TEAC Product Preliminary

UD-505

USB DAC / Headphone Amplifier



Main Features

- Dual AKM VERITA AK4497 Velvet Sound™ D/A converters supporting DSD512 (22.5MHz), and PCM 768kHz/32-bit
- Dual Clocks for 44.1kHz-system and 48kHz-system signal
- 10MHz External Clock Input compatible with the CG-10M
- Four types of PCM digital filter and two types of DSD filter
- Up-convert to DSD256 (11.2MHz) and PCM 384kHz
- Built-in Bluetooth® receiver supporting advanced LDAC™ and Qualcomm® aptX™ HD codec
- Dual-monaural circuit design
- Dual Toroidal-core Power Transformers
- Digital Isolator for Analog/Digital isolation
- TEAC-QVCS a Quad Pre-amp circuit
- TEAC-HCLD Current-Enhancing Output Buffer circuit
- Dual 6.3mm Headphone jacks supporting Unbalanced, Balanced, and Active GND drives
- 4.4mm Pentaconn* Headphone jack supporting Balanced and Active GND drives
- Dimmable Full-graphic OLED Display
- TEAC's patent registered Pinpoint Feet assembled on 3 positions for the perfect installation
- Free softwares TEAC HR Audio Player for Win/Mac supporting DSD512 (22.5MHz) and PCM 768kHz/32-bit
- Remote Control included

General Specifications

- Frequency Response: (TBA)
- Signal-to-Noise Ratio: (TBA)
- Total Harmonic Distortion: (TBA)
- Analog In: RCA x 1 pair (Unbalanced)
- Digital In:
  - (Rear) USB-B x 1 (max. DSD512 (22.5MHz), PCM 768k/32)
  - RCA x 1 (Coax, max. DSD64 (2.8MHz) in DoP, PCM 192k/24)
  - TOS-link x 1 (Opt. max. DSD64 (2.8MHz) in DoP, PCM 192k/24)
  - (Front) 3.5mm x1 (Coax/Opt, max. DSD64 (2.8MHz) in DoP, PCM 192k/24)
- Analog Out: RCA x 1 pair (Unbalanced)
  XLR x 1 pair (Balanced)
- Headphone Out: 6.3mm x 2 (Unbalanced, Balanced, Active GND)
  4.4mm Pentaconn x 1 (Balanced, Active GND)
- Headphone Output Power: (TBA)
- EXT 10MHz Clock In: BNC x 1 (Input Impedance 50 ohms)
- Bluetooth® Codec: LDAC™, Qualcomm® apt-X™ HD, Qualcomm® apt-X™, AAC, SBC
- Operation Power: AC 230V, 50Hz (UK/Europe)
- Power Consumption: 16W (Standby: 0.4W or less)
- Dimensions (W x H x D): 290 x 84.5 x 248.7 mm
  11.4" x 3.3" x 9.8"
- Weight: 4.2 kg / 9.3 lbs.



* Pentaconn is a new standard of Balance connection for Headphones via a 4.4mm 5-polar single connector, described in RC-8141C (JEITA).

Design and specifications are subject to change without notice.

TEAC CORPORATION, SEP. 2017