



HD1221, HD1521, HD1531, HDA POWERD SPEAKERS

Question: Can I connect this to the speaker output of an amplifier?

Answer: When setting up your HD speaker, it is very important that you DO NOT connect it to the output of an amplifier. The inputs of the HD series are made for non-powered outputs such as the main or aux outputs from a mixer. The outputs of an amp will easily damage and potentially cause a fire in just about any powered speaker such as the HD series.

Question: What is the proper method for flying or mounting the speaker?

Answer: Our engineers have designed the speaker with integrated fly points to simplify its integration into a permanent installation. Due to the inherent dangers involved in hanging or mounting these or any speakers, we strongly recommend that a qualified professional be employed in any such installation. The HD Series accepts M-10 eyebolts, which have a 1.5 mm thread diameter and 20 mm length.



Question: What is the EQ on the speaker used for?

Answer: The integrated 3-band EQ on the HD series speakers is great for minor adjustments to accommodate for the particular environment that the speakers are being used in. If your system is producing less low end in a particular room than normal, you can make up for it by turning up the Low EQ a bit. The EQ can also be used when there are limited EQ options at the audio source.

Question: The speaker hums when I connect something to its input...

Answer: The presence of a 60Hz hum in the speaker only when a connection is made to another piece of equipment suggests the presence of a ground loop. Such a loop is caused by electrical interaction of the signal grounds on two pieces of equipment, and is not necessarily an indication of broken gear. If a balanced connection to the HD speaker is being used, the simplest way to correct this problem is to lift the signal ground on the end of the connecting cable closest to the signal source. NOTE: This is not to be confused with disconnecting the safety ground on the power plug - this should be avoided at all costs, as it can present a safety hazard. If an unbalanced connection is being made to the HD, a line coupler such as the Ebtech Hum Eliminator can be used to eliminate the ground loop.



Question: Will I get output from both the A and B output jacks if I only have input into the A jack?

Answer: In order to get signal out of both the A and B jacks, you must also have signal going into the A and B Inputs.

Question: Is it normal for the speaker to "pop" when it is switched on or off?

Answer: It is normal for the HD speaker to emit a slight "pop" when it is powered up or down. The pop is caused by electricity left inside the amplifier circuitry discharging to the speaker.

Question: If the volume control is at "U" does that mean I am only getting half power?

Answer: The volume control on the HD series speakers is actually an input sensitivity control. When set to the "U" or Unity, it is not adding or subtracting any level from the source audio signal. Most sources such as a mixer will have an output that will sound best with this control at unity. When turning it higher than this, you are not gaining any more power in the speaker; rather you are lowering the headroom of the amplifier thus making it actually work harder than it needs to.



Question: What happens if the Limit light is turning on?

Answer: When the Limit light is flashing or on, this means that the amplifier is being pushed a bit too hard. If you see this happening, turn down the level control immediately until the Limit stops lighting.