

# 223

## A Guide to Getting Sound

[Rev 10/2017]

### Restart the Computer

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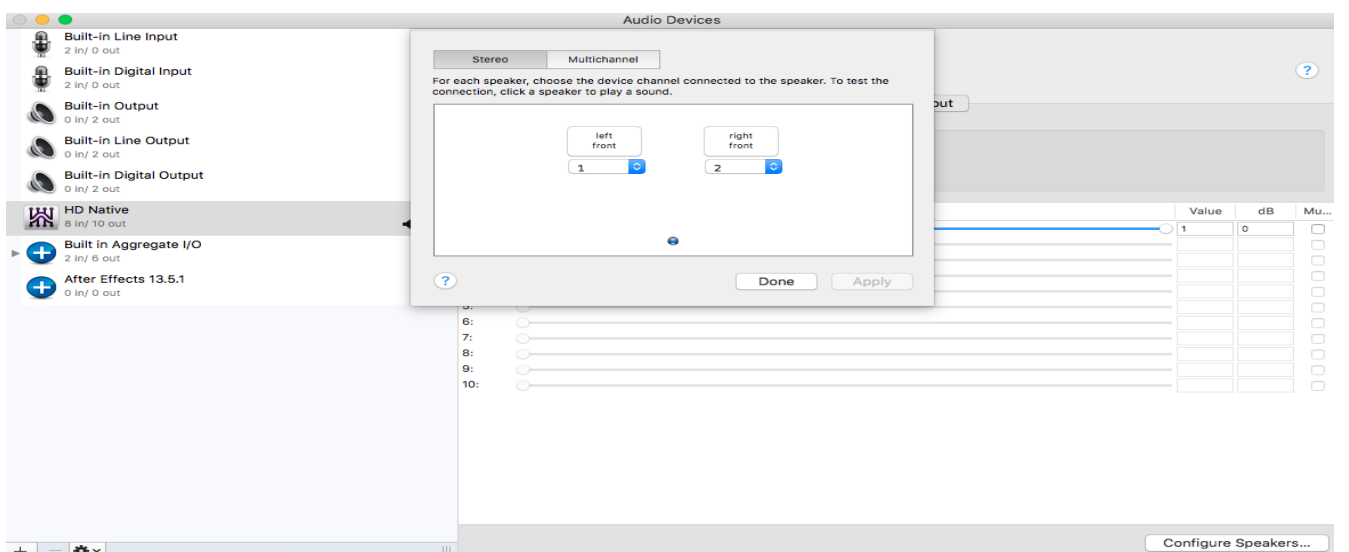
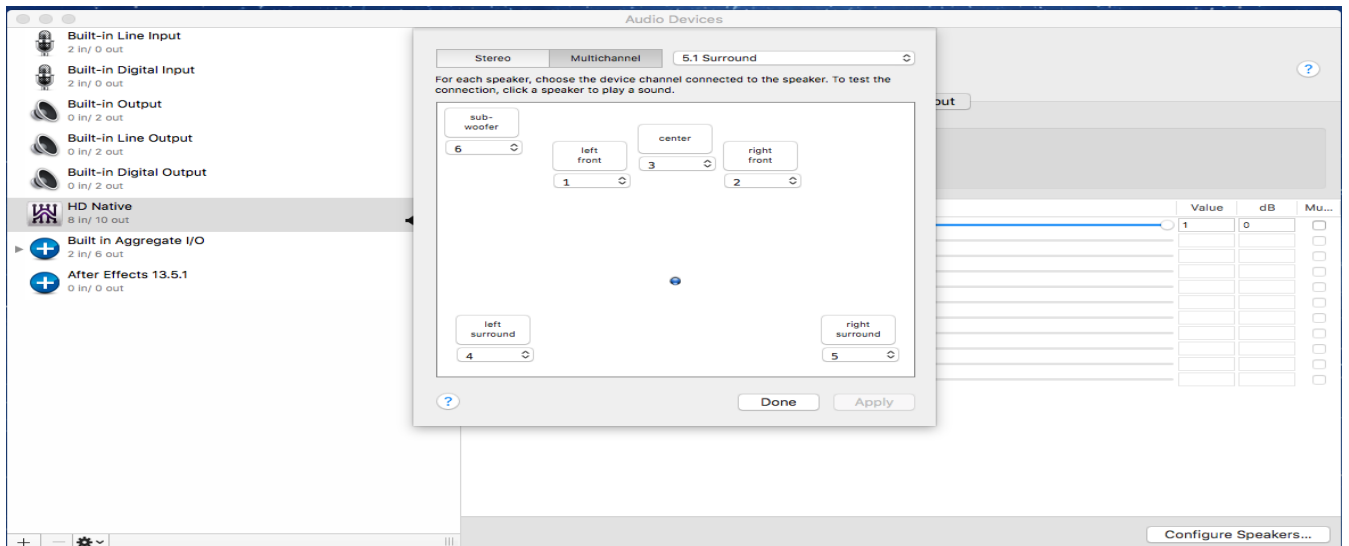
**PLEASE DO NOT REMOVE FROM 223**

