

TEAC

Premium System Components



A-H01

TEAC

Integrated Amplifier with USB streaming

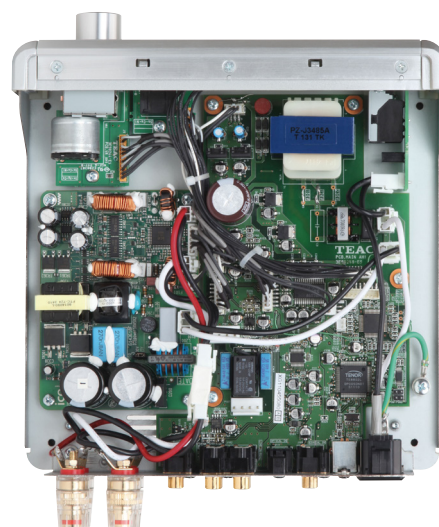


MAIN FEATURES

- Compact high-performance /high-output amplifier
- Expandability and input /output connector options bely its compact dimensions
- Built-in BurrBrown 5102 DAC for high performance with a wide frequency response
- High-performance components give full-size amplifier performance
- Fan-less design means no operating noise

ADDITIONAL FEATURES

- 60W/ch of output power (JEITA at 4 ohms impedance)
- S/N ratio 100dB (LINE Input IHF-A/input short)
- Supports up to 24bit/192kHz USB audio input
- 1x USB Audio input
- 1 x optical S/PIDF digital input
- 1 x coaxial S/PDIF digital input
- 2 x RCA analogue line inputs
- Screw-type speaker terminals
- Headphone out
- Remote control



A-H01 contains both an amplifier and a DAC



PD-H01

TEAC®

Stylish CD Player to Suit Any Listening Style or Audio System



MAIN FEATURES

- Equipped with BurrBrown PCM5102 D/A converter for supreme audio
- CD drive, manufactured in-house, features edge-hold slot-in mechanism to increase disc longevity
- Compact unit measures 215mm in width and 55mm in height for placement just about anywhere
- 5W power consumption for playback operations; auto power-save function
- Plays back MP3/WMA files from CD-R/RW discs
- Program play, shuffle play, repeat play (one title/all titles)
- Gold-plated analogue audio output terminal for high audio quality
- Optical/coaxial digital output terminals
- Dedicated remote control unit included
- Available in two colors to match any room interior (Black and Silver)

Edge-hold slot-in mechanism
extends life of discs



Available in luxurious black or
silver - take your pick!



UD-H01

TEAC®

USB D/A Converter with a dual-monoaural configuration



MAIN FEATURES

- Streaming USB Digital Audio at 24bit /192kHz from your computer
- Dual-monoaural configuration with independent left /right D/A converters
- Refined analogue circuit design for a simple signal path
- High-performance power supply to guarantee the maximum performance from all components and circuits
- Input /output terminals for incorporation into full-scale Hi-Fi systems

ADDITIONAL FEATURES

- 192kHz Up-conversion
- Supported bit rates: 16/24bit
- Supported sampling Rates: 32/44.1/48/88.2/96/176.4/196kHz
- Digital audio input Connectors: USB-B, RCA Coaxial, Tos-link Optical
- Analogue audio Input Connectors XLR, RCA
- S/N Ratio 115db
- Headphone out



UD-501 is an ideal companion for your PC or Mac



High quality speaker terminals offer a secure connection

LS-WH01

TEAC®

2.1ch Speaker System with Low-vibration Subwoofer and Satellite



MAIN FEATURES

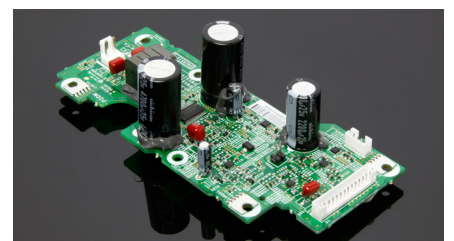
- A powerful but compact speaker system that matches the A-H01
- Low-vibration and powerful bass sound achieved by HVT Technology
- Purpose-designed satellite speakers that match the Subwoofer

