🗰 Quantum HD 8

Power your project with the Quantum HD 8 – the recording interface for project studios and full band recordings.



Key Features

- 26 x 30, 32-bit / 192 kHz USB-C Audio Interface
- High-performance converters with 124 dB dynamic range let you hear and capture audio with stunning clarity and fidelity.
- A custom low-latency driver provides exceptionally low audio latencies when recording.
- Eight all-new, next-generation PreSonus MAX-HD preamps provide transparency and accuracy across the frequency range with +75 dB of gain to maximize the performance of today's most popular microphones for modern recording and broadcast.
- Discreet phantom power means consistent, full power for microphones that require it, so you'll get the most from your high-performance studio microphones.
- 2 Re-amp outputs let you send audio from your DAW to your favorite outboard gear and record it again so you can experiment with different amps, pedals, and mic placement to get the exact sound you want without cutting multiple takes.
- Control your Quantum HD 8 right from Studio One and the Universal Control app, in addition to hardware, so you can adjust preamp gain, toggle phantom power, channel settings, and more without looking away from your recording session. Perfect for dialing in optimal gain staging.
- A full-color, high-resolution screen lets you keep an eye on your input and output meters while an illuminated push encoder provides fast, intuitive control over channel and output settings.
- 16 channels of ADAT Optical input (up to 48 kHz) plus stereo S/ PDIF I/O make connecting your digital gear fast and easy.
- 2 balanced ¼-inch TRS main outputs plus 8 balanced ¼-inch TRS line outputs and 2 high-power headphone outputs give you flexible monitoring, while built-in speaker switching allows you to check your mix on multiple sets of studio monitors.
- DSP monitor mixer plus loopback audio make creating monitor and streaming mixes quick and easy.

The Culmination Of 30 Years Of Innovation

The HD 8 features eight newly redesigned high-definition MAX-HD mic preamps with +75 dB of gain – making it ideally suited for today's most popular microphones. Guitarists and bassists will love the instrument inputs, which were co-developed with Fender engineers. An Auto Gain button sets the perfect gain level for your microphones and instruments. You also get two re-amp outputs so you can send audio from your DAW to your guitar or bass amp and re-record it to experiment with different amps, pedals, and mic placements. An illuminated push encoder provides flexible control over gain level and output volume, and bright and responsive LED metering provides easy visual feedback for your outputs – making it great for self-produced recording.

High Performance Signal Flow

Our custom low-latency driver provides exceptionally low audio latencies when recording, and high-performance converters with 124 dB dynamic range let you hear and capture audio with stunning clarity and fidelity.

All-New MAX-HD Mic Preamps

The Quantum HD 8 features eight newly designed mic preamps with +75 dB of gain. Our high-definition MAX-HD preamps are transparent, low-noise, and digitally-controlled analog, making them ideally suited to today's most popular microphones.

Co-Developed With Fender®

Built by the best ears in the business, guitarists and bassists will love the instrument inputs, co-developed with Fender engineers – industry experts who designed them specifically for guitar and bass.

Professional Recording Software Included

Leap into 12 months of Studio One+ add-ons, exclusive content, and tools, plus a perpetual license to Studio One Professional Edition.

Auto Gain

An Auto Gain button sets the perfect gain level for your microphones and instruments, so you get the perfect take every time.

Re-Amp Outputs

Re-amp audio directly from your DAW and use amps and effects to sculpt your sounds. Send audio from your DAW to your guitar or bass amp and re-record it to experiment with different amps, pedals, and mic placements.

Universal Control App

Quantum works on any mobile or desktop device, so you're ready to record whenever inspiration strikes – whether on your phone, tablet, or in your home studio. Critical preamp functions like preamp gain, phantom power, and more can be controlled with the Quantum HD 8's flexible front panel, or right from Studio One and the Universal Control app, so you can dial in the perfect gain staging without looking away from your recording session.

| Part Number | Description | UPC Code |
|-------------|-----------------|--------------|
| 2777700502 | Quantum HD 8 | 673454012211 |
| 2777703502 | Quantum HD 8 AU | 673454012228 |
| 2777706502 | Quantum HD 8 EU | 673454012235 |
| 2777707502 | Quantum HD 8 JP | 673454012242 |
| 2777714502 | Quantum HD 8 MX | 673454012259 |
| 2777704502 | Quantum HD 8 UK | 673454012266 |