# Audio MIDI Setup for 223

HD Native      Output      >      Configure Speakers      >

Use this device sound input  
Use this device sound output

Stereo | Multichannel  
L 1 R2      1L  
                 2R  
                 3C  
                 4Ls  
                 5Rs  
                 6Sub



# AvidAudioServer Hardware Settings

**Hint:** These settings are relevant even if you're not using ProTools. So check them as you start working.

You can use AvidAudioServerLauncher to view the hardware settings for AvidAudioServer. This can also be seen within ProTools at Setup>"Hardware..." Yet a third way to access this page is through "configure device" on the Audio MIDI setup page. Once there...

On the Main Tab settings should be as follows:



**Use C/24 Stereo Routing (L/R to 1/3)**

Main Tab:

Input

Output

An 1-2

Mon 1-2

An 3-4

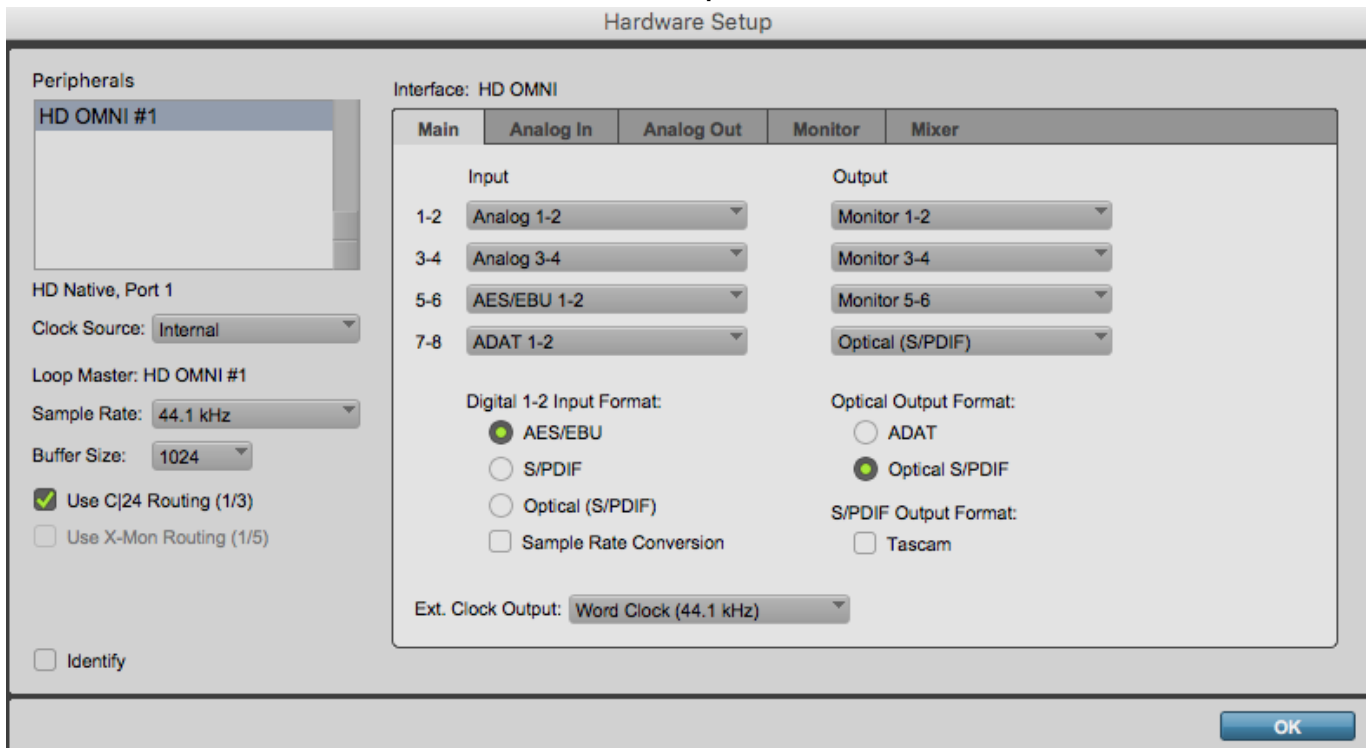
Mon 3-4

AES/EBU 1-2

Mon 5-6

ADAT 1-2

Optical



Analog Out Tab:

