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- › [iZotope](#) /
- › [iZotope Spire Studio: Portable Professional Recording System User Manual](#)

iZotope Spire Studio

iZotope Spire Studio: Portable Professional Recording System User Manual

1. OVERVIEW

The iZotope Spire Studio is a versatile, portable 8-track recording system designed for musicians and creators. It simplifies the recording and editing process, offering professional-quality audio capture and mixing capabilities in a compact, wireless device. Featuring a built-in professional microphone, two inputs with Grace Design preamps, and intelligent sound processing, Spire Studio allows users to record, edit, mix, and share tracks seamlessly via its dedicated mobile app.



Figure 1: iZotope Spire Studio in use during an outdoor recording session.

2. SETUP

2.1 Charging the Device

Before initial use, ensure your Spire Studio is fully charged. Connect the device to a power source using the provided USB cable and adapter. The LED ring will indicate charging status.

2.2 Downloading the Spire App

The Spire Studio operates in conjunction with the Spire mobile app. Download the app from your device's app store:

- **iOS:** Requires iPhone 6 or higher, or iPad with iOS 10 or higher.
- **Android:** Requires v7 or higher, and Samsung S6 or higher.

2.3 Initial Connection

Power on your Spire Studio. Open the Spire app on your mobile device. The app will guide you through connecting

to the Spire Studio via its built-in Wi-Fi signal. This wireless connection ensures stable communication for recording and mixing.

3. OPERATING INSTRUCTIONS

3.1 Device Controls



Figure 2: Top panel controls of the Spire Studio.

The Spire Studio features intuitive touch controls on its top panel:

- **Record Button:** Initiates recording.
- **Play/Pause Button:** Starts or pauses playback.
- **New Song Button:** Creates a new project.
- **Soundcheck Button:** Activates the automatic level setting feature.
- **Volume Button:** Adjusts monitoring volume.
- **LED Ring:** Displays input levels, track status, and volume.

3.2 Input Options

The Spire Studio offers multiple ways to capture audio:

- **Built-in Omnidirectional Microphone:** Captures sound from all directions, ideal for room recordings or

multiple sources.

- **XLR/TS Combo Jacks (2 inputs):** Located on the rear panel, these inputs allow connection of external microphones (XLR) or instruments (1/4" TS). They feature Grace Design preamps for high-quality signal.
- **48V Phantom Power:** Available for condenser microphones connected via XLR inputs. Activate as needed.



Figure 3: Rear panel inputs and controls.

3.3 Soundcheck Feature

The intelligent Soundcheck feature automatically sets optimal recording levels. Press the Soundcheck button on the device or in the app, then play or sing into your microphone/instrument. Spire Studio will analyze the input and adjust gain levels to prevent clipping or excessive noise. It can also intelligently detect the instrument (vocals, guitar, bass, piano, drums) and apply a custom EQ curve for enhanced tone.

3.4 Recording and Multi-tracking

Press the Record button to begin capturing audio. The Spire Studio supports up to 8 tracks, allowing you to layer instruments and vocals. The LED ring indicates which track is currently active. You can switch between tracks and record new layers directly from the device or the app.

3.5 Mixing and Effects

Within the Spire app, you can access a visual mixer to adjust track volumes and panning. Apply studio-quality creative effects like reverbs and delays in real-time during recording or playback. The app provides intuitive gestures for precise control over your mix.

3.6 Sharing Your Music

The Spire app allows instant sharing of your recorded music. You can export finished mixes (WAV, MP4, M4A) or

individual tracks (for use in other DAWs like Pro Tools or Logic) to various platforms, including social media, email, or cloud storage services.

3.7 Official Product Videos

What Makes Spire Studio Different?

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This video provides an overview of the unique features and benefits of the iZotope Spire Studio, highlighting its ease of use and professional capabilities for capturing and expanding musical ideas.

Spire Studio Feature Tour

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A detailed tour of the Spire Studio's features, including its hardware controls, input options, and how to use the mobile app for recording, mixing, and applying effects.

4. MAINTENANCE

4.1 Battery Care

The Spire Studio offers over 6 hours of recording time on a single charge. To prolong battery life, avoid extreme temperatures and store the device with a partial charge if not used for extended periods.

4.2 Cleaning

Wipe the device with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as these can damage the surface or internal components.

4.3 Software Updates

iZotope regularly releases software updates for the Spire app and firmware for the Spire Studio to introduce new features and improvements. Ensure your app and device firmware are up-to-date for optimal performance. Updates are typically managed through the Spire app.

5. TROUBLESHOOTING

5.1 Distorted or Low Volume Recordings

- **Solution:** Use the **Soundcheck** feature before recording. This automatically adjusts input gain to prevent clipping (distortion) or recordings that are too quiet.

5.2 Connectivity Issues with Spire App

- **Solution:** Ensure the Spire Studio is powered on and within range of your mobile device. Verify that your mobile device's Wi-Fi is enabled and connected to the Spire Studio's network. Restart both the Spire Studio and the app if issues persist.

5.3 No Sound from Headphones

- **Solution:** Check that headphones are securely plugged into the headphone jack. Adjust the volume using the device's volume control or within the Spire app. Ensure no tracks are muted in the app.

5.4 General Performance Issues

- **Solution:** Ensure the Spire app and device firmware are updated to the latest versions. Close other applications on your mobile device that may be consuming resources.

6. SPECIFICATIONS

Brand	iZotope
Model	Spire Studio
Connectivity Technology	Wireless (Wi-Fi)
Input Channels	2 (XLR/TS Combo Jacks with Grace Design Preamps)
Multi-track Recording	Up to 8 tracks (via Spire app)
Built-in Microphone	Omnidirectional Condenser
Phantom Power	48V (selectable)
Maximum Sample Rate	48 KHz
Item Weight	1.6 Pounds
Compatible Devices	Mobile phone (iOS: iPhone 6+, iOS 10+; Android: v7+, Samsung S6+)
Output File Formats	WAV, MP4, M4A, SPIRE, ZIP

7. WARRANTY INFORMATION

The iZotope Spire Studio comes with a **45-day warranty**. For detailed terms and conditions, please refer to the official iZotope website or contact customer support.

8. SUPPORT

For further assistance, technical support, or to access additional resources, please visit the official iZotope support website or contact their customer service team. You can also find helpful information and community forums within the Spire app.