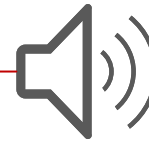


## OS Level

Triggered by WASAPI (Can be disabled)



Windows (WASAPI)  
Default audio output device  
(Loop Back)

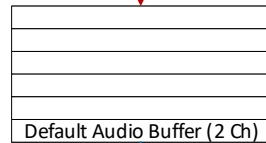
The position between OS and API is intentional.  
USB: WASAPI Device  
BT: API Implementation to OS HID

Dual Sense Controller...



## API Level

Dual Sense [0, 1, ... , N]



Default Audio Buffer (2 Ch)

\$MixParam[UNORM]



1.0f - \$MixParam[UNORM]



UNORM: Unsigned normalized  
float (0.0f to 1.0f)

Output Implementation Buffer

Triggered by WASAPI (USB)  
Triggered by regular event (BT)



Target Buffer (4 Ch)

## User Level

**IDualSenseAudioSampler  
(Audio)**

(Comes with some default  
implementations)

**IDualSenseAudioSampler  
(Haptic)**

(Comes with some default  
implementations)