All set to Line +24dBu

Monitor Tab:

Analog DB 25

1 2 3 4 5 6

L C R Ls Rs LFE

5.1

Stereo

Hardware Setup

Interface: HD OMNI

Peripherals

- HD OMNI #1

HD Native, Port 1

Clock Source: Internal

Loop Master: HD OMNI #1

Sample Rate: 44.1 kHz

Buffer Size: 1024

Use C|24 Routing (1/3)

Use X-Mon Routing (1/5)

Identify

Main Analog In Analog Out **Monitor** Mixer

CR Path	Format	Fold-Down	Analog (DB-25)						AES/EBU (DB-25)						Dig				
			1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1
MAIN	5.1	Stereo	L	C	R	Ls	Rs	LFE											
ALT	Stereo	Mono							L	R									

Engage Fold-Down for MAIN

Engage Fold-Down for ALT

Control Room Fold-Down:  
Do Not Fold Down Between CR Paths

Headphone Fold-Down:  
Fold Down if Control Room is Larger than Stereo

OK

## ProTools Playback/Project Creation

- Start Session with I/O config “223 (2017)”
- Double check that your PLAYBACK ENGINE is “HD Native”

*In older versions we had an issue where “HD Native” was occasionally not available as a choice. This would happen when other software wasn’t releasing the engine. This is not really an issue anymore. But if for any reason “HD Native” is unavailable, restarting the computer will resolve most possible causes of this.*

## ProTools I/O Settings

- If you are playing back a project that has come from another system be aware that you may have to reconfigure your outputs.

For Stereo

L/R > 1/3

For 5.1

L C R Ls Rs LFE  
1 2 3 4 5 6

## Playback From Software Other than ProTools

For software that uses core audio devices but **does not give the user any audio options**, playback should be straight forward and easy as long as you've double checked a couple system wide settings already detailed earlier in this manual. Such software would include iTunes and most general use applications.

- Double check Audio MIDI setup
- Double check Hardware settings using AvidAudioServerLauncher

For stereo audio Software using Core Audio without any settings available playback will be as follows

- Output will be on HD OMNI 1 + 3
- D Command metering will be on 1 + 5

**For software that uses core audio and has audio options available** use "HD Native" as your device and output 1,2 for L,R stereo operation. Each software will have different menu structures and possibly more or less available relevant menu choices. Once you've made your selections correctly, stereo audio Software using Core Audio will behave as follows:

