

**TURNSTILEAUDIO**



**Platform Series**

**TAP100MP**

**Microphone Preamplifier**

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## ⚠ Important Safety Instructions

- Please read, follow, and keep all directions.
- Do not expose the microphone preamplifier to extreme heat or cold.
- Do not expose the microphone preamplifier to damp or wet conditions such as rain.
- Do not expose the microphone preamplifier to excessive foreign particles as dirt or dust.
- Do not use any harsh chemical solvent to clean the microphone preamplifier. Do not attempt to disassemble the microphone preamplifier as Turnstile Audio is not responsible for any damage caused.
- Do not attempt to modify the microphone preamplifier as Turnstile Audio is not responsible for any damage caused by modifications.
- Keep the microphone preamplifier in the box when it is not use.
- To clean the microphone preamplifier use a dry cloth, do not use a damp cloth.

Exposure to extremely high noise levels may cause permanent hearing loss. Individuals vary considerably in susceptibility to noise-induced hearing loss, but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a period of time. The U.S. Government's Occupational Safety and Health Administration (OSHA) has specified the permissible noise level exposures shown in the chart. According to OSHA, any exposure in excess of these permissible limits could result in some hearing loss:

### Noise Exposure Limits

Exposure Time	NIOSH	OSHA
	dB SPL	dB SPL
8 hrs	85	85
4 hrs	88	90
2 hrs	91	95
1 hr	94	100
30 min	97	105
15 min	100	110
7.5 min	103	115
3.75 min	106	120
> 2 min	109	-
> 1 min	111	-

**NIOSH** The National Institute for Occupational Safety and Health.

**OSHA** Occupational Safety and Health Administration.

**dB SPL** Decibel sound pressure level.

## Introduction

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Thank you for choosing the Turnstile Audio Platform Series TAP100MP microphone preamplifier. The TAP100MP is ideal for increasing the output signal from dynamic and passive ribbon style microphones by 25dB. It allows you to have more headroom on your audio interface, handheld recorder, or audio mixer.

By boosting your microphone's audio levels without increasing the gain, it also keeps out unwanted noise, letting you reach a desirable sweet spot. The TAP100MP microphone amplifier operates on 48V phantom power, but it does not pass phantom power to the microphone itself. Its aluminum housing is durable and lightweight.

## Mic Preamp Connections & Setup

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1. Input Jack: Use a 3-pin XLR cable to connect the TAP100MP output of your passive ribbon or dynamic microphone.
2. Output Jack: Use a 3-pin XLR cable to connect the TAP100MP to an XLR cable then connect to your audio device.
3. Turn on the 48v phantom power on your audio interface, handheld recorder or audio mixer.
4. Adjust the levels (gain) on your audio device.

Note: You can connect the microphone directly to the TAP100MP's input jack or you can use an XLR cable in between the preamp and mic if you don't have enough room for the TAP100MP to be directly connected to the microphone.

# Specifications

Gain	25dB
Frequency Response	20Hz-20kHz
Input Impedance	22kn
Noise	<1 mv

## Customer Service

Turnstile Audio  
42 West 18th Street  
New York, NY 10011  
1 (800) 223-2500

## **Turnstile Audio 2 Year Limited Warranty**

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Turnstile Audio warrants to the original purchaser that your Turnstile Audio product shall be free from defects in material and workmanship for the period of two (2) years from the date of purchase (or delivery as may be required in certain jurisdictions), or thirty (30) days after replacement, whichever comes later.

Turnstile Audio's entire liability and your exclusive remedy for any breach of warranty shall be, at Turnstile Audio's option, to repair or replace the hardware, provided that the hardware is returned to the point of purchase or such other place as Turnstile Audio may direct with a copy of the sales receipt or dated itemized receipt.

Turnstile Audio may, at its option, replace your product, offer to provide a functionally equivalent product, or repair any product with new, refurbished or used parts as long as such parts are in compliance with the product's technical specifications.

Any replacement hardware product will be warranted for the remainder of the original warranty period or thirty (30) days, whichever is longer, or for any additional period of time that may be applicable in your jurisdiction.

If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover problems or damage resulting from accident, abuse, misapplication, or any unauthorized repair, modification or disassembly, improper operation or maintenance, normal wear and tear, or usage not in accordance with product instructions or connection to improper voltage supply, use of consumables, such as replacement batteries, not supplied by Turnstile Audio, except where such restriction is prohibited by applicable law.

Except where prohibited by applicable law, this warranty is nontransferable and is limited to the original purchaser and the country in which the product was purchased.

This warranty gives you specific legal rights, and you may also have other rights, including a longer warranty duration that may vary under local laws.

To start a warranty claim contact the Turnstile Audio Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Turnstile Audio, along with the RMA number and proof of purchase.

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