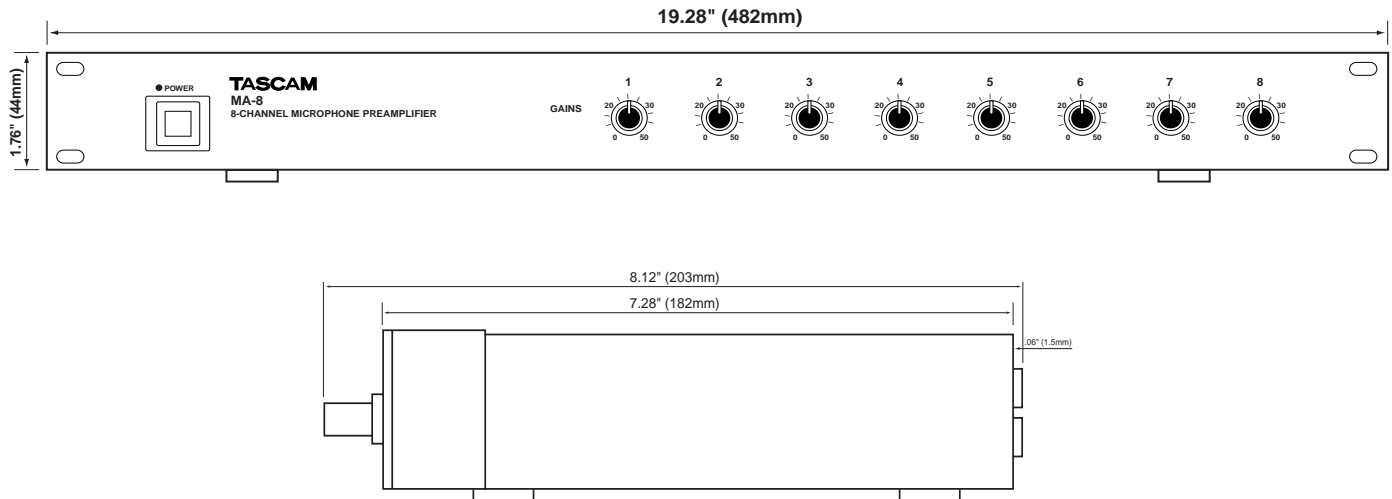


MA-8



The Shortest Path Between the Performer and a High-Quality Recording

You've heard it said many times before, "The shortest path between points A and B is a straight line." Well, in the recording arts it's not much different. Many recording engineers prefer to use microphone preamps so they can patch directly into the recorder and bypass the various gain stages typically encountered when going through a mixer. It's that "straight line" approach that frequently yields cleaner tracks and a wider comfort zone for the engineer. If you're that "straight line" type, then you need TASCAM's all-new MA-8 8-channel microphone preamp.

The TASCAM MA-8 is a high-quality microphone preamp that features 8-channels. This 8-channel capability offers tremendous flexibility for a variety of recording applications. Not only can the MA-8 handle 8-channels of audio simultaneously and feed those mic signals directly into your modular digital multitrack — it can also be used as a means of adding additional XLR mic inputs to virtually any

mixer! And as it bears the TASCAM name, you know it comes with the solid construction and reliable performance that professionals have come to expect from the company that builds more recording equipment than anyone else.

Compact, Rack-mountable Design With The Functionality You Need

Encased in a 1-U rack-mountable chassis, the TASCAM MA-8 is short on space requirements and big on features. The MA-8 converts balanced XLR microphone level input signals to unbalanced line level output signals without any loss in sound quality. The MA-8's ultra low-noise integrated circuits guarantee pristine audio quality throughout the conversion process. The MA-8 can provide 48 V Phantom Power for use with high-quality studio condenser microphones and each channel's 55 dB input trim range ensures optimal level settings for a wide range of signals.

The MA-8's design is clean and simple. On the front panel you'll find the power switch accompanied by the eight 55 dB trim controls with each control identified for its corresponding channel. On the rear panel, the eight XLR microphone inputs are clearly labeled, as are the 1/4" direct output jacks. You'll find the 48 V Phantom Power switch to the right of the XLR inputs and a ground lift switch to the far right. The MA-8 means business — it's an easy-to-use, ergonomically designed, compact utility tool that no studio should be without.