Technical Specifications

| Inputs and Outputs | |
|------------------------------|--------------------------------|
| Microphone Inputs | 8 |
| Guitar Inputs | 2 |
| Line Inputs | 8 |
| S/PDIF Input | 1 |
| Optical Input | 2 |
| MIDI Input | 1 |
| Monitor Outputs (DC coupled) | 2 |
| Line Outputs (DC coupled) | 8 |
| Re-Amp Outputs | 2 |
| S/PDIF Output | 1 |
| Optical Output | 2 |
| MIDI Output | 1 |
| Headphone Outputs | 2 |
| USB-C ports | 1 |
| AD / DA Conversion | |
| Supported Sample Rates | 44.1, 48, 88.2, 96, 176.4, 192 |
| Bit Depth | 32 |

Analog I/O

| Inputs | |
|-----------------------|-----------------------------------|
| Microphone (CH 1 - 8) | |
| Connector Type | 8x Combo-style, XLR / TRS |
| Max Input | +18 dBu (balanced, minimum gain) |
| Gain Range | 0 dB to +75 dB |
| Frequency Response | 20 Hz to 20 kHz, +/- 0.1 dB |
| | (unity gain, reference 1 kHz) |
| Dynamic Range | 116 dB (A-weighted, minimum gain) |
| THD + N | 0.002% (1 kHz, minimum gain) |
| EIN | -130 dBu (max gain, 150 Ohms, |
| | 20 kHz BW, A-weighted) |
| Input Impedance | 1600 Ohms |
| Line In (CH 1 - 8) | |
| Connector Type | 8x Combo-style, XLR / TRS |
| Max input level | +18 dBu (balanced, minimum gain) |
| Frequency Response | 20 Hz to 20 kHz, +/- 0.1 dB |
| | (unity gain, reference 1 kHz) |

