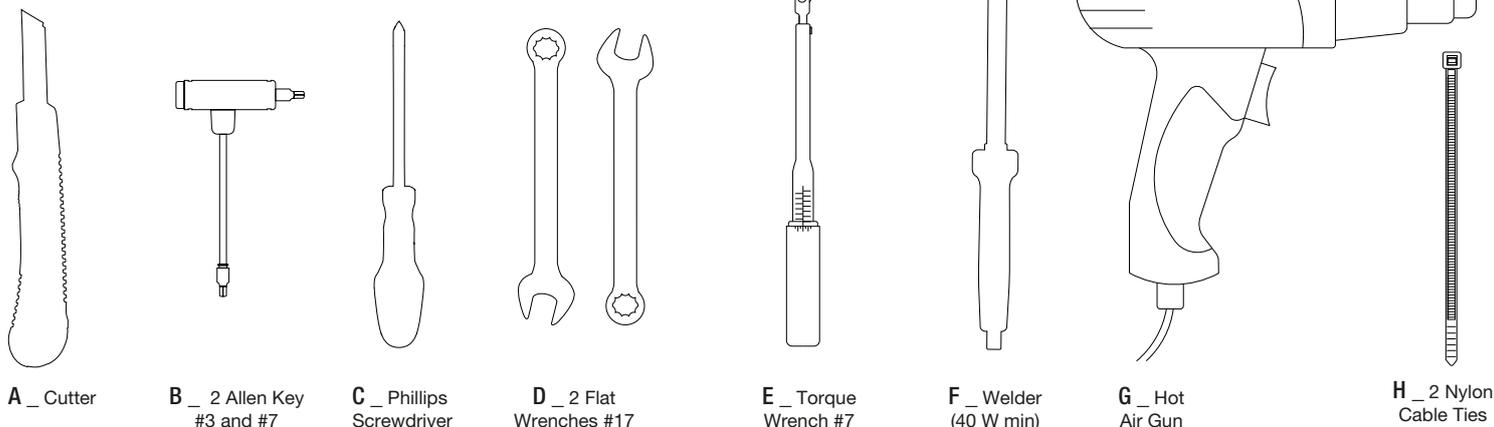
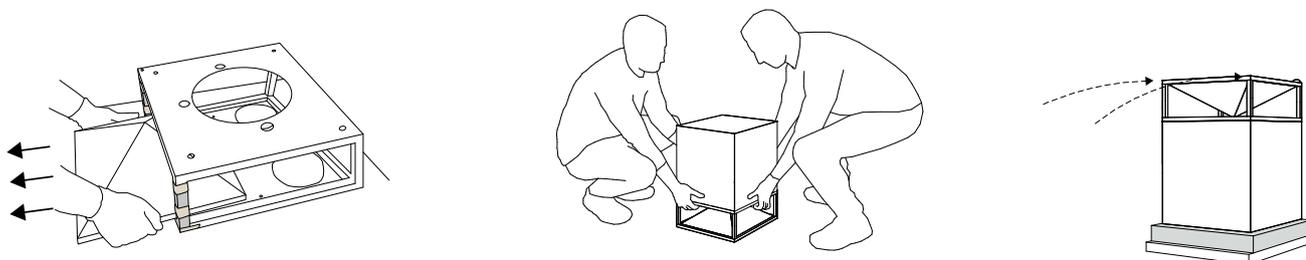


0.0 > Tools: prepare the following tools on a work surface



0.1 > Set Up: before start working on the Cube, carefully follow these steps:

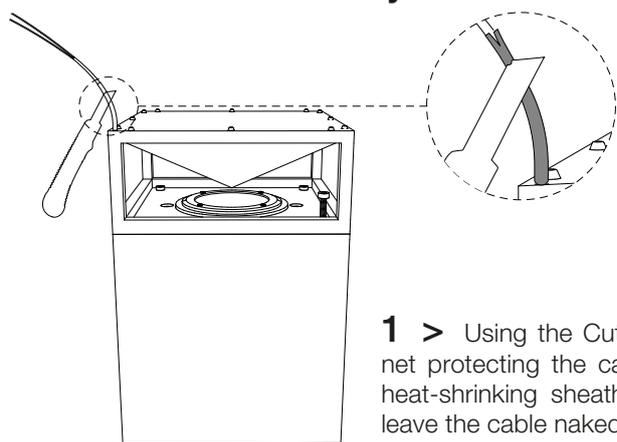


In case the Cube comes with concrete deflector, make sure to remove it before overturning it. Pay attention not to scratch the legs during this operation.

