

PRODUCT OVERVIEW



INTRODUCTION

The **TASCAM LM-8ST** is a 1-space rackmountable line mixer for installation, studio submixing, keyboardists or anyone looking for a great-sounding mix.

Eight pairs of balanced 1/4" TRS inputs - switchable from +4 or -10dB - can be bussed to a pair of XLR balanced outputs, labeled ST1 and ST2/AUX. Pre or post-fader bussing is available for the alternate buss, and master output level controls and metering keep signals under control. A microphone input is also provided for announcements or performance.

Packed with high-quality audio components, the TASCAM LM-8ST is perfect for any live performance or installation.

FEATURES

- 8 stereo channel / 4-buss line mixer
- (8) stereo 1/4" TRS balanced inputs with -10/+4dB switch
- 1U rack mountable
- Mic input with trim control on front panel
- 2-segment LED meter per channel
- ST1 and ST2/AUX level control per channel
- ST1 and ST2/AUX master level controls
- Each channel switchable to ST2 (pre fader) or AUX (post) output
- 1/4" and 1/8" stereo headphone outputs
- XLR balanced outputs for ST1 and ST2/AUX
- Stereo balanced buss output/input for cascade
- Ground lift switch and terminal

SPECIFICATIONS

Audio inputs and outputs

Microphone input

Connector: XLR-3-31 (pin 2 hot)
 Input impedance: 2.4k Ω
 Nominal input level: -58 dBu (1 mV) – 12dBu (195 mV)
 Maximum input level: +10 dBu (2.45 Vrms)

Stereo Inputs

Connectors: 1/4" TRS balanced phono jack
 Input impedance: 16k Ω
 Nominal input level: +4 dBu (1.23 Vrms)
 Maximum input level: +24 dBu (12.3 Vrms)

Master Buss Input

Connectors: 1/4" TRS balanced phono jack
 Input impedance: 16k Ω
 Nominal input level: +4 dBu (1.23 Vrms)
 Maximum input level: +24 dBu (12.3 Vrms)

ST1 and ST2 / Aux Outputs

Connector: XLR-3-31 (pin 2 hot)
 Input impedance: 94 Ω
 Nominal output level: +4 dBu (1.23 Vrms)
 Maximum output level: +24 dBu (12.3 Vrms)

Connector: RCA pin jacks
 Input impedance: 200 Ω
 Nominal output level: -10 dBV (0.3 Vrms)
 Maximum output level: +10 dBV (3.16 Vrms)

Buss 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 Output

Connectors: 1/4" TRS stereo phono jack and
 3.5mm (1/8") stereo mini jack
 Maximum output level: 250mW + 250mW (32 Ω)

Audio performance

Frequency response: 20 Hz–50 kHz \pm 3 dB (Phones outputs)
 10 Hz–100 kHz, \pm 3 dB (Each Buss output)
 S/N ratio: 80 dB or more (Phones outputs, A-WTD, 20kHz LPF)
 80 dB or more (Each Buss output, A-WTD, 20kHz LPF)
 THD: 0.07% or less (Phones outputs, 100mW+100mW (32 Ω), 20Hz HPF and 20kHz LPF)
 0.03% or less (Each Buss output, 20Hz HPF and 20kHz LPF)
 Channel separation: 50 dB or more (Phones outputs, within a channel, A-WTD, 20kHz LPF, 1kHz nominal input, 32 Ω termination)
 70dB or more (Each Buss output, A-WTD, 20kHz LPF, 1kHz nominal input, 600 Ω termination)
 Crosstalk: 65dB or more (Each Buss output, A-WTD, 20kHz LPF, 1kHz nominal input, 600 Ω termination)

General / Power supply

AC: 120-240V, 50-60 Hz
 Power consumption: 15 W
 Dimensions (W x H x D): 19" x 1.73" x 11" (482 x 44 x 280mm)
 Weight: 8.4 lbs. (3.8 kg)