

PRODUCT OVERVIEW



INTRODUCTION

TASCAM's MH-8 is the ultimate headphone amplifier for studio, stage and installation. Each of the eight stereo outputs gets 250mW per side with three switchable sources available.

Two balanced stereo inputs can be shared to any of the eight outputs. In addition, an individual stereo direct input is available for each of the eight output channels. A headphone out can select any one of these inputs, or mix several together. A mono switch is provided for simple one-ear headphone mixdowns, and a set of foldback outputs allow you to chain other MH-8s into a system.

For the ultimate in routing flexibility and power, nothing beats the MH-8 headphone amp from TASCAM.

FEATURES

- (8) stereo 1/4" headphone outputs
- 250mW + 250mW @ 32ohm per channel
- Each headphone output switchable to input 1, input 2 and direct input source (or a combination of the three)
- Master input gain controls
- (16) 1/4" TRS balanced direct inputs
- (4) XLR balanced inputs (Channels 1 & 2)
- (2) 1/4" TRS balanced inputs (Chan 1)
- (2) RCA unbalanced inputs (Chan 2)
- (4) TRS balanced foldback outputs
- Ground lift switch and terminal

SPECIFICATIONS

Audio inputs and outputs

Input 1 and 2

Connector: XLR-3-31 (pin 2 hot)
Input impedance: 56k Ω
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 Ω
Nominal input level: +4 dBu (1.23 Vrms)
Maximum input level: +24 dBu (12.3 Vrms)

Input 2

Connectors: RCA pin jacks
Input impedance: 22k Ω
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 Ω
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 Ω
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 Ω)

Audio performance

Frequency response: 20 Hz–50 kHz / 100mW 32 Ω ,
±3 dB (Phones outputs)
10 Hz–100 kHz, ±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+100mW (32 Ω), 20Hz HPF and
20kHz LPF)
0.007% or less (Foldback outputs, 20Hz HPF
and 20kHz LPF)
Channel separation: 50 dB or more (Phones out-
puts, within a channel, A-WTD, 20kHz LPF,
1kHz nominal input, 32 Ω termination)
90dB or more (Foldback outputs, A-WTD,
20kHz LPF, 1kHz nominal input, 600 Ω ter-
mination)
Crosstalk: 65dB or more (Phones outputs, A-
WTD, 20kHz LPF, 1kHz nominal input, 32 Ω
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)