singtrix

INSTRUMENT & LIVE

PERFORMANCE MODE GUIDE

*(Review the Setup Manual & Quick-Start Guide first
so you are familiar with the basics)*

Support FAQ #13 www.singtrix.com

Can I use the Singtrix® karaoke machine with instruments or in live performance applications? Yes...

Singtrix requires a music signal input to establish key for tuning and harmony effects.

Singtrix can be used (in LIVE MODE) with live instruments that have a line output/headphone output, and volume control. Original recorded song compositions, live instruments including guitar and keyboards as well as a live music feed from a stage PA system can be used in place of standard karaoke tracks. Singtrix defaults to Cmaj when first powered.

Considerations:

1. The Studio Music Input requires a 3.5mm stereo connector coming from your instrument, preamp or alternate music device's line or headphone output. Depending on the cables used for the output of your instrument or device, a different cable or audio adapter may be required. For example, to plug a guitar using ¼" phono guitar cable directly into the music input, you will need an adapter that goes from a 1/4" mono phono plug to a 3.5mm male stereo plug. There are a variety of standard audio adapters and cable plug combinations on the market that can work for your specific requirements (e.g. RCA to 3.5mm stereo, left/right ¼" mono phono cable to 3.5mm stereo).

2. You will need a volume control on your instrument or alternate music device to establish the correct mix between the background music and Singtrix mic. Follow the same standard procedure as when using standard karaoke tracks from a tablet, phone or PC.

3. **LIVE MODE** - Press the SONG VOICE and MY VOICE buttons at the same time for 5 seconds while the unit is on. It will remove the latency/audio delay. This is critical when playing an instrument as the accompaniment.

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Simple Input/Output Signal Flow

INPUT ► SINGTRIX ► OUTPUT

Instrument or alternate music device
with line output or headphone output, & volume
control (Studio must be in **LIVE MODE**)

**Music/
Instrument
input**

**Speaker
Outputs
1&2**

**Mic
Inputs
1&2**

**Output to headphones,
other PA speaker system
or recording system**

**Singtrix mic or other
mic system** (other mic
systems require preamp for
individual volume adjustment;
works with wireless system)

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1
BIG TRIO
UNIVERSAL

On   Enhanced

SONG VOICE   EFFECTS   MY VOICE

MIC VOLUME   HIT EFFECT   MAIN VOLUME

Connections: Studio Effects Console

AC Power Adapter

Instrument Input
(adapter may be required; Studio must be in LIVE MODE)

Updates/New Effects

DC IN   POWER

Any Device
Any Music
Source

USB to PC
OUTPUT 1   OUTPUT 2
[To Speakers Or Headphones]

[Hit Effects On Lead Mic Only]

MUSIC IN

MIC 2   LEAD/MIC 1

Speaker Outputs 1 & 2
(adapter may be required when using with other systems)

Mic Inputs 1 & 2
(other mic systems may need an XLR to 1/4″ phono adapters & preamp for independent volume control)

Select the right audio adapter for your specific input/output

Left & Right ¼" Mono Phono Plug to 3.5mm Stereo Plug

Left & Right RCA Plug to 3.5mm Stereo Plug

¼" Mono Phono Plug to 3.5mm Stereo Plug

Left & Right RCA Plug to ¼" Mono Phono Plug

Left & Right XLR Plug to 3.5mm Stereo Plug

In-Line volume control with 3.5mm Stereo Plug

THE MOST IMPORTANT STEP! (applies to instruments)

Setting the volume mix between the microphone and music track is the <u>MOST</u> important step. This will ensure that Singtrix performs properly & optimally.

Singtrix is a pure audio experience. Improper mix levels will cause distortion, low sounding vocals, weak mic dynamics, and overall poor quality sound & performance.

The goal is to have relatively equal volumes between your microphone voice and music track. ONLY use the volume adjustment on your Music Device (PC, smart phone, tablet, instrument etc.) to set the relative music volume mix to your mic volume. DO NOT use the studio unit's mic volume for this.