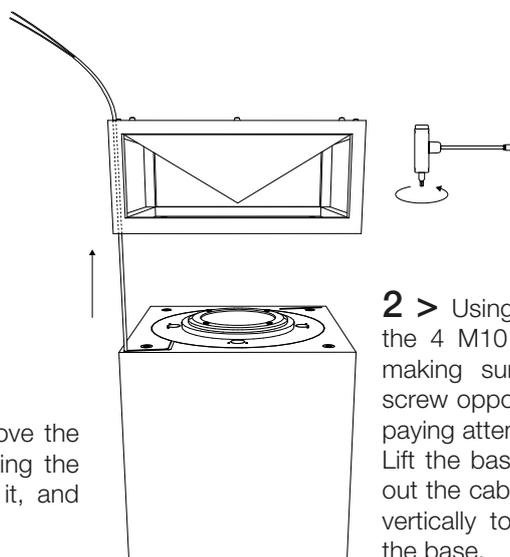
Turn the cube upside down on a soft surface (base facing up), ...

.. possibly using the original protective packaging, to avoid possible scratches.

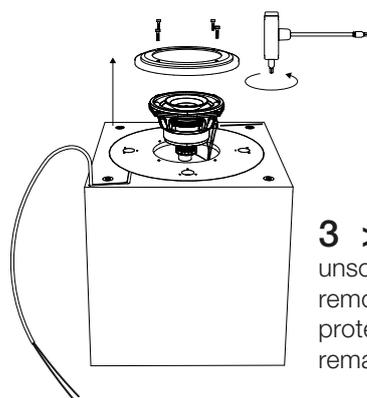
1.0 > Disassembly Procedure:



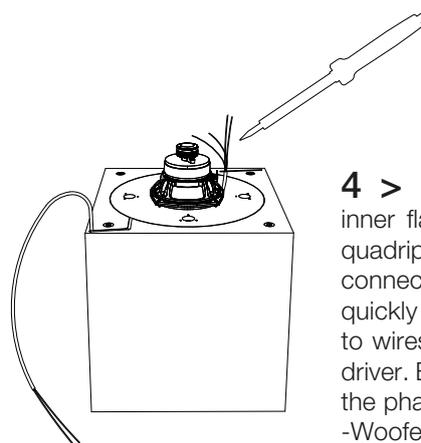
1 > Using the Cutter (A) remove the net protecting the cable by cutting the heat-shrinking sheath locking it, and leave the cable naked.



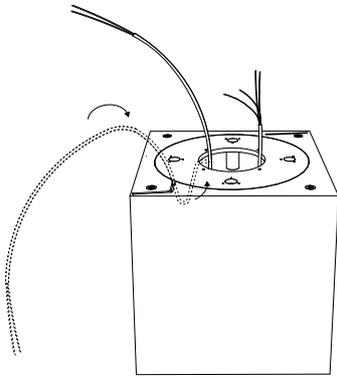
2 > Using the Allen Key #7(B) unscrew the 4 M10 screws securing the base, making sure to always unscrew the screw opposite to the previous one and paying attention not to scratch the legs. Lift the base and at the same time pull out the cable from the column holding it vertically to facilitate the movement of the base.



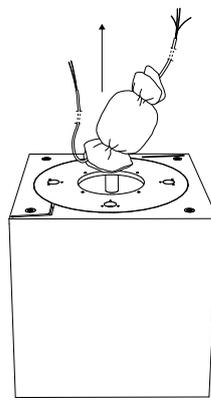
3 > Using the Allen Key #3(B) unscrew the 4 M5X30 screws and remove the stainless steel frame protecting the coaxial. The coaxial remains untied as well.



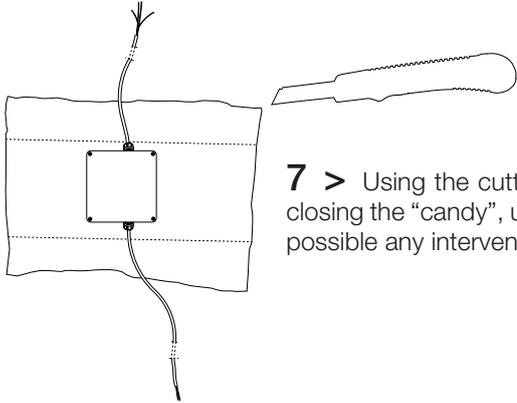
4 > Lift the coax and turn it over the inner flange of the Cube. Desolder the quadripolar cable from the four connections on the coaxial speaker, quickly enough to avoid thermal damage to wires and internal connections of the driver. Be sure to remember the colors of the phases. (Brown > +Woofers; Green > -Woofers; Yellow > +Tweeters; White > -Tweeters)



5 > Remove the coax. Remove the silicone holding the cable into its appropriate groove carved into the Cube's body. Slip the bipolar cable out through the groove and the hole on the inside flange and pull it inside.