ADDITIONAL FEATURES

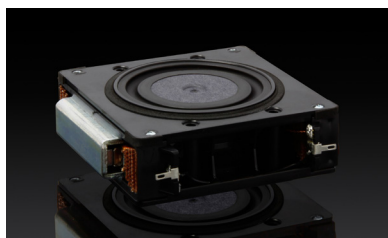
- Phase-change switch for layout-free setting
- Subwoofer level control on rear panel
- RCA jack for subwoofer Input (subwoofer Pre-out required on Amplifier)
- Can be placed horizontally or vertically, Rubber feet included (Subwoofer)
- 2.5inch full-range driver speaker for satellite
- Glossy Piano Black finish cabinet (satellite)
- Robust aluminum die-cast chassis (subwoofer)
- Gold-plated speaker terminals (satellite)
- Detachable speaker grille (satellite)
- Auto Power Save Mode (subwoofer)



Can be positioned horizontally or vertically on your desktop or bookshelf



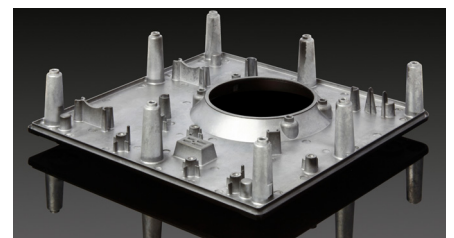
Subwoofer amplifier features high quality components throughout



Extra bass sound without vibration achieved by HVT Technology



Single, wide-range coaxial driver delivers excellent audio imaging



Die-cast aluminium chassis provides a solid platform for the subwoofer

AI-301DA

TEAC

Pre-main Amplifier fitted with Bluetooth®, USB and a Digital-to-analogue Converter



MAIN FEATURES

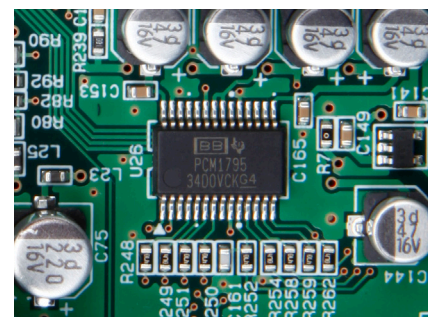
- A compact (215mm width) pre-main amplifier with USB input and built-in digital audio converter
- Compatible with 2.8MHz/5.6MHz DSD native playback and 32bit/192kHz high-resolution sound sources
- High sound quality wireless playback compatible with the Bluetooth® aptX® codec
- Built-in BurrBrown PCM1795 digital-to-analogue converter, compatible with a variety of digital sources
- Fitted with 40W + 40W Class-D power amplifier module manufactured by ICEpower
- Full metal housing provides both excellent vibration control and classy looks, in a compact enclosure, making it easy to accommodate on a desktop

ADDITIONAL FEATURES

- Asynchronous mode capability
- Memory capacity for up to a maximum of eight Bluetooth® device pairings
- CCLC headphone output circuit
- Full metal housing
- 1 x USB input (USB-B type)
- 1 x coaxial digital input
- 1 x optical digital input
- 2 x RCA stereo line inputs
- Screw-type speaker terminals (banana plugs, AWG8 gauge cable compatible)
- Headphone output (standard stereo jack)
- Subwoofer output (RCA)
- Aluminum motor-driven volume control
- Customised remote control included
- Auto Power On function (activated by digital signal sensing)



Wireless playback at high sound quality via Bluetooth® using the aptX® codec



High-performance BurrBrown PCM1795 digital-analogue converter



UD-301

TEAC®

Dual Monaural Digital-to-Analogue Converter



MAIN FEATURES

- A compact (215mm width) digital-to-analogue converter (DAC) with USB input
- Compatible with 2.8MHz/5.6MHz DSD native playback and 32bit/192kHz high-resolution sound sources
- Asynchronous transmission mode capability and 192kHz up-conversion option
- Dual monaural design eliminates interference between the left and right channels.
- Built around twin BurrBrown PCM1795 DAC chips
- Toroidal core power transformer
- XLR balanced output
- The USB DAC can be directly connected to a power amplifier or active speaker and the output level (XLR, RCA) can be set to fixed, adjustable or off.
- By setting the XLR or RCA output level to "Off," unnecessary circuits (other than those of the headphone amplifier) are isolated, enabling the sound quality of the headphone amplifier to be further enhanced.
- Full metal housing provides both excellent vibration control and a classy look, in a compact size allowing convenient desktop positioning



