HDA-4100 Preamplifier Outputs Explained

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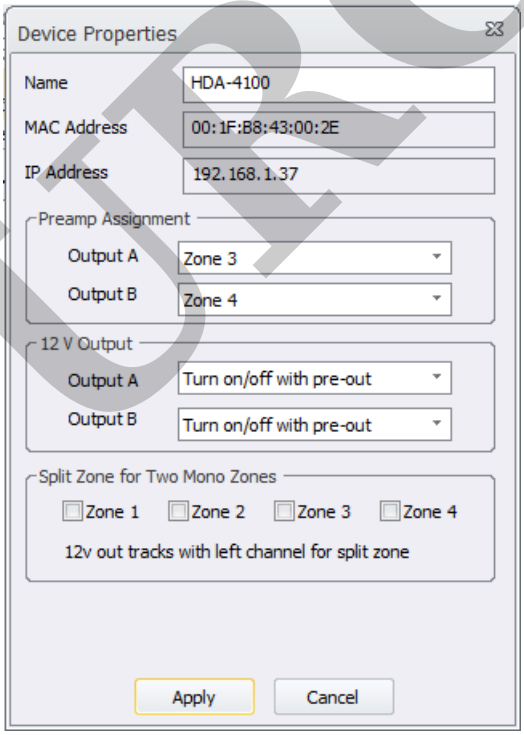
URC HDA devices and software provide countless options to configure and optimize audio settings to achieve performance and flexibility for almost any application.

One of those features is the **HDA-4100 Preamplifier Outputs**

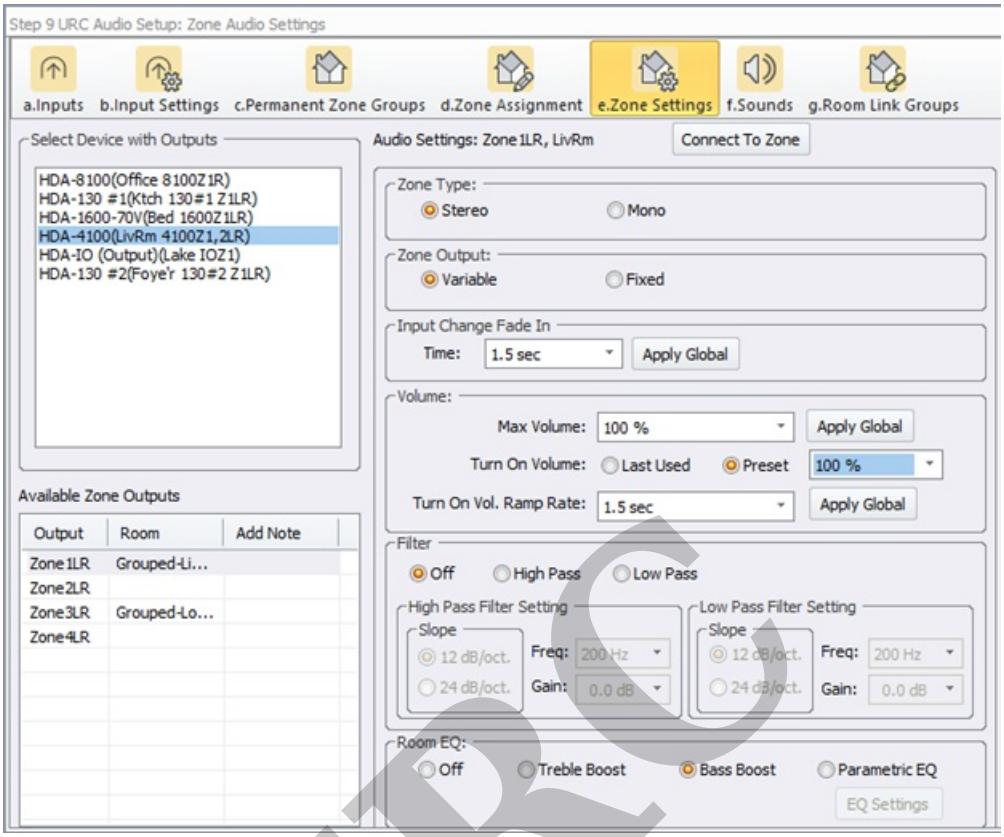
This article provides a better understanding when using the **Preamplifier Outputs** on the HDA-4100 and details the procedure for configuring the **Preamplifier Output** settings when using Accelerator 3 or TC Flex 2 software.

HDA **Preamplifier Outputs "A" and "B"** need to be assigned to one of the HDA-4100's zones. Preamplifier Outputs "A" and "B" cannot be used as an independent zone output. The Preamplifier Outputs require assignment to an HDA-4100 zone and shall "mock" that zone in audio play.

This is done in **Step 3: Add URC Devices** in both **Accelerator 3** and **TC Flex 2** software by **right-clicking** on the HDA-8100 amplifier in the **Project Tree** and selecting **"Properties":**

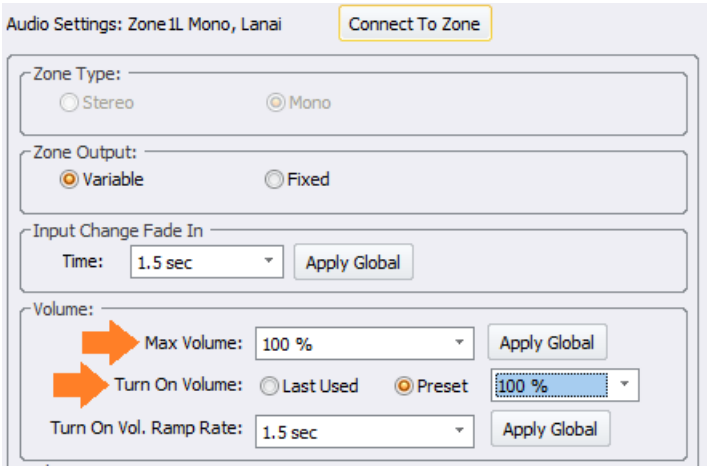


Once the Preamplifier Outputs have been assigned to a zone, the audio properties of the **Preamplifier Output** match what is set for that zone in Accelerator Step 9e and TC Flex 2 Step 7e. (see image below)



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 output for the zone that is assigned to this preamplifier output. The zone’s volume output is fixed at 100% - this will most likely damage any speaker connected to this zone. (see pic below)



Additional Information & Resources:

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