

# TASCAM LM-8ST 1-Space Rackmountable Line Mixer

## Audio inputs and outputs

- **Microphone input**  
Connector: XLR-3-31 (pin 2 hot)  
Input impedance: 2.4k $\Omega$   
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 $\Omega$   
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 $\Omega$   
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: 940  
Nominal output level: +4 dBu (1.23 Vrms)  
Maximum output level: +24 dBu (12.3 Vrms)
- **Connector: RCA pin jacks**  
Input impedance: 2000  
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: 940  
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 (320)

## 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+1 OOmW (320), 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, 1 kHz nominal input, 320 termination)  
70dB or more (Each Buss output, A-WTD, 20kHz LPF, 1kHz nominal input, 6000 termination)
- Crosstalk: 65dB or more (Each Buss output, A-WTD, 20kHz LPF, 1kHz nominal input, 6000 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)