

# TASCAM MH-8 Ultimate Headphone Amplifier for Studio/Stage

## Audio inputs and outputs

- **Input 1 and 2**  
Connector: XLR-3-31 (pin 2 hot)  
Input impedance: 56k $\Omega$   
Nominal input level: +4 dBu (1.23 Vrms)  
Maximum input level: +24 dBu (12.3 Vrms)
- **Input 1**  
Connectors: 1/4" TRS balanced phono jack  
Input impedance: 56k $\Omega$   
Nominal input level: +4 dBu (1.23 Vrms)  
Maximum input level: +24 dBu (12.3 Vrms)
- **Input 2**  
Connectors: RCA pinjacks  
Input impedance: 22k $\Omega$   
Nominal input level: -10 dBV (0.3 Vrms)  
Maximum input level: +10 dBV (3.16 Vrms)
- **Direct Input**  
Connectors: 1/4" TRS balanced phono jack  
Input impedance: 56k $\Omega$   
Nominal input level: +4 dBu (1.23 Vrms)  
Maximum input level: +24 dBu (12.3 Vrms)
- **Foldback Output**  
Connectors: 1/4" TRS balanced phono jack  
Output impedance: 94 $\Omega$   
Nominal output level: +4 dBu (1.23 Vrms)  
Maximum output level: +24 dBu (12.3 Vrms)

## Phones Outputs

Connectors: 1/4" TRS balanced phono jack Maximum output: 250mW + 250mW (32 $\Omega$ )

## Audio performance

- Frequency response: 20 Hz-50 kHz /100mW 32 $\Omega$ ,  $\pm$ 3 dB (Phones outputs)  
10 Hz-100 kHz,  $\pm$ 3 dB (Foldback outputs)
- S/N ratio: 85 dB or more (Phones outputs, A-WTD, 20kHz LPF)  
90 dB or more (Foldback outputs, A-WTD, 20kHz LPF)
- THD: 0.05% or less (Phones outputs, 100mW+1 OOmW (32 $\Omega$ ), 20Hz HPF and 20kHz LPF)  
0.007% or less (Foldback outputs, 20Hz HPF and 20kHz LPF)
- Channel separation: 50 dB or more (Phones outputs, within a channel, A-WTD, 20kHz LPF, 1 kHz nominal input, 32 $\Omega$  termination)  
90dB or more (Foldback outputs, A-WTD, 20kHz LPF, 1kHz nominal input, 6000 termination)
- Crosstalk: 65dB or more (Phones outputs, A-WTD, 20kHz LPF, 1kHz nominal input, 32 $\Omega$  termination)

## General / Power supply

- AC: 120-240V, 50-60 Hz
- Power consumption: 36 W
- Dimensions (W x H x D): 19" x 1.73" x 11" (481 x 44 x 280mm)
- Weight: 8.4 lbs. (3.8 kg)