| THD + N0.001% (1 kHz, minimum gain)Input Impedance10K OhmsDigital Trim-10 to +10 dBInstrument in (Ch 1 - 2)Connector Type2 x 1/4-inch FemaleGain Range-7 dB to +68 dBMax Input Ievel+21 dBu (unbalanced, minimum gain)Frequency Response20 Hz to 20 kHz, +/ -0.1 dB (unity gain, reference 1 kHz)Dynamic Range111 dB (A-weighted, minimum gain)THD + N0.003% (1 kHz, minimum gain)Input Impedance1M OhmsOutputs2x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/ -0.2 dB (unity gain, reference 1 kHz)Oynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, 44 dBu)Output Impedance51 OhmsTim Range-Inf dB to 0 dBLecout (Ch 3 - 10)20 Hz to 20 kHz, +/ -0.2 dB (unity gain, reference 1 kHz)Oynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, 44 dBu)Output Impedance51 OhmsTim Range-Inf dB to 0 dBLequency Response20 Hz to 20 kHz, +/ -0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, 44 dBu)Output Impedance51 OhmsTim Range-Inf dB to 0 dBPrequency Response20 Hz to 20 kHz, +/ -0.3 dB (unity gain, reference 1 kHz)Dynamic Range112 dB (Waighted)THD + N0.001% (1 KHz, 44 dBu)Output Impedance100 Ohms </th <th>Dynamic Range</th> <th>118 dB (A-weighted, minimum gain)</th> | Dynamic Range | 118 dB (A-weighted, minimum gain) |
|--|--------------------------|------------------------------------|
| Digital Tim -10 to +10 dB Instrument in (ch 1 - 2) Connector Type 2 x 1/4-inch Female Gain Range -7 dB to +68 dB Max input level +21 dBu (unbalanced, minimum gain) Frequency Response 20 Hz to 20 kHz, +/- 0.1 dB (unity gain, reference 1 kHz) Dynamic Range 111 dB (A-weighted, minimum gain) IhD + N 0.003% (1 kHz, +/ 0.2 dB (unity gain, reference 1 kHz) Oynamic Range 123 dB (A-weighted) ThD + N 0.001% (1 kHz, +4 dBu) Output Impedance 51 Ohms Tim Range -inf dB to 0 dB Line Out (Ch 3 - 10) Image Connector Type 8x 1/4-inch Female, TRS Max Output Level +18 dBu (Balanced) Frequency Response 20 Hz to 20 kHz, +/ - 0.2 dB (unity gain, reference 1 kHz) Oynamic Range 116 dB to 0 dB Re-Amp Out (Ch 11 - 12) Image Connector Type 2x 1/4 | THD + N | 0.001% (1 kHz, minimum gain) |
| Instrument In (Ch 1 - 2)Connector Type2 x 1/4-inch FemaleGain Range-7 dB to +68 dBMax input level+21 dBu (unbalanced, minimum gain)Frequency Response20 Hz to 20 kHz, +/- 0.1 dB (unity gain, reference 1 kHz)Dynamic Range111 dB (A-weighted, minimum gain)THD + N0.003% (1 kHz, minimum gain)Input Impedance1M OhmsOutputsMain Out (CH 1 - 2)Connector Type2x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBLine Out (Ch 3 - 10)148 dBu (Balanced)Connector Type8x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBRe-Amp Out (Ch 11 - 12)Connector Type2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB | Input Impedance | 10K Ohms |
| Connector Type2 x 1/4-inch FemaleGain Range-7 dB to +68 dBMax input level+21 dBu (unbalanced, minimum gain)Frequency Response20 Hz to 20 kHz, +/- 0.1 dB (unity gain, reference 1 kHz)Dynamic Range111 dB (A-weighted, minimum gain)THD + N0.003% (1 kHz, minimum gain)Input Impedance1M OhmsOutputsMain Out (CH 1 - 2)Connector Type2x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 Hz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBLine Out (Ch 3 - 10) | Digital Trim | -10 to +10 dB |
| Cain Range-7 dB to +68 dBMax input level+21 dBu (unbalanced, minimum gain)Frequency Response20 Hz to 20 kHz, +/- 0.1 dB (unity gain, reference 1 kHz)Dynamic Range111 dB (A-weighted, minimum gain)THD + N0.003% (1 kHz, minimum gain)Input Impedance1M OhmsOutputsDutput ImpedanceDutput ImpedanceDutput ImpedanceDutput Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBEncenter 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range-inf dB to 0 dBEncenter 1 KHzConnector Type2x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range-inf dB to 0 dBEncenter 1 KHzMax Output Level+21 (A-weighted)THD + N0.001% (1 kHz, +4 dBu) | Instrument In (Ch 1 - 2) | |
| HannageHannageMax input level+21 dBu (unbalanced, minimum gain)Frequency Response20 Hz to 20 kHz, +/- 0.1 dB (unity gain, reference 1 kHz)Dynamic Range111 dB (A-weighted, minimum gain)THD + N0.003% (1 kHz, minimum gain)Input Impedance1M OhmsOutputsMain Out (CH 1 - 2)Connector Type2x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Oynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBLine Out (Ch 3 - 10)Connector Type8x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBPerepuency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBPerepuency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range11 dBu (S0 Ohms)Trim Range-inf dB t | Connector Type | 2 x 1/4-inch Female |
| Frequency Response20 Hz to 20 kHz, +/- 0.1 dB (unity gain, reference 1 kHz)Dynamic Range111 dB (A-weighted, minimum gain)THD + N0.003% (1 kHz, minimum gain)Input Impedance1M OhmsOutputsMain Out (CH 1 - 2)Connector Type2x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTim Range-inf dB to 0 dBLine Out (Ch 3 - 10)20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTim Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTim Range-inf dB to 0 dBRe-Amp Out (Ch 11 - 12)2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTim Range-inf dB to 0 dBHeadphone Out (1 - 2)2Output Impedance100 OhmsTim Range-inf dB to 0 dBHeadphone Out (1 - 2)2Connector Type2x 1/4-inch Female, TRSMa | Gain Range | -7 dB to +68 dB |
| Line Out (unity gain, reference 1 kHz)Dynamic Range111 dB (A-weighted, minimum gain)THD + N0.003% (1 kHz, minimum gain)Input Impedance1M OhmsOutputsMain Out (CH 1 - 2)Connector Type2x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBLine Out (Ch 3 - 10)50 OHz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBRe-Amp Out (Ch 11 - 12)Connector Type2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)Connector TypeConnector Type2x 1/4-inch Female, TRS StereoMax Output Level11 dB | Max input level | +21 dBu (unbalanced, minimum gain) |