- Output will be on HD OMNI 1 + 3
- D Command metering will be on 1 + 5

## Specific settings for some of our available software

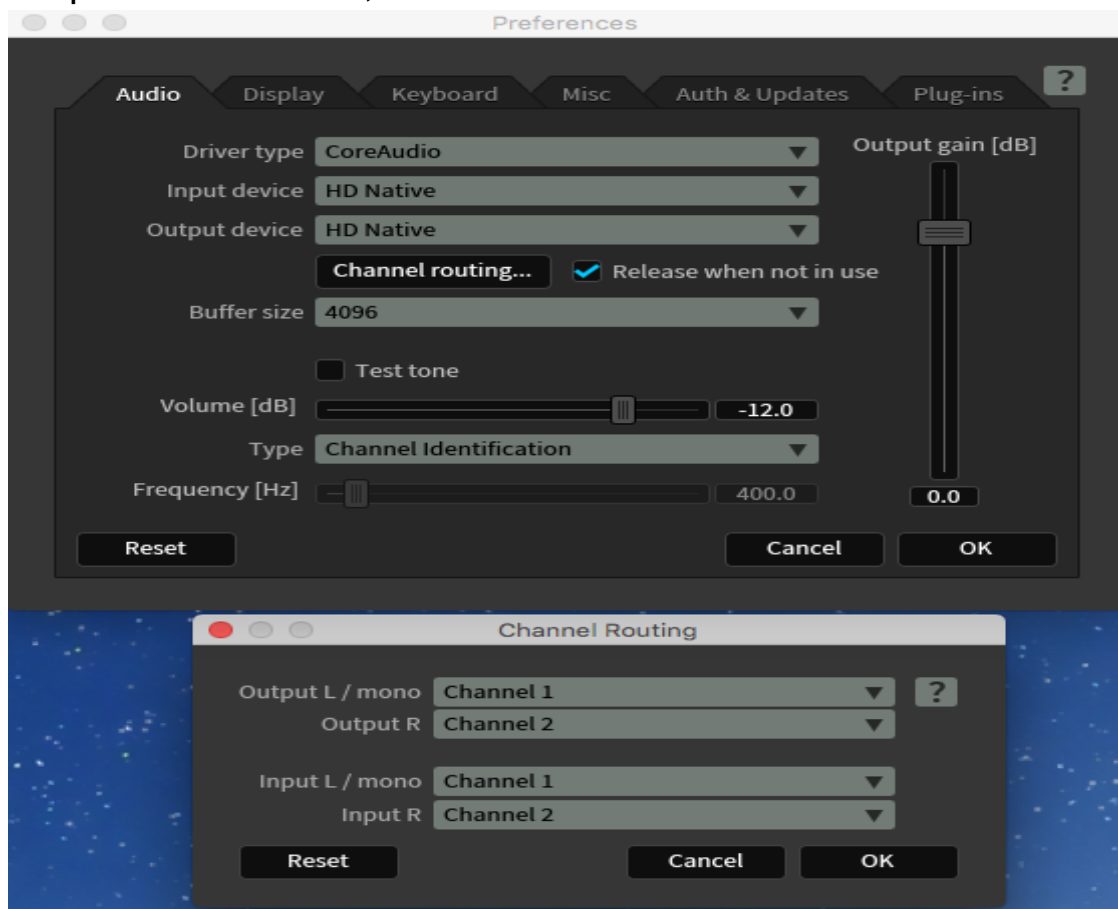
**OZone** gives the choice of devices but no routing choices. Find Edit>Audio devices> “HD Native” Simply selecting “HD Native” will default to the correct routings as long as your other settings are correct.

**RX** however does have routing options and they need to be set correctly. Go to Preferences>Audio.

Output device>“HD Native”

Input device>”HD Native”