The Swiss Army Knife of the Recording Studio

No matter how carefully you try to plan, there comes a time when you need more XLR mic inputs than your mixer offers. When this situation occurs, the TASCAM MA-8 is the right tool for the job! With one compact, easy-to-use unit, you can add up to 8 additional XLR mic inputs to virtually any mixer, enabling you to expand your mixer's capability for a very modest price.

Once you've used the MA-8, you'll wonder how you ever managed without it before! You'll find patching directly into your recorder not only simplifies the recording process, but enhances the quality of your vocal tracks as well. And let's face it, if your recording's lead vocal or voice-over isn't dead on, then your efforts won't get you very far. With the flexibility to patch directly into your recorder or to add additional balanced XLR mic inputs to your mixer, the new TASCAM MA-8 microphone preamp is a "must have" for every serious recording enthusiast. When it's time for the best, "Take Advantage of Our Experience" and get yourself the MA-8.

Main Features

- 8 high-quality microphone preamps in a 1-U rackmount form factor
- 55 dB Input trim control on each channel
- 8 XLR balanced microphone inputs with 48 V Phantom Power
- Eight 1/4" direct output jacks
- Ground lift switch

SPECIFICATIONS

Electronics

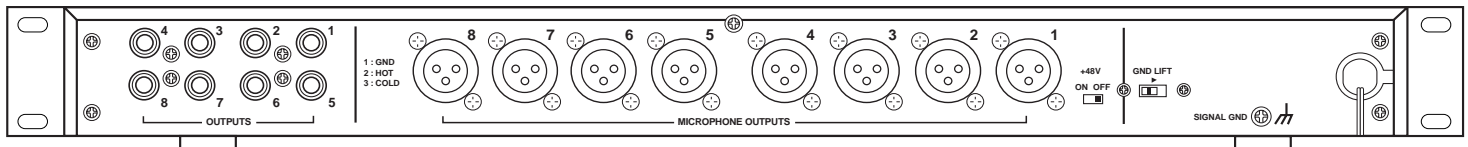
Microphone Inputs (balanced, XLR-type x8)	
Input Impedance:	2.2 kohms
Nominal Input Level:	-57 dBm to -2 dBm
Trim Range:	55 dB
Outputs (unbalanced, 1/4" phone jack x8)	
Output Impedance:	100 ohms
Load Impedance:	1 kohms
Nominal Output Level:	-2 dBu
Maximum Output Level:	22 dBu
Power Requirements:	
USA/Canada:	120 V AC, 60 Hz
U.K./Europe:	230 V AC, 50 Hz
Power Consumption:	9 Watts
Weight:	2.7 kg (5 15/16 lbs)
Dimensions (W x H x D)	482 x 48 x 203 mm (19" x 1 7/8" x 8")

Typical Performance

Equivalent Input Noise (DIN AUDIO, GAIN MAX, terminated in 150-ohm load):		128 dBm
Noise Level (IHF-A, terminated in 150-ohm load)		
GAIN Min.:	Less than -100 dBV (7.8 mV)	
GAIN Max.:	Less than -77 dBV (110 mV)	
CMRR		
(Common Mode Rejection Ratio):		Better than 75 dB (at 1 KHz)
Total Harmonic Distortion:	Less than 0.013% (at 1 KHz)	
Crosstalk:	Better than 75 dB (at 1 KHz, terminated in 150-ohm load)	

• In these specifications, 0 dBV is referenced to 1.0 Vrms, and 0 dBm (bal.) / 0 dBu (unbal.) is referenced to 0.755 Vrms. Actual voltage for -100 dBV (7.75 mV) is rounded up to 7.8 mV.

• Changes in specifications and features are subject to change without notice or obligation.



MA-8 Rear Panel



For more information about other TASCAM FAXBACK literature, call 1-800-827-2268.



Take advantage of our experience.