| Dynamic Range11 / dB (A-weighted, minimum gain)THD + N0.003% (1 kHz, minimum gain)Input Impedance1M OhmsOutputsConnector Type2x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBLine Out (Ch 3 - 10)EConnector Type8x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range-inf dB to 0 dBRe-Amp Out (Ch 11 - 12)EConnector Type2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHadphone Out (1 - 2)Ex 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, ref | Frequency Response | 20 Hz to 20 kHz, +/- 0.1 dB |
| THD + N0.003% (1 kHz, minimum gain)Input ImpedanceIM OhmsOutputsMain Out (CH 1 - 2)Connector Type2x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBLine Out (Ch 3 - 10)Connector Type&x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBRe-Amp Out (Ch 11 - 12)EConnector Type2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)EOutput Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)EConnector Type2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Trim Range-inf dB to 0 dBHeadphone Out (1 - 2)EOutput Impedance100 OhmsTrim Range-inf dB to 0 | | (unity gain, reference 1 kHz) |
| Input ImpedanceIM OhmsOutputsMain Out (CH 1 - 2)Connector Type2x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBLine Out (Ch 3 - 10)East 1/4-inch Female, TRSConnector Type&x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBRe-Amp Out (Ch 11 - 12)East 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)East 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Trim Range-inf dB to 0 dBHeadphone Out (1 - 2)East 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted) <td>Dynamic Range</td> <td>111 dB (A-weighted, minimum gain)</td> | Dynamic Range | 111 dB (A-weighted, minimum gain) |
| Outputs Main Out (CH 1 - 2) Connector Type 2x 1/4-inch Female, TRS Max Output Level +18 dBu (Balanced) Frequency Response 20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz) Dynamic Range 123 dB (A-weighted) THD + N 0.001% (1 kHz, +4 dBu) Output Impedance 51 Ohms Trim Range -inf dB to 0 dB Line Out (ch 3 - 10) Connector Type 8x 1/4-inch Female, TRS Max Output Level +18 dBu (Balanced) Frequency Response 20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz) Dynamic Range 123 dB (A-weighted) THD + N 0.001% (1 kHz, +4 dBu) Output Impedance 51 Ohms Trim Range -inf dB to 0 dB Re-Amp Out (Ch 11 - 12) Connector Type 2x 1/4-inch Female, TRS Max Output Level +4 dBu (Balanced) Frequency Response 20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz) Dynamic Range 117 dB (A-weighted) THD + N 0.001% (1 kHz, +4 dBu) Output Impedance 100 Ohms Trim Range | THD + N | 0.003% (1 kHz, minimum gain) |
| Main Out (CH 1 - 2)Connector Type2x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBInterest of the second secon | Input Impedance | 1M Ohms |
| Connector Type2x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTim Range-inf dB to 0 dBLine Out (ch 3 - 10)Connector Type8x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBRe-Amp Out (Ch 11 - 12)2x 1/4-inch Female, TRSConnector Type2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHaadphone Out (1 - 2)2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted) <td>Outputs</td> <td></td> | Outputs | |
| Max Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBLine Out (Ch 3 - 10)Connector Type8x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBRe-Amp Out (Ch 11 - 12)2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)ThD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Trim Range-inf dB to 0 dBHeadphone Out (1 - 2)2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 k | Main Out (CH 1 - 2) | |
| Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBLine Out (Ch 3 - 10)Connector Type8x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBRe-Amp Out (Ch 11 - 12)2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedanc | Connector Type | 2x 1/4-inch Female, TRS |
| unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dB Line Out (Ch 3 - 10) Connector Type8x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dB Re-Amp Out (Ch 11 - 12) 2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)ThD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dB Headphone Out (1 - 2) 11 dBu (50 Ohms)Trim Range20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)Thd B (A-weighted)11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)The + N0.001% (1 kHz)Output Impedance33 Ohms | Max Output Level | +18 dBu (Balanced) |
| Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBLine Out (Ch 3 - 10)Connector Type&x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBRe-Amp Out (Ch 11 - 12)2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)ThD + N0.001% (1 kHz, +4 dBu)Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB to 0 dBHeadphone Out (1 - 2)2x 1/4-inch Female, TRSConnector Type2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Trim Range-inf dB to 0 dBHeadphone Out (1 - 2)20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)Thd B to 0 001% (1 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)The + N0.001% (1 kHz)Output Impedance33 Ohms | Frequency Response | 20 Hz to 20 kHz, +/- 0.2 dB |
| THD + N $0.001\% (1 \text{ kHz}, \pm 4 \text{ dBu})$ Output Impedance 51 Ohms Trim Range-inf dB to 0 dBLine Out (Ch 3 - 10)Connector Type $8x 1/4$ -inch Female, TRSMax Output Level $\pm 18 \text{ dBu} (Balanced)$ Frequency Response $20 \text{ Hz} to 20 \text{ kHz}, \pm/- 0.2 \text{ dB}$ (unity gain, reference 1 kHz)Dynamic Range $123 \text{ dB} (A-weighted)$ THD + N $0.001\% (1 \text{ kHz}, \pm 4 \text{ dBu})$ Output Impedance 51 Ohms Trim Range-inf dB to 0 dBRe-Amp Out (Ch 1 - 12)Connector Type $2x 1/4$ -inch Female, TRSMax Output Level $\pm 4 \text{ dBu} (Balanced)$ Frequency Response $20 \text{ Hz} to 20 \text{ kHz}, \pm/- 0.3 \text{ dB}$ (unity gain, reference 1 kHz)Dynamic Range $117 \text{ dB} (A-weighted)$ THD + N $0.001\% (1 \text{ kHz}, \pm 4 \text{ dBu})$ Output Impedance 100 Ohms Trim Range-inf dB to 0 dBHeadphone Out (1 - 2) $2x 1/4$ -inch Female, TRS StereoMax Output Level $11 \text{ dBu} (50 \text{ Ohms})$ Trim Range $20 \text{ Hz} to 20 \text{ kHz}, \pm/-0.3 \text{ dB}$ (unity gain, reference 1 kHz)Output Impedance 100 Ohms Trim Range $20 \text{ Hz} to 20 \text{ kHz}, \pm/-0.3 \text{ dB}$ (unity gain, reference 1 kHz)Output Level $11 \text{ dBu} (50 \text{ Ohms})$ Frequency Response $20 \text{ Hz} to 20 \text{ kHz}, \pm/-0.3 \text{ dB}$ (unity gain, reference 1 kHz)Dynamic Range $118 \text{ dB} (A-weighted)$ THD + N $0.001\% (1 \text{ kHz})$ Output Impedance 33 Ohms < | | (unity gain, reference 1 kHz) |