Toroidal core power transformer provides stable power flow

ADDITIONAL FEATURES

- 2 x MUSE58920 operational amplifier units
- Dual monaural CCLC headphone output circuit
- Full metal housing
- 1 x USB input (USB B type)
- 1 x coaxial digital input
- 1 x optical digital input
- 1 x XLR balanced output (Fixed/Adjustable/Off)
- 1 x RCA balanced output (Fixed/Adjustable/Off)
- Headphone output (standard stereo jack)
- Auto Power Save function



LS-301

TEAC®

The LS-301 is the ideal partner for the AI-301DA pre-main amplifier

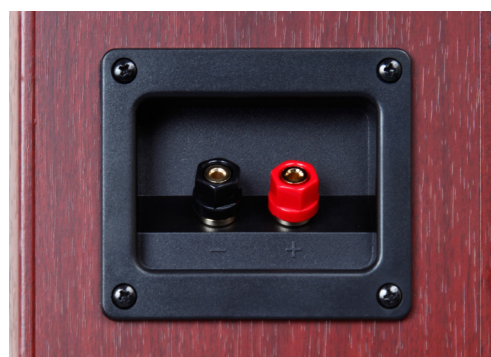


MAIN FEATURES

- A compact, two-way coaxial loudspeaker that has been developed using 'trickledown' technology from the flagship S-300NEO
- Both the 10cm woofer and 2cm tweeter use an Air Direct Centre Pole System
- Capable of reproducing high frequencies up to 40kHz, ideal for listening to high resolution audio
- Rear bass-reflex port
- The perfect loudspeaker partner for the Reference 301 series, creates a high resolution soundstage yet is compact enough to sit on a desktop

ADDITIONAL FEATURES

- Coaxial two-way drive unit
- Fitted with Air Direct Centre Pole System
- Screw-type speaker terminal plugs (gold plated, AWG8-gauge cable compatible)
- Removable saran (synthetic fibre) grille



Banana plug compatible, gold-plated speaker terminals



A 10cm coaxial two-way unit fitted with an Air Direct Centre Pole System

AI-501DA

TEAC

Integrated Amplifier with 192kHz USB Audio Input and built-in DAC



MAIN FEATURES

- High-quality sound, high output power, and low power consumption thanks to an efficient ALC0180 Class-D Amplifier by ABLETEC, Norway
- USB cable connection for a fully digital path from any PC, allowing playback of better-than-CD quality sound
- BurrBrown PCM5102 D/A Converter handles all common types of digital audio formats
- Large number of input/output connectors allows users to integrate amplifier into a full-scale hi-fi system
- A Toroidal-Core Power Transformer for stable current supply
- Full-metal jacket. Gorgeous aluminum panels for front, top and sides. Small footprint fits your desktop

ADDITIONAL FEATURES

- 90W/ch of output power (at 4 ohms impedance)
- Supports up to 24bit/192kHz via USB Audio input
- Supports up to 24bit/192kHz via Coaxial S/PDIF digital audio input
- Supports up to 24bit/96kHz via Optical S/PDIF digital audio input
- Schottky Barrier diodes for power supply circuits
- Full-metal body
- Dual analogue level meters with dimmable backlight
- Headphone amplifier employs two operational amplifiers
- 1 x USB Audio input
- 2 x Optical S/PIDF digital inputs
- 1 x Coaxial S/PDIF digital input
- 2 x RCA analogue line inputs
- Screw-type speaker terminals (AWG8-compatible)
- Headphone out
- Aluminum-weighted volume knob
- Remote control

Remote control gives armchair control over key functions



AX-501

TEAC

Integrated amplifier with fully-balanced analogue pre-amp, high power digital power amplifier and XLR balanced inputs



