) ● Optional Accessory: USB/AC Adapter PS-P515U.

Wherever you are – land, sea or air – you can enjoy the same high-resolution sound you get from a Reference Home Hi-Fi System.



Portable Headphone Amplifier with USB DAC
HA-P50

High-res Audio Playback App for iOS Devices
TEAC HR Audio Player for iOS
Free to download

This iOS App turns your iPhone, iPad and iPod touch into a High-res Audio Player and delivers digital audio streaming to the HA-P50. Also supports playing back Music Library on your iPhone, iPad and iPod touch.



Specifications: ● Supported iOS: iOS 6, iOS 7 ● Supported iOS Devices: iPhone 5s, iPhone 5c, iPhone 5, iPad Air, iPad mini with Retina display, iPad (4th generation), iPad mini, iPod touch (5th generation) ● Compatible Player: HA-P50

Reference for Icons

- DSD 5.6MHz** Supports DSD 5.6MHz Digital Streaming.
- PCM 32 384kHz bit** **PCM 32 192kHz bit** **PCM 24 192kHz bit** **PCM 24 96kHz bit** Supports PCM Digital Streaming. (Shown with Sampling Frequency and Bit length)
- High-Res Player (TEAC HR Audio Player)** **High-Res Player (TEAC HR Audio Player for iOS)** Compatible with High-res Playback Applications. (for Windows, Macintosh, iOS)
- Built-in DAC** Supports Digital-to-Analog Conversion by Built-in D/A Converter(s).
- USB DAC** Supports Digital Streaming via USB Port.
- Bluetooth aptX® Codec** Supports High-quality Wireless Audio Streaming by Bluetooth® aptX® Codec.

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