| Output Impedance51 OhmsTrim Range-inf dB to 0 dBLine Out (Ch 3 - 10)Connector Type&x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBRe-Amp Out (Ch 11 - 12)2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)ThD + N0.001% (1 kHz, +4 dBu)Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | Dynamic Range | 123 dB (A-weighted) |
| Trim Range-inf dB to 0 dBLine Out (Ch 3 - 10)Connector Type8x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBRe-Amp Out (Ch 11 - 12)2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)ThD + N0.001% (1 kHz, +4 dBu)Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | THD + N | 0.001% (1 kHz, +4 dBu) |
| Line Out (Ch 3 - 10)Connector Type8x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBRe-Amp Out (Ch 11 - 12)2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance133 Ohms | Output Impedance | 51 Ohms |
| Connector Type8x 1/4-inch Female, TRSMax Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBRe-Amp Out (Ch 11 - 12)2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBFrequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Level118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | Trim Range | -inf dB to 0 dB |
| Max Output Level+18 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBRe-Amp Out (Ch 11 - 12)Connector Type2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)EConnector Type2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range111 dBu (50 Ohms)Trim Range20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | Line Out (Ch 3 - 10) | |
| Frequency Response20 Hz to 20 kHz, +/- 0.2 dB (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBRe-Amp Out (Ch 11 - 12)Connector Type2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range1100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | Connector Type | 8x 1/4-inch Female, TRS |
| (unity gain, reference 1 kHz)Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBRe-Amp Out (Ch 11 - 12)Connector Type2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance10 OhmsTrim Range11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | Max Output Level | +18 dBu (Balanced) |
| Dynamic Range123 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBRe-Amp Out (Ch 11 - 12)Connector Type2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)Thm Range111 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | Frequency Response | 20 Hz to 20 kHz, +/- 0.2 dB |
| THD + N0.001% (1 kHz, +4 dBu)Output Impedance51 OhmsTrim Range-inf dB to 0 dBRe-Amp Out (Ch 11 - 12)2x 1/4-inch Female, TRSConnector Type2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)Connector Type2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz, 14 OL)Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | | (unity gain, reference 1 kHz) |
| Number of the term of term | Dynamic Range | 123 dB (A-weighted) |
| Trim Range-inf dB to 0 dBRe-Amp Out (Ch 11 - 12)Connector Type2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)Connector Type2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | THD + N | 0.001% (1 kHz, +4 dBu) |
| Re-Amp Out (Ch 11 - 12)Connector Type2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | Output Impedance | 51 Ohms |
| Connector Type2x 1/4-inch Female, TRSMax Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)Connector Type2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | Trim Range | -inf dB to 0 dB |
| Max Output Level+4 dBu (Balanced)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)Connector Type2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | Re-Amp Out (Ch 11 - 12) | |
| Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)Connector Type2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | Connector Type | 2x 1/4-inch Female, TRS |
| (unity gain, reference 1 kHz)Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)Connector Type2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | Max Output Level | +4 dBu (Balanced) |
| Dynamic Range117 dB (A-weighted)THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)Connector Type2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | Frequency Response | , |
| THD + N0.001% (1 kHz, +4 dBu)Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)Connector Type2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | Dumania D | |
| Output Impedance100 OhmsTrim Range-inf dB to 0 dBHeadphone Out (1 - 2)Connector Type2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | | |
| Trim Range-inf dB to 0 dBHeadphone Out (1 - 2)Connector Type2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | | |
| Headphone Out (1 - 2)Connector Type2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | | |
| Connector Type2x 1/4-inch Female, TRS StereoMax Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | - | |
| Max Output Level11 dBu (50 Ohms)Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | | Ou 1/4 inch Ferrals TDO OI |
| Frequency Response20 Hz to 20 kHz, +/- 0.3 dB (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | | |
| (unity gain, reference 1 kHz)Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | | |
| Dynamic Range118 dB (A-weighted)THD + N0.001% (1 kHz)Output Impedance33 Ohms | Frequency Response | |
| THD + N0.001% (1 kHz)Output Impedance33 Ohms | Dynamic Bange | |
| Output Impedance 33 Ohms | | |
| ····· | | |
| | | |
| | | |