MAIN FEATURES

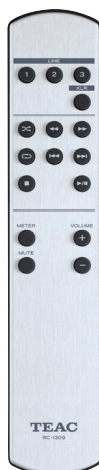
- ABLETEC ALC0240 Class-D Power amplifier with maximum available output of 120 W + 120 W (4 ohms)
- XLR Balanced analogue input terminals (to match UD-501)
- Fully-balanced circuitry to eliminate unwanted analogue circuit noise
- CCLC system for high linearity headphone output
- Large capacity Toroidal-Core Power Transformer
- No cooling-Fan so very quiet in operation
- Full-metal jacket. Tactile aluminum panels for front, top and sides. Small footprint fits your desktop
- A large number of inputs Allows users to integrate into full-scale hi-fi systems
- Well-designed user interface



XLR Balanced Input Terminals for USB DAC Balanced Connection

ADDITIONAL FEATURES

- A fully-balanced approach used for the analogue circuits on the pre-amplifier
- Schottky Barrier diodes for power supply circuits
- Dual analogue level meters with dimmable backlight
- Headphone amplifier that employs CCLC system
- 3 x RCA analogue line inputs
- 1 x XLR analogue balanced inputs
- Screw-type speaker terminals (AWG8 and Banana-Plug compatible)
- Headphone out
- Aluminum-weighted volume knob
- Remote control



HA-501

TEAC®

Full-Analogue Dual Monaural Headphone Amplifier



MAIN FEATURES

- Full Class-A Amplifier for superior sound quality (full-analogue Dual Monaural Discrete design)
- Active DC Servo Technology to eliminate Offset Electrical Potential, to achieve stable drive
- Switchable Damping Factor, to drive diaphragm under the best conditions (5 positions)
- 1,400mW/ch (32 ohm loaded) of high output power to drive a high impedance headphones as high as 600 ohms
- A Toroidal-Core Power Transformer for stable current supply
- Full-metal jacket. Gorgeous aluminum panels for front top and sides. Small footprint fits your desktop

ADDITIONAL FEATURES

- Dual MUSES8920 Op-amps for left and right channels
- Damping Factor Selector
- Balanced audio input via Neutrik XLR connectors
- 2 x pairs of RCA jacks for unbalanced audio input on rear (gold-plated)
- 1 x stereo audio input on front (1/8" or 3.5mm stereo mini jack)
- 1 x stereo headphone out on front (1/4" or 6.35mm Stereo Jack)
- 1 x pair of RCA pin jacks for stereo unbalanced audio output (gold-plated)
- Switchable output line level (Fixed, Variable, Off)
- $\pm 15V$ high voltage operation current achieved giving a high S/N ratio
- Precisely machined aluminum knobs (Volume, Input Selector, Damping Factor Selector)
- Auto-muting when headphone plug is disconnected
- A 3-pole AC socket with a detachable AC cable



PD-501HR

TEAC®

CD Player with 5.6MHz DSD-file-recorded Native Playback



MAIN FEATURES

- Supports DSD file playback on recordable DVD disc, 2.8/5.6MHz DSD-file native playback without PC connection
- Supports 24bit/192kHz PCM file playback (wav format on recordable CD/DVD discs)
- Unique vibration control mechanism, VACS (Vibration Acoustic Control Structure)
- Separated power supply units for analogue and digital sections, and high-quality components such as the Cirrus Logic CS4398 DAC
- Energy efficient "green technology": Max 11W of power consumption and an automatic power saving mode
- Full-metal jacket. Tactile aluminum panels for front, top and sides. Small footprint fits your desktop

ADDITIONAL FEATURES

- Supports CD-DA disc
- Centre-mount mechanism design with slot-in drive
- VACS vibration control stabilisation mechanism
- BlackFin processor for signal processing
- JRC NJM5532 operational amplifier
- Separate power supplies for digital and analogue sections
- Schottky Barrier Diodes for stable current supply
- 'Pure' audio mode for DSD/PCM processing
- 6-layer glass epoxy circuit boards for simplified signal paths
- Repeat play (1/All/Folder), Shuffle play, Max 99 tracks program play
- Organic EL display with dimmer
- 1 x optical digital output
- 1 x coaxial digital output
- 1 x analogue unbalanced RCA output
- Remote control
- Max 11 watts of low power consumption
- Auto power saving mode (user selectable)
- Full metal body



