HDA-1600 Preamplifier Outputs Explained

Last Modified on 06/09/2021 11:42 am EDT

URC HDA devices and software provide countless options to configure and optimize audio settings to achieve performance and flexibility for almost any application.

One of those features is the flexibility of theHDA-1600 amplifier Preamplifier Outputs.

This article provides a better understanding when using the **Preamplifier Outputs** on the HDA-1600 and details the procedure for configuring the **Preamplifier Output** settings when using Accelerator 3 or TC Flex 2 software.

HDA Preamplifier Output "1" is permanently assigned to the Channel 1 Output of the HDA-1600. HDA Preamplifier Output "2" is permanently assigned to the Channel 2 Output of the HDA-1600. Preamplifier Outputs "1" and "2" cannot be used as an independent zone output. The Preamplifier Outputs do not require assignment to an HDA-1600 zone, as they are fixed to amplifier channels 1 and 2.

The audio properties of the Preamplifier Output match what is set for that zone in Accelerator Step 9e and TC Flex 2, Step 7e.

			Audio Settings: Zone 1LR, Bed 1600Z1LR Connect To Zone
HDA-8100(Office 810021R) HDA-130 #1(Ktch 130#171JR) HDA-100(LvRm 410021,2LR) HDA-4100(LvRm 410021,2LR) HDA-10 (Output)(Lake IOZ1) HDA-130 #2(Foye'r 130#271LR)			Zone Type: Stereo Mono Cone Output:
			Variable O Fixed
			Input Change Fade In Time: 1.5 sec Apply Global
			Volume: Max Volume: Apply Global
			Turn On Volume: O Last Used O Preset 53 %
vailable Zone Outputs			Turn On Vol. Ramp Rate: 1.5 sec - Apply Global
	Deere	Add Note	
Output	Room	Add Note	CFilter
	Bed 1600Z		Filter Off O High Pass Low Pass
	1		
Output ione 1LR	1		Off O High Pass O Low Pass Cow Pass Filter Setting

Accelerator Step 9e and TC Flex 2, Step 7e.

If a "Full Range" Line Level audio output from the Preamplifier Output is desired, set the "Max Volume" parameter to "100%" and the "Turn On Volume" to "Preset – 100%".

Do not connect speakers to the zone's speaker outputfor this zone if **ONLY** the Preamplifier Output is desired and being used. The zone's volume output is fixed at 100% using the **Turn On Volume** to **Preset** – **100%** - this will most likely damage any speaker connected to this zone.

Audio Settings: Zone 1L Mono, L	anai Connect To Zone			
Zone Type:	⊚ Mono			
Zone Output:	○ Fixed			
_ Input Change Fade In				
Volume:	Apply Global			
Max Volume:	100 % Apply Global			
Turn On Volume:				
	1.5 sec Apply Global			

Additional Information & Resources:

To learn more about HDA products and programming, please see the HDA Programmers Guide or the Accelerator 3 online Programming Guide.