

Synido Live 100

Synido Live 100 Podcast Equipment Sound Card Audio Interface Mixer User Manual

Model: Live 100

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Synido Live 100 Podcast Equipment Sound Card Audio Interface Mixer. The Live 100 is designed to enhance your audio production for live streaming, music recording, gaming, and podcasting with its versatile features and high-quality sound processing.



Image 1.1: Synido Live 100 Audio Interface Mixer and included accessories.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Premium Design:** Constructed from high-grade anodized aluminum alloy for durability and interference blocking.
- **Pro-Grade Sound:** Features a built-in high-performance DSP chip for ultra-low distortion and high signal-to-noise ratio.
- **48V Phantom Power:** Supports professional condenser microphones with 3-level noise reduction.
- **Versatile Input Options:** Includes XLR, 6.35mm (1/4"), 3.5mm (1/8") ports, and wireless input for microphones, instruments, phones, and PCs.
- **Customizable Sound Pads:** 9 programmable pads (up to 15 seconds each) for custom effects.
- **Integrated Effects:** 6 reverb modes, 6 voice effects (robot, child, boy, girl, etc.), and built-in DJ sounds.
- **Streamlined Workflow:** Real-time monitoring, dry recording, 10 precise knobs, one-touch FX, 3-level noise reduction, auto-ducking, one-click mute, and direct internal recording.
- **Ultra-Long Battery Life:** Built-in 3000mAh battery provides over 8 hours of heavy use or up to 10 hours in standard mode, with USB-C charging while in use.

2.2 Components and Controls

Familiarize yourself with the front and rear panels of the Synido Live 100.



Image 2.1: Front Panel Controls. Key controls include Microphone volume, Volume adjustment buttons, Monitor volume, Electric sound switch, Reverb type, Warm-up sound effect, Voice changer, Phantom power switch, Function buttons, and BT switch.



Image 2.2: Rear Panel Ports. Includes ON/OFF Switch, Charging port, PC/OTG port, Line out, Headphone Headset, Live 1&2, Live in, Instrument input, MIC 1, MIC 2 (XLR), and MIC 3.

3. SETUP INSTRUCTIONS

3.1 Powering On the Device

Connect the Synido Live 100 to a power source using the provided USB-C cable. The device can be powered and charged simultaneously. Press the ON/OFF switch on the rear panel to power on the unit.

3.2 Connecting Microphones

The Live 100 supports various microphone types:

- **XLR Microphones:** Connect professional condenser or dynamic microphones to the MIC 2 (XLR) port. Ensure 48V phantom power is enabled via the front panel switch for condenser microphones.
- **1/4" Dynamic Microphones:** Connect to the MIC 1 port.
- **1/8" Microphones:** Connect to the MIC 3 port.



SUPPORT UP TO 3 TYPES OF MICROPHONES



Image 3.1: Microphone connection options for the Synido Live 100.

3.3 Connecting Instruments and Other Devices

- **Instruments:** Connect guitars or other instruments to the 'Instrument input' port on the rear panel.
- **Headphones/Headsets:** Connect your monitoring headphones or headset to the 'Headphone Headset' port.
- **External Audio Sources:** Use the 'Live in' port for external audio input.
- **Output to Streaming/Recording Devices:** Use the 'Live 1&2' ports to connect to your streaming or recording device. The 'Line out' port can also be used for general audio output.
- **PC/Mobile Device Connection:** Connect the Live 100 to your computer (Windows/macOS) or mobile device via the 'PC/OTG' USB-C port.
- **Bluetooth Connection:** Activate the BT switch on the front panel to pair with a Bluetooth-enabled device for wireless audio input.



Image 3.2: Connecting an instrument to the Synido Live 100.

4. OPERATING INSTRUCTIONS

4.1 Adjusting Audio Levels

- **Microphone Volume:** Use the large 'MIC' knob to adjust the input level of your microphones.
- **Monitor Volume:** Use the large 'MONITOR' knob to control the output volume to your headphones or monitoring speakers.
- **Line In/Inst Volume:** Adjust the volume for line-in and instrument inputs using the dedicated knob.
- **Treble/Bass:** Use the 'TREBLE' and 'BASS' knobs to fine-tune the tonal characteristics of your audio.
- **Reverb Volume:** Control the overall level of the reverb effect with the 'REVERB' knob.
- **BGM Volume:** Adjust the background music volume using the 'BGM' knob.

4.2 Using Sound Effects and Voice Changers

The Live 100 features a variety of built-in effects and voice changers accessible via the front panel buttons.

- **Reverb Types:** Select from 6 reverb modes (Live, MC, Sing, Chat, Host, Mix Dry) using the 'REVERB TYPE' buttons.
- **Custom Sound Pads (BGM):** The 9 numbered pads (1-9) can be programmed with custom sound effects or background music, each up to 15 seconds long. Press a pad to trigger its assigned sound.
- **Voice Changers:** Apply various voice effects such as Boy, Girl, Child, Robot, Phone, and Warcraft using the 'VOICE CHANGER' buttons.
- **Electronic Music Tones:** Use the 'ELECTRO' button to access different electronic music tones (C, Db, D, Eb, E, F, Gb, G, Ab, A, Bb, B).



Image 4.1: Reverb Type and BGM (Custom Sound) controls.



Image 4.2: Voice Changer controls.