UD-501

TEAC

DSD 5.6MHz / 32-bit/384kHz PCM capable Dual Monaural D/A Converter



MAIN FEATURES

- Supports DSD 2.8/5.6MHz file native playback by ASIO 2.1 or DoP methods
- Supports up to 32bit/384kHz PCM audio playback
- Dual monaural design from the power supply (Toroidal-core) and DAC to operational amplifier
- High performance parts: BurrBrown PCM1795 DAC and MUSES 8920 op-amps for high-quality sound
- Energy efficient design and an auto power-saving mode: max power consumption 13W
- Full-metal jacket. Tactile aluminum panels for front, top and sides. Small footprint fits your desktop

ADDITIONAL FEATURES

- Supports DSD 2.8/5.6MHz playback via USB
- Supports PCM 32bit/384kHz playback via USB
- Supports PCM 24bit/192kHz playback via Coaxial
- Supports up to 24bit/96kHz playback via Optical
- Supports DSD native playback by ASIO2.1 and DoP method
- Exclusive driver software for Windows
- Standard driver software for Mac
- Asynchronous transfer mode
- 4 x analogue filters (playback USB, DSD)
- 3 x digital filters (playback USB, PCM)
- User-selectable upconversion to 192kHz, when input signal is less than 192kHz (On/Off selectable)
- Dual monaural design from power transformer to output section
- 2 x Toroidal-core Power Transformers
- 2 x BurrBrown PCM1795 DACs
- 4 x MUSES 8920 operational amplifiers
- Power supply to USB circuit is switchable
- Line-out circuit can be disabled when headphone is used.
- Polarity change on XLR (2=HOT or 3=Hot)

- 1 x USB audio input
- 2 x optical Inputs
- 2 x coaxial Inputs
- 1 x stereo RCA/XLR



S-300NEO

TEAC®

Time-Tested Coaxial 2-Way Speaker System



MAIN FEATURES

- Coaxial 2-way speaker, descended from legendary "S-300" design
- Enclosure has a high-quality furniture grade finish
- Detachable magnetically-attached 'saran' net grille
- 13cm coaxial 2-way speaker unit with Air-Damped Centre Pole System
- 2.5cm soft dome tweeter
- An air-core coil that eliminates magnetic strain
- Cowling for tweeter is made of very inert urethane
- Rear ducted bass reflex system
- Bi-wirable speaker terminals (gold-plated, banana-plug)
- Dedicated 3-point spikes included

ADDITIONAL FEATURES

- Rated input 50W
- Maximum input 100W
- Input impedance 6Ω
- Output sound pressure level 86dB/W/m
- Playback frequency range 55Hz to 33kHz
- Crossover frequency 3.5kHz
- Dimensions WxHxD mm 184 x 240 x 229 (not including terminal protrusions and spikes)



Removeable links allow for easy bi-wiring



High quality 3-point spike system enhances sound

HA-P50

TEAC®

High quality, portable headphone amplifier with built-in 24/96 USB DAC



MAIN FEATURES

- Portable headphone amplifier with built-in DAC for high sound quality headphone listening, both indoors and outdoors
- Accepts a digital input via USB from iPhone or Android* devices (*AOA2.0-compatible Android handsets)
- 24bit/96kHz high-resolution playback from iPhone and other iOS devices (with no Apple Camera Connection Kit needed when using the TEAC HR Audio Player for iOS high-resolution audio playback app)
- An optical digital input jack allows direct connection to portable audio players or CD/DVD/Blu-ray players
- HIGH/LOW output gain sector
- USB-rechargeable Li-ion battery (continuous battery life approx. 8 hours) with auto power save function

ADDITIONAL FEATURES

- High 160mW + 160mW output gain (at 32Ω load)
- Low 0.001% distortion (at 100mW + 100mW output)
- Built-in BurrBrown PCM5102 high-performance D/A converter
- Discrete output amp section based on a push-pull circuit
- High quality OP1652 operational amplifier
- USB input from PC (24bit/96kHz maximum)
- Works in conjunction with the TEAC HR Audio Player app for PC/Mac (free to download) to deliver high-resolution audio playback
- Combination optical digital/AUDIO IN input
- 3.5mm stereo mini headphone output
- Slim 21.7mm thick (max) design; sturdy full aluminum body
- Internal rechargeable 2100mAh Li-ion battery with continuous battery life of approximately 8 hours
- Supplied with rubber fixing straps for securing HA-50 to iPhone or Android handsets
- Auto power save function





TEAC[®]

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