NEVER attempt to raise your Music Device's volume to achieve a louder overall performance. This will cause your vocals to be lower relative to the music & distort. To adjust overall performance volume, always use the volume controls on the speaker amplifier. Refer to the Quick-Start guide for the proper procedure.

Adjust Music/Mic Mix – Use Volume on Your Music Device or Instrument

Overall Performance Volume – Use Volume on Speaker Amp

VS

Singtrix Studio Effects Console
- Music Input – balanced 1/8″ mini stereo jack (3.5mm)
- Speaker Output 1 & 2 – balanced 1/8″ mini stereo jack (3.5mm)
- Mic input 1 & 2 – ¼″ phono jack (mic 1 becomes the lead mic
- when both inputs used)
- Weight: 440g
- Dimensions: L-7.25″ x W-5.75″ x H-2.25″
- Power Input: 5V 250mA Studio AC Power Supply
- Input 100-240V, 50/60Hz 0.2A; Output 5V, 1000mA

Singtrix Microphone with Built-in "HIT" Button
- Unique "HIT" control button
- Dynamic HyperCardoid
- Impedance: is 600+/-3% ohms at 1KHz
- Output Level (at 1KHz): -52dBV +/-4dB at 1KHz/Pa (1.99mV) – 1 Pa = 94 dB SPL
- Frequency Response: 60 Hz -15kHz
- Comes with attached mic cable
- ¼″ phone connector plug (tip/sleeve/ring)
- Weight: 470g
- Dimensions: L-10″ x W-2″ x H-2″

Singtrix 2.1 Speaker
- 40 Watts
- 3″ Left & Right Mid/High Range Stereo Speakers: 200Hz to 20KHz,
- Built-in Subwoofer 20Hz to 100Hz, Size 5.25″
- Signal Input: Left & Right RCA connectors
- Weight: 5Kg
- Dimensions: L-12″ x W-13″ x H-11″
- DC input 18V, 2.8 Amps
- Speaker AC Power Supply - Input 100-240V, 50/60Hz 1.2A; Output 18V, 2800mA 15

www.singtrix.com

Go to singtrix.com for technical support for answers to many common questions, downloads including preset guides, and links to a variety of videos including setup and independent customer video posts and demos.

Singtrix YouTube Channel: https://www.youtube.com/user/singtrix

- **User Posts –** Friends & Fans Playlist:
  https://www.youtube.com/playlist?list=PL_3dlGnPgUZiud5j7mgbbmzkQYOO6geK4
  Check out customer performances and see what songs and presets everyone is using

Singtrix.com Support Page: http://www.singtrix.com/pages/support

- **Quick Start Video:** https://www.youtube.com/watch?v=0unrtD22w38
- **Unboxing & Assembly Video:** https://www.youtube.com/watch?v=NSnubfVZLSA
- **Preset Effects Booklet** – offers a guide to usage and effects characteristics for universal and extreme presets. It will also make it easier to navigate and select from the entire list of 300+ effects. Download and print copies from our site.
- **Quick FAQs** – more detailed features and options on our support page
  - Recording vocals only without music - play a chord or chord progression prior to recording to set the key of the Singtrix Studio. More details on our Support page.
  - Use an inline headphone volume adapter for a convenient way to manually adjust your music/instrument mix... or if your instrument doesn't have an adequate volume control
  - Spin the dial quickly to jump 50-75+ presets at a time
  - Save 10 presets to the favorites bank – press and hold the MIC VOLUME button for 5 seconds
  - Singtrix can be used with other mics. Recommendations for using wireless and other mic systems on our Support page. You may need a Mic preamp to balance mic gain between the Singtrix mic and other mic brands & systems.

VOXX Tech & Warranty Support

HOURS

9-5 EST *(Mon-Fri)*

CUSTOMER PORTAL

Create a customer account and log in for real-time support & incident tracking
http://voxrightnow.custhelp.com/app/home

Toll Free (800) 645-4994