4.3 Advanced Functions

- **Denoise:** Press the 'DENOISE' button to activate the 3-level noise reduction feature, cleaning up your audio signal.
- **Ducking:** Enable 'DUCKING' for automatic background music fade when speaking.
- **Loopback:** The 'LOOPBACK' function allows internal routing of audio, useful for recording computer audio along with your microphone.
- **Direct Monitoring:** The 'DIRECT' button enables direct monitoring of your input signal with zero latency.
- **48V Phantom Power:** Toggle the '48V' switch ON/OFF as needed for condenser microphones.

- **Bluetooth (BT):** Use the 'BT' switch to enable or disable Bluetooth connectivity.



Image 4.3: Advanced function buttons including Denoise, Ducking, Loopback, and Direct.

5. COMPATIBILITY

The Synido Live 100 is compatible with a wide range of devices and operating systems, ensuring seamless integration into your existing setup.

- **Compatible Devices:** Laptop, Microphone, Personal Computer, Smartphone, Tablet.
- **Operating Systems:** Windows, macOS.
- **Supported Software:** Ableton Live, FL Studio, Pro Tools, Logic Pro, and major streaming applications.

Wide compatibility

Compatible with a wide range of apps

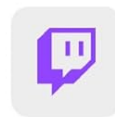


Image 5.1: Wide compatibility with various devices and applications.

6. BATTERY LIFE

The Synido Live 100 is equipped with a built-in 3000mAh battery, providing extended usage times for on-the-go production.

- **Heavy Use:** Over 8 hours of continuous operation.
- **Standard Mode:** Up to 10 hours of continuous operation.
- **Charging:** Supports charging via USB-C while the device is in use.



Image 6.1: Internal components and battery capacity of the Synido Live 100.

7. MAINTENANCE

To ensure the longevity and optimal performance of your Synido Live 100, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid abrasive cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care to prevent physical damage. Avoid dropping or subjecting it to strong impacts.
- **Connectivity:** Ensure all cables are connected securely but do not force them. Regularly check cables for wear and tear.

8. TROUBLESHOOTING

If you encounter issues with your Synido Live 100, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No sound output	Incorrect volume levels, incorrect connections, device not powered on.	Check all volume knobs (MIC, MONITOR, Line In/Inst). Ensure the device is powered on. Verify all audio cables are correctly connected to the appropriate input/output ports. Check computer sound settings.
Microphone not working	Incorrect microphone type, 48V phantom power off (for condenser mics), faulty cable.	Ensure the correct microphone type is connected to the corresponding port. For condenser microphones, activate the '48V' phantom power switch. Test with a different microphone or cable if available.
Audio interference or noise	External signal interference, high gain settings, ground loop.	Activate the 'DENOISE' function. Reduce microphone gain or input levels. Ensure all cables are properly shielded. Try connecting the device to a different power outlet.
Bluetooth not connecting	Bluetooth switch off, device not in pairing mode, distance.	Ensure the 'BT' switch is ON. Put your external Bluetooth device into pairing mode. Keep the devices within close range.

Problem	Possible Cause	Solution
Battery not charging	Faulty USB-C cable or power adapter, charging port issue.	Verify the USB-C cable and power adapter are functional. Ensure the cable is securely connected to the 'Charging port'.

9. SPECIFICATIONS


Feature	Detail
Item Weight	2.2 pounds
Package Dimensions	10.04 x 8.5 x 2.44 inches
Item Model Number	Live 100
Compatible Devices	Laptop, Microphone, Personal Computer, Smartphone, Tablet
Supported Software	Ableton Live, FL Studio, Pro Tools, Logic Pro
Operating System	Windows, macOS
Brand	Synido
Connectivity Technology	AUX, Bluetooth, USB
Number of Channels	2
Battery Capacity	3000mAh

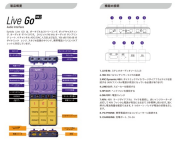
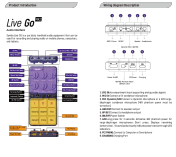



10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official Synido website. Keep your purchase receipt for warranty claims.

Synido Official Store: [Visit the Synido Store on Amazon](#)

Related Documents - Live 100

	<p>Synido Live 100 MK2 Audio Interface User Manual - Podcast Studio Equipment</p> <p>Comprehensive user manual for the Synido Live 100 MK2 audio interface, covering setup, features, application scenarios, PC control panel, and support. Ideal for live streaming, podcasting, recording, and gaming.</p>
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	<p>Synido Live GO Mk2 Audio Interface User Guide</p> <p>Comprehensive user guide for the Synido Live GO Mk2 portable audio interface, covering features, connections, troubleshooting, and precautions for streaming, podcasting, and recording.</p>
	<p>Synido Live GO MK2 Portable Audio Interface User Guide</p> <p>Comprehensive user guide for the Synido Live GO MK2, a portable handheld audio interface for recording and playback on mobile devices, computers, and tablets. Learn about its features, connections, controls, and troubleshooting.</p>
	<p>Synido Voice 100 Audio Interface User Manual</p> <p>Comprehensive user manual for the Synido Voice 100 audio interface, covering setup, features, specifications, applications, software installation, troubleshooting, and warranty information.</p>
	<p>Synido Live GO MK2 Manuale Utente: Guida Completa per Streaming e Podcasting</p> <p>Manuale utente completo per Synido Live GO MK2. Scopri le funzionalità, le connessioni, la risoluzione dei problemi e le note importanti per ottimizzare il tuo streaming, podcasting e setup audio.</p>
 	<p>Synido GOGO - Synido GOGO Mobile Sound Card Quick Start Guide</p> <p>Synido GOGO , K (Synido GOGO mobile sound card operation manual, including device function introduction, connection guides, mobile settings, application demonstrations, and FAQ to help users quickly get started with live streaming and karaoke.)</p>