



## Spatial Record



User Guide  
Revision 1.0

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# Spatial Record

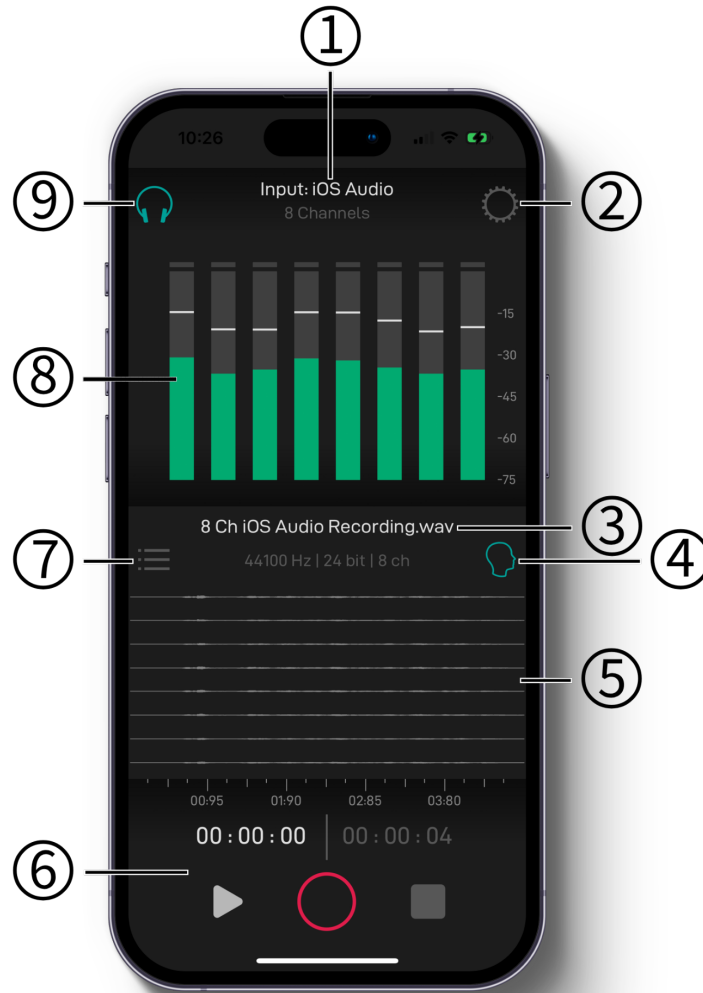
## Overview

The Spatial Record App is a user-friendly, multichannel recording tool designed for iOS, macOS and Windows. Use it to effortlessly record multichannel audio files up to 24-bit / 96 kHz from Spatial Mic USB to devices like iPhones, iPads and laptops. Spatial Mic Dante can also be recorded with the help of Dante Virtual Soundcard or other Dante interface. Audio files are saved as multichannel .wav files, which can then be easily imported into your DAW of choice for conversion with the Spatial Mic Converter plugin.

Using the Spatial Record App alongside Spatial Mic USB offers a complete solution for capturing higher-order ambisonics wherever your travels may take you. The app's intuitive design ensures quick setup, so you don't miss out on critical recordings. Additionally, Spatial Record features a DSP mode for binaural playback (for files recorded with Spatial Mic), file browser and live monitoring.

Spatial Record is available for download on the Apple App Store for iOS and macOS. Windows users can find the download on the Voyage Audio website at <https://voyage.audio/downloads>.

## Controls & Interface



### 1. Input

Displays selected input device name and the number of active input channels.

### 2. Settings

Tap or click the gear icon to open the settings menu. Tap or click the gear icon again to close the settings menu. App parameters available for configuration in this menu include:

#### a. Select Mic DSP

Select the Spatial Mic model used for audio capture. This determines which DSP is used for the binaural playback monitoring.

Spatial Mic Dante or Spatial Mic USB.

#### b. Device

Select the audio device to use.

**c. Active Output Channels**

Select which channels to use for the output

**d. Active Input Channels**

Select which channels to use for the input

**e. Sample Rate**

Set the sample rate.

**f. Audio Buffer Size**

Select the audio buffer size.

**g. User manual**

Links to this user manual

**3. File Name**

Displays the file name of the audio file selected for playback or the file name of the last audio recording. Double-click to rename the loaded file's name. The audio file's sample rate, bit depth and channel count is displayed below the file's name.

**4. DSP Mode**

Selecting the head icon will enable DSP binaural decoding of your audio recorded with Spatial Mic. You can select the model of microphone to use for the DSP rendering in the system settings. Note: you must use an 8 channel file recorded with [Spatial Mic](#) for this feature to become active and work properly.

**5. Waveform Display**

During recording the waveform of the audio will be drawn in real time as it is captured. The waveform of the selected audio file for playback will be displayed in this window. The color overlay will follow the playback progress.

**6. Transport**

**a. Play**

Plays the currently loaded audio file

**b. Record/Record Pause**

Start recording a new audio file. Selecting the record icon while recording is already in process will pause the recording. Select record again to resume recording in the current audio file.

**c. Stop**

Stops recording and playback

**d. Time display**

I. Displays the current recording time or the current playback time in HR : SEC : MIN

II. Displays the current audio file's total length in HR : SEC : MIN

**7. File Browser**

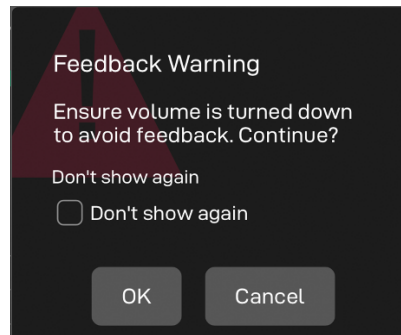
Opens a file browser to load audio files for playback. Select "Share" to export your audio files on iOS or "Set Directory" on macOS and Windows.

**8. Metering**

This section displays individual level meters with clip indication for each audio input channel selected.

### 9. Live Monitoring

Enables monitoring of the input channels through the selected output device. Live monitoring with binaural DSP is available for the 8 channel input of Spatial Mic. Please note: A warning will appear before activating this mode to remind you of the potential for loud feedback, especially if the microphone and speakers are close together.



## Installation

Spatial Record is available for download on the [Apple App Store](https://apps.apple.com/us/app/spatial-record/id1444444444) for iOS. Windows and macOS users can find the download on the Voyage Audio website at <https://voyage.audio/downloads>.



## Spatial Record Change Log

1.0.1

- Initial Release

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