| Digital I/O | |
|------------------------------|--|
| S/PDIF I/O | |
| Connector Type | 2x Phono RCA (1 in , 1 out) |
| Supported Sample Rates (kHz) | 44.1, 48, 88.2, 96 |
| ADAT I/O | |
| Connector Type | Optical TOSLINK (2 in, 2 out) |
| Format | ADAT Digital Lightpipe with S/MUX II |
| | 16 channels at 44.1/48 kHz |
| | 8 channels at 88.2/96 kHz |
| Word Clock I/O | |
| Specification | AES-11 2009 Annex B |
| Connector Type | BNC |
| Jitter | Complies with AES 3-4- 2009 (<0.025 UI) |
| MIDI I/O | |
| Connector Type | 2x 5-pin DIN (off DB-9) |
| Synchronization Sources | |
| Sources | Internal, Word Clock, ADAT, S/PDIF |

Electrical

Connector type Configuration Power Input IEC 3-conductor receptacle Internal, Universal 100 to 240V, 50 or 60 Hz

Mechanical

| Product Dimensions | | |
|--------------------|-----------------|--|
| Length | 19" (483mm) | |
| Width | 8.6" (219mm) | |
| Height | 1.7" (44mm) | |
| Weight | 6.3lb (2.86 kg) | |
| | | |