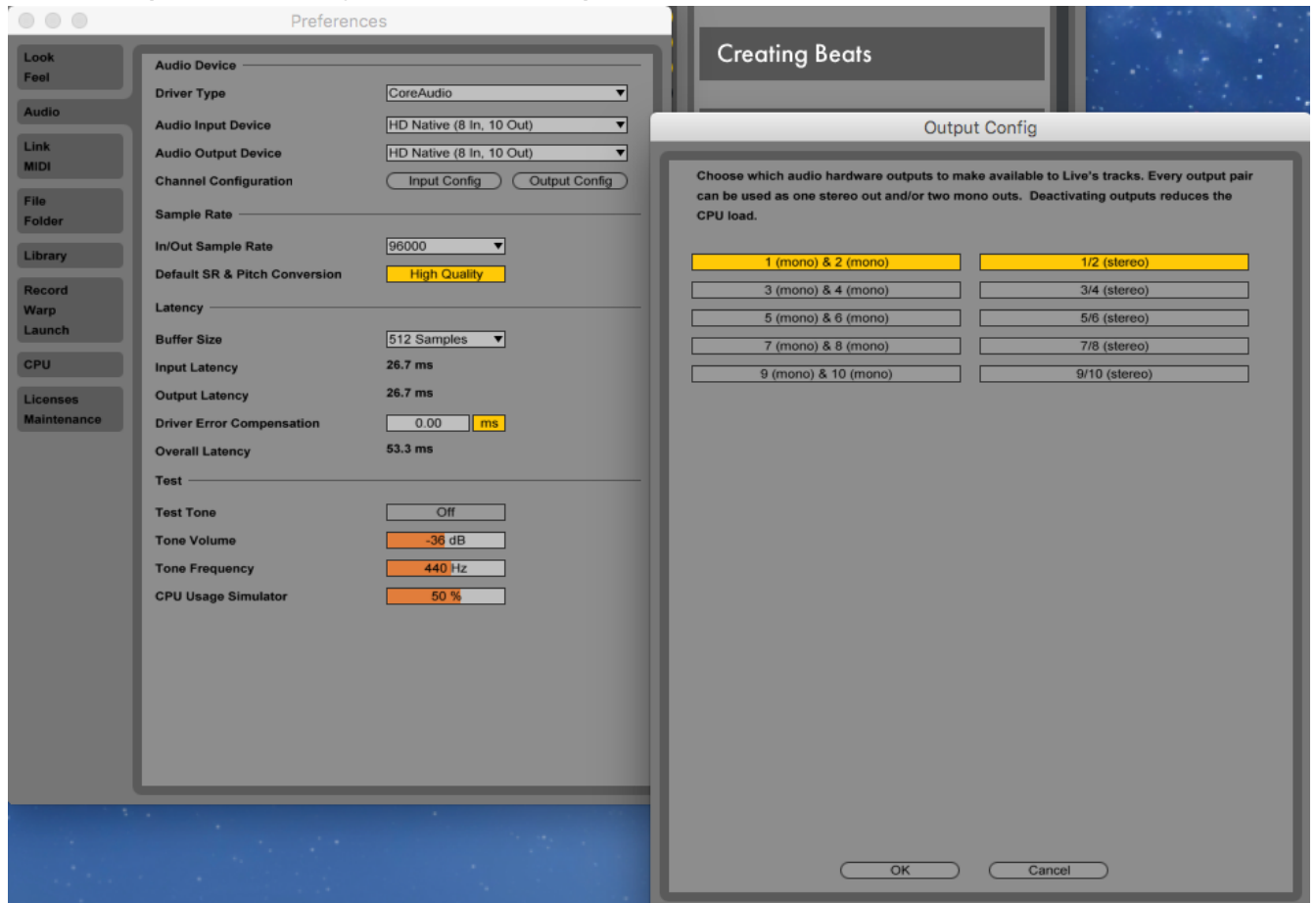
Output Channels> 1,2



For **Ableton Live** Go to Preferences>Audio. You'll find settings for input and output devices and below that access to "output config"

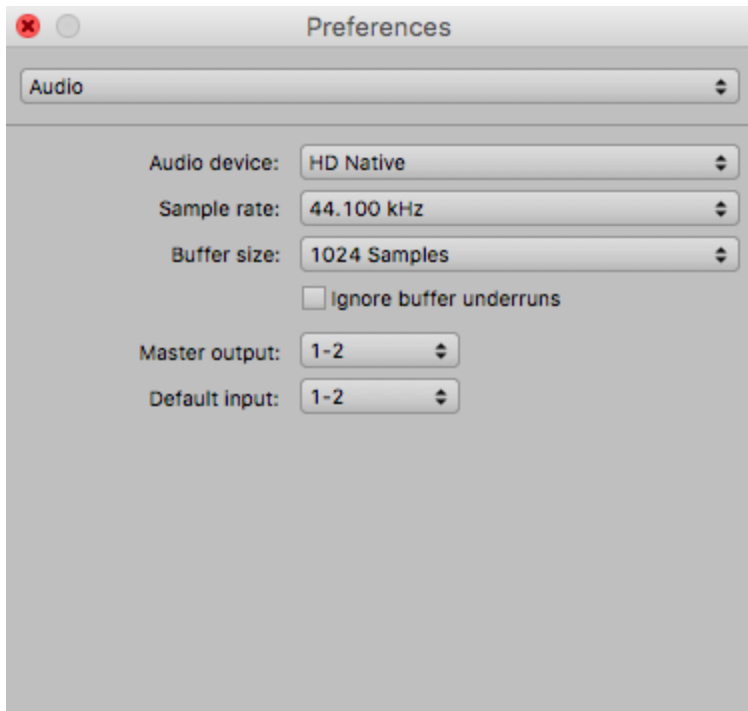
Use HD Native for your devices

Use Output 1/2 for your main outputs





For **Melodyne** under Preferences find the “Audio” page. There you can set the device to “HD Native” and the channels to “1-2”



## BD/DVD/CD Playback from OPPO

-On D Command choose “ALT Surr”

-Metering format on both D-Command + Mytek will be:

1	2	3	4	5	6	7	8
L	C		R	Rs	Ls	LFE	

- If you get no audio double check that both the APHEX and MYTEK are powered on. Also verify on MYTEK that the “Source to Analog out” is selected to be “Analog”
- The signal present LED’s on the APHEX will be active and in LCRLsRsLFE format

# Pyramix

- Choose 'AES/EBU' for source to analog on MYTEK
- Choose "ALT SURR" on D-Command