

# TURNSTILEAUDIO



**Station Series**  
**TASC500**

**Mini Condenser**  
**Shotgun Microphone**

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## Important Safety Instructions

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

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

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 purchasing the Turnstile Audio Station Series TASC500 Mini Condenser Shotgun Microphone. It's designed for cameras, smart devices and laptops giving mobile content creators premium sound quality while shooting on-the-go.

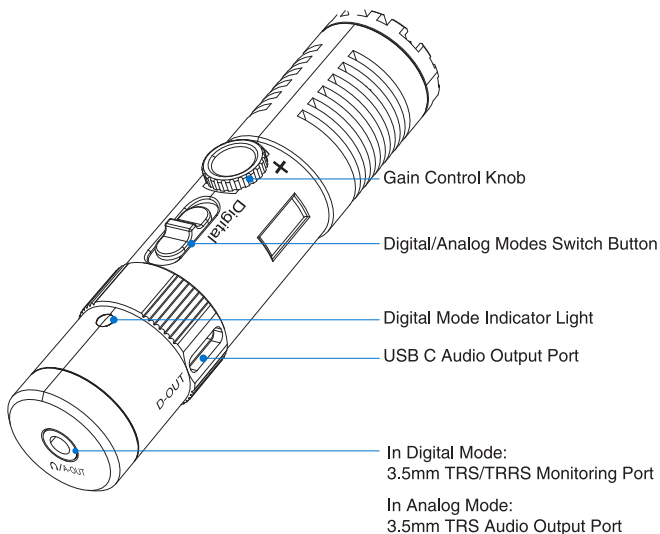
The lightweight shot gun microphone mounts directly on your camera or smart device so you can connect the mic's audio output or digital out right into your camera or smart device. Record how-to tutorials, make video-on-the-go, document live events, or capture any other creative endeavor with ease.

The step less gain control on the mic lets you dial in your audio levels easy and quickly plus you can monitor directly from the microphone's audio output while in digital mode. The cardioid polar pattern captures what's directly in front of the camera so you can just point and shoot.

The included cold shoe shock mount prevents the mic from picking up extraneous handling noise, while the high-quality fuzzy windsock keeps unwanted background noise at bay. Best of all, the microphone does not need an additional microphone pre-amplifier: just plug it in and go create.

## Microphone Controls & Outputs

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## How to Select the Analog Mode

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Using the Digital/Analog Mode Switch button, move it the Analog position.

Digital



In this mode you can use the 3.5mm TRS to TRS or 3.5mm TRS to TRRS audio cable for audio output to your camera or smart device.

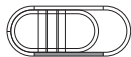


## How to Select the Digital Mode

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Using the Digital/Analog Mode Switch Button, move it the Digital position.

Digital

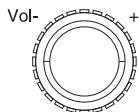


Analog

## How to Adjust Microphone's Gain Setting

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Turn clockwise to increase the volume Turn counterclockwise to reduce the volume.



### USB C Audio Out Port

The microphone's audio signal can be sent digitally via the USB C port with the provided USB C cable.

This allows you send the signal to smart devices and computers. For iOS devices you can use the included USB C to Lightning adapter.

### D-OUT

When the connection is successfully, the digital mode indicator light will be lit on if the digital mode indicator light is not on, it may be caused by compatibility issue.



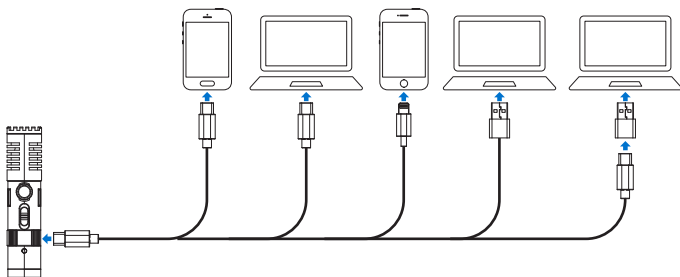
The 3.5mm Analog out can be used to monitor the microphone's audio signal when the Audio Mode Out is set to Digital.



 / A-OUT

## How to Use the USB C Out with Smart Devices & Computers

- First select Digital on the Audio Mode switch.
- Then connect the provided USB C cable to the digital out USB C on the microphone.
- Then connect the USB C cable to your device to begin recording the audio signal in your desire program or app.

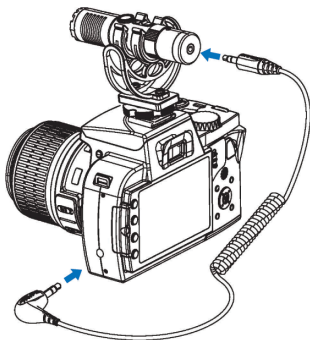
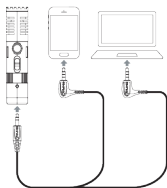


Note: If you are trying to connect to smart devices or computers that do not have USB C port, use the included USB C to Lightning adapter (iOS)) or third party USB C to USB A adapter.

## Connecting Cameras and Other Devices to the 3.5mm Audio Out

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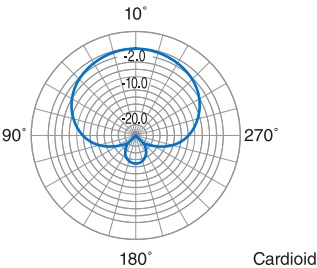
- First select Analog on the Audio Mode switch.
  - When connecting smart device and computers that have a 3.5mm audio input jack you can use the 3.5mm TRS-TRRS audio cable to connect the microphone's audio out to your device.
  - When using a camera that has a 3.5mm audio input jack you can use the 3.5mm TRS-TRS audio cable to connect the microphone's audio out to your camera.
- Note: If your smart device or computer does not have a 3.5mm jack then a 3.5mm to digital adapter may be needed, please refer to your device for details.





# Specifications

Polar Pattern	Cardioid Pattern
Frequency Response	60Hz ~ 20kHz
S/N	> 60dB
Maximum SPL	120dB
Signal to Noise	70dB
Analog	-35 ±2dB
Output Sensitivity Digital	-15dB ~ -35dB ±2dB
Working Voltage	4.75V ~ 5.25V
Output Connector	3.5mm TRS & USB-C
Dimension	1"×1¾"(22mm × 42mm)
Net Weight	1.24oz (35g)



## 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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