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## High Pass Filter Requirements

The EVU-TK60 transformer is used with a 90Hz Butterworth 24dB/octave active high-pass filter inserted in the signal chain at the input to the driving amplifier. This filter protects the amplifier from damage caused by transformer saturation at low frequencies and allows any number of transformers to be driven on the same line, up to the rated power of the amplifier.

**CAUTION:** Failure to use the proper high-pass filter may result in damage to the amplifier.

## Tools Required

- #2 Phillips Screwdriver
- 3/16" (5mm) Flat Blade Screwdriver

## Instructions

The EVU-TK60 transformer is connected to the 4-pin Phoenix Contact connector on the back of the loudspeaker.

To **install the EVU-TK60 transformer**, do the following:

1. Remove the **EVU-TK60 transformer** from the box.
2. Remove the **4-pin connector** from the input cup.
3. Remove and set aside the **six (6) screws** from the input panel on the loudspeaker.
4. Secure the **black wire (COM)** to the negative (-) terminal of the connector.
5. Secure the **red wire (+)** to the positive (+) terminal of the connector.
6. Tighten all **remaining screws** on the connector to ensure they do not rattle during operation.
7. Reinstall the **connector** into the pins to the input cup.

**NOTE:** The connector can only be installed in one (1) direction.

8. Align the **EVU-TK60 transformer holes** to the input cup holes.

**NOTE:** Ensure the excess wires do not interfere between the cover and input cup.

9. Using the six (6) screws from in Step 3, attach the **EVU-TK60 transformer**.

**CAUTION:** This transformer affects only the loudspeaker to which it is installed. Improper connection may result in damage to the transformer, successive loudspeakers, the driving amplifier or any combination of these units.

**NOTE:** To **daisy chain additional systems**, connect one (1) wire only to each free positive (+) and negative (-) on the outside of the EVU-TK60 transformer connector.

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