ASRock Technical Reference - Q&A

(1) Q: When I record via the Microphone in Windows 10 1909, there are hissing noises from the recordings.

A: If hissing noise is heard from recordings, please choose one of the methods below to avoid hissing noise.

Method 1:

<u>Step 1.</u>

Download the Realtek high definition audio driver from the ASRock website.

*Please make sure your LAN cable is connected when installing the Realtek audio driver.

Step2:

Open the "Realtek audio console".



Technical Reference - Q&A

<u>Step 3.</u>

Turn on the **"Noise suppression reduces ambient stationary noises"** option in the Realtek audio console APP.

Realtek Audio Console	Main Volume	-	L	×
Playback Devices	Microphone Boost			
Speakers	+30 dB			
Recording Devices				
Microphone	Microphone Effects			
	Noise suppression reduces ambient stationary noises, i.e. Notebook PC fan, air condition fan noise, thus improving speech intelligibility and reducing listener fatigue.			
	AEC removes the acoustic echo counted into the microphones from the low/sneaker output thru air			
	The function will become valid starting from the next recording.			
	D foul France			
	Default Format			
	select the sample rate and bit depth to be used when running in shared mode.			
	HOUCUTZ TODIS			
Device advanced settings	S			
Information				

<u>Step 4.</u>

Once the setting above is enabled, recording quality will be improved.

Technical Reference - Q&A

Method 2:

<u>Step 1.</u>

Refer to step 1 and step 2 of method 1 to open the "Realtek audio console".

<u>Step 2.</u>

Adjust Microphone Boost to +0db.

Realtek Audio Console	
f Main	Main Volume
Playback Devices	Microphone Boost
◀ Speakers	40 dB 🖉
Recording Devices	
Microphone	Microphone Effects
	Noise suppression reduces ambient stationary noises, i.e. Notebook PC fan, air condition fan noise, thus improving speech intelligibility and reducing listener fatigue.
	• Off
	AEC removes the acoustic echo coupled into the microphones from the loudspeaker output thru air.
	Ott
	The function will become valid starting from the next recording.
	Default Format
	Select the sample rate and bit depth to be used when running in shared mode.
	48000Hz 16Bits V Reset

Device advanced settingsInformation

<u>Step 3.</u>

Once the boost value is adjusted to +0db, recording quality will be improved.

TSD-QA (2020/01)

- 5 ×