Setting the Samson USB Microphones with Cakewalk's Sonar

This tutorial works for all Samson USB microphones, but for this example we choose the Samson Go Mic.

- 1) Although not always required, it's a good practice to have your Go Mic connected to your computer's USB port BEFORE you turn your computer on. Windows more effectively scans for connected hardware from boot up than when already running.
- 2) Open up Sonar and start a new project. Press P to enter your *Preferences*. Under Audio, select *Playback and Recording*. This is where you select your *Driver Mode*. WASAPI or MME-32 can be used. WASAPI can be used at lower buffer settings whereas a higher buffer setting is required for MME-32. Choose the best setting for direct monitoring from your Go Mic's headphone output. NOTE: After making any adjustments click APPLY at the bottom of the window.

Preferences						X
Audio	^	Specify audio playback and recording s	ettings.			
Devices		[2000				
Driver Settings		Driver Mode: WASAPI				
Playback and Recording		Dithering: Rectangular 🔻				
Audio Profiles		Share Drivers With Other Programs				
Configuration File		Use Multiprocessing Engine				
Sync and Caching		V Use MMCSS				
MIDI		Always Open All Devices				
Devices	E	Remove D <u>C</u> Offset During Record				
Instruments		👿 Disable Input Monitoring during Playba	зck			
Control Surfaces		Command Audition Length (seconds):	3			
Playback and Recording		Record Pre-allocate File (seconds):	0			
Drum Map Manager		Fade On Start (milliseconds):	0			
File		Ende On Sten (millioneende)				
Folder Locations		rade on stop (miniseconds).				
Audio Data						
VST Settings						
Initialization File						
Advanced						
Project						
Record						
MIDI						
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3) Now select Driver Settings. Choose the Samson Go Mic for both Playback Timing Master and Recording Timing Master. Your Audio Driver Bit Depth and Sampling Rate should be set to 16 and 44100 respectively (16-bit/44.1kHz). Here you can also select your Buffer Size. The higher the setting, the better the performance (less prone to digital clicks), however you will experience more latency (delay) during monitoring.



4) Now go to the *Devices* section and make sure to check the Samson Go Mic as your Input and Output Driver

eferences						
Audio	^	Select audio recording and playback devices.				
Devices		Check/uncheck an entry to enable/disable the driver.				
Driver Settings		Click on a friendly name to edit it.				
Playback and Recording			Driver Name			
Audio Profiles		Microphone (Realtek High Definition	Microphone (Realtek High Definition Au			
Configuration File		Microphone (Samson GoMic)	Microphone (Samson GoMic)			
Sync and Caching						
MIDI						
Devices	=					
Instruments						
Control Surfaces		Output Drivers				
Playback and Recording		Friendly Name	Driver Name			
Drum Map Manager		Realtek Digital Output (Realtek High	Realtek Digital Output (Realtek High D			
File		Speakers (Realtek High Definition Au	Speakers (Realtek High Definition Audio)			
Folder Locations		Im speakers (samson comic)	speakers (samson Goiviic)			
Audio Data						
VST Settings						
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NOTE: You MUST close out of Sonar and restart after making these changes

5) Your input and monitor levels can be adjusted by right clicking the speaker in the bottom right of your screen. *Playback and Recording Device* levels are adjusted here. Make sure the Go Mic is selected and right-click *Properties*

