

SOLIDCOREAUDIO

Binding Posts

Mounting and Maintenance Instructions

Congratulations on purchasing these silver binding posts with wood counter nuts. First of all, please do not be disappointed that these are no two-minutes instructions. You want the optimum result and lasting satisfaction from this product. Therefore, please observe the following mounting and maintenance instructions:

1. Preparing the (Loudspeaker) Cabinet

Drill through holes where desired with a diameter of 5 mm. Then use a M6 three-piece thread cutter set to cut the thread from the outside; however, for wood materials do only use the first-cut tap and the second tap. Do **not** use the second tap and the final tap. This ensures a tight fitting. For other materials, the second tap might be required. Make sure that you cut the thread deep enough.

Caution: The binding posts are not insulated and therefore not suitable for mounting in a conductive material such as a metal enclosure!

For panels less than 5 mm thick, the binding post may alternatively be secured by a counter nut. Please use a nut of unmagnetic material, e.g. brass.

2. Preparing the Binding Posts

Silver is very inert, may, however, react with traces of hydrogen sulfide contained in the air and "tarnish". This oxide layer must be removed before soldering. For this purpose, use the provided syringe with the white (silver care) cream. Put a small amount onto the provided white cloth and clean the binding post's inside and outside (you might want to use a toothpick). Then rinse with plenty of lukewarm water and let it dry thoroughly.

3. Soldering in the Connecting Wire

I recommend using solid-core wire for wiring your loudspeaker or amplifier.

Measure the required length from the connection terminal to the next component. Remove approximately 15 mm of the insulation and tin-coat this part. Bend the wire so that it is as close to the inside wall of the binding post as possible and protrudes the rear by approx. 5 mm. Fix the tube so that the heat of the soldering process may not be carried off easily. Heat the soldering with a soldering iron with at least 60 watts or a gas flame for some (5-10) seconds and add a small amount (a maximum of 5 mm) of the provided solder wire to the soldering. Neither the wire nor the tube may be moved while freezing. The soldering joint may not appear rough or dull. If required, reheat until the solder becomes liquid and add a small amount of additional solder.

Caution: By no means may solder drip on the thread!

4. Mounting the Binding Posts

Now take some of the oil from the second syringe and completely rub off the binding posts inside and outside. This protects the binding posts against reoxidizing. Use the oil sparingly! Screw the provided M6 nut and the knurled screw onto that side of the post that will remain visible and counter these using an open-end wrench. Put on the washer (red for POSITIVE and white for NEGATIVE). Now everything may be put through the prepared M6 tap hole from the outside and screwed on. Please do not apply excessive force and do not use pliers. (Should it become too tight before completely screwed in, use the second tap again.) Then the knurled screw and the nut may be removed and the wood counter nut may be screwed on.

5. Put one or two polystyrene balls into the 4 mm hole to seal the cabinet.

6. Done!

7. Connecting a Loudspeaker Wire

You may connect banana plugs, spade terminals or plain wire. In case of wire, please make sure that it is attached symmetrically in order not to put one-side strain on the counter nut! Tighten the screw only fingertight! Never use tools to tighten the screw!

8. Maintenance

From time to time you might want to apply some oil sparingly to the inner and outer contact areas.

SOLIDCOREAUDIO
Dipl.-Ing. (FH) Matthias Kurz
Rieterstrasse 8
90419 Nuremberg
Germany
Phone: +49 (0)911 9373221
www.solidcoreaudio.com