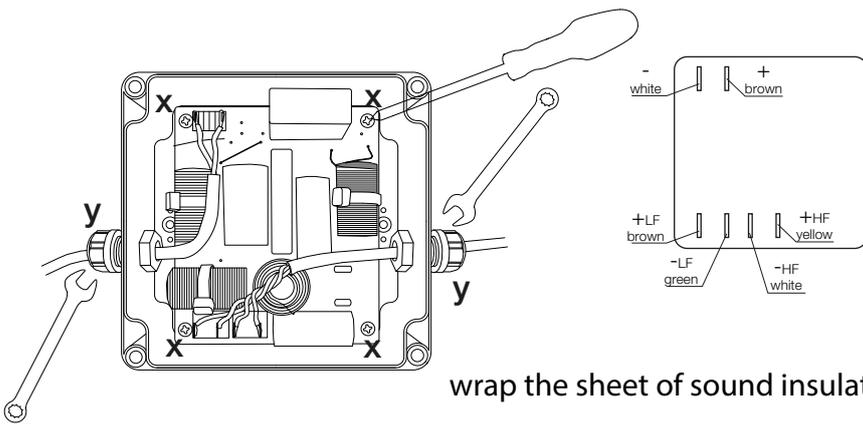


6 > Remove the acoustic dumper disc and take out the acoustic foam "candy" that contains the crossover IP65 waterproof box. Remove the perimeter acoustic dumper from inside the cube and keep it on a side.



7 > Using the cutter (A) remove the nylon cable ties closing the "candy", unroll the acoustic dumper to make possible any intervention in the crossover box.

1.1 > Crossover Board Removal:



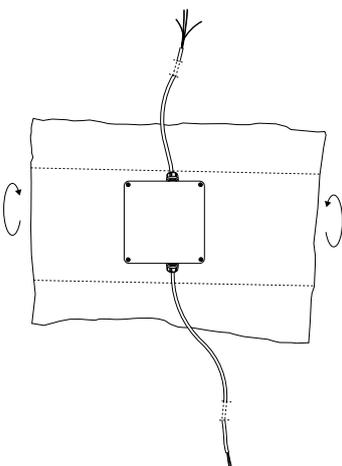
- 1 >** Open the box with the Phillips screwdriver (C)
- 2 >** Desolder the six connections using the welder (F). Remember the phases.
- 3 >** Unscrew the 4 screws (X) securing the board to the box and remove the board.

wrap the sheet of sound insulation around the box so that it looks like a candy

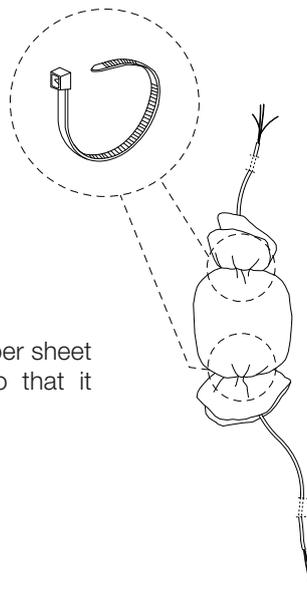
1.2 > Crossover Cables Removal:

- 1 >** Open the box with the Phillips screwdriver (C)
- 2 >** Desolder the six connections using the welder (F). Remember the phases.
- 3 >** Unscrew the sealed cable glands (y) using the two flat wrenches #17 (D) and pull the cables out.

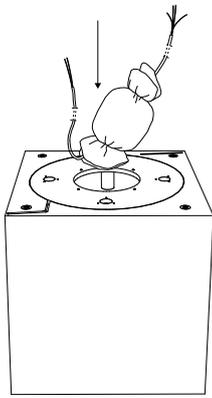
2.0 > Assembly Procedure:



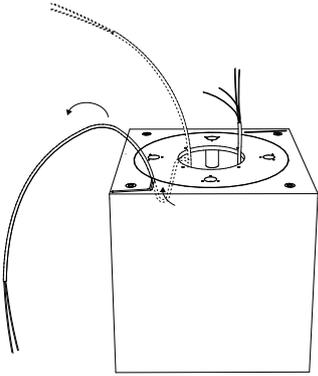
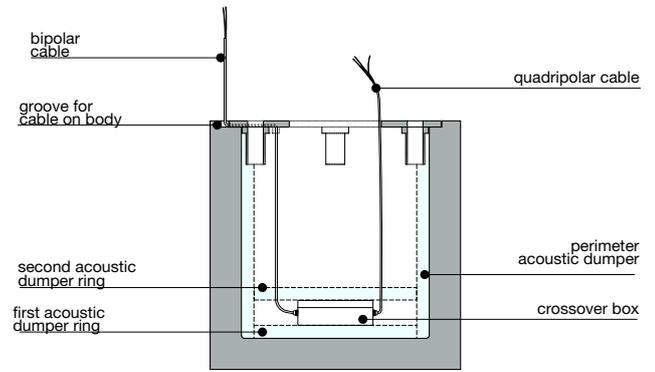
1 > wrap the acoustic dumper sheet around the crossover box so that it looks like a "candy".



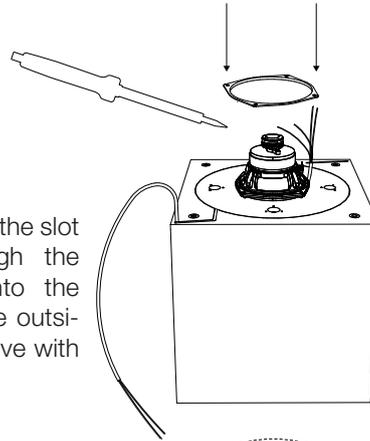
2 > seal the acoustic dumper wrapping by closing it with the two nylon cable ties.



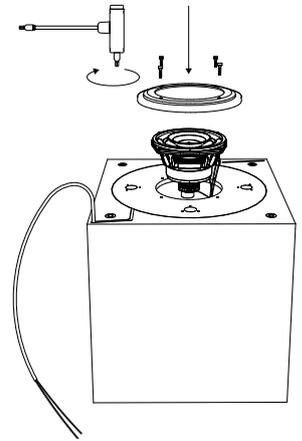
3 > Insert the perimeter acoustic dumper inside the cube, making sure to reinsert it behind the port tubes of the Cube, then insert the first acoustic dumper ring. Place the crossover box “candy”, complete with cables, inside the Cube, positioning it resting flat in the bottom as shown in the image. Be sure to place it with the 4-wire cable facing up. Place the second sound-absorbing circular cap on top of it.



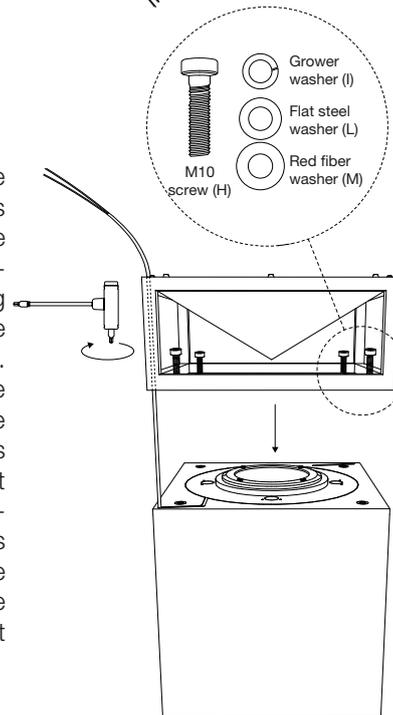
4 > Slip the bipolar cable into the slot under the flange and through the appropriate groove carved into the Cube’s body and pull the cable outside. Seal the cable into the groove with silicone.



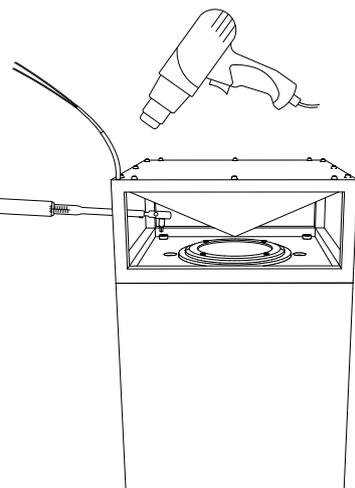
5 > Place the coaxial over the inner flange, overturned with the connectors visible and insert the silicone gasket over the coaxial basket. Stagnate the connectors and the quadripolar cable and then weld the contacts (welder temperature 400°C) on the coaxial, quickly enough to avoid thermal damage to wires and internal connections of the driver. Be sure to remember the colors of the phases. (Brown > +Woofers; Green > -Woofers; Yellow > +Tweeters; White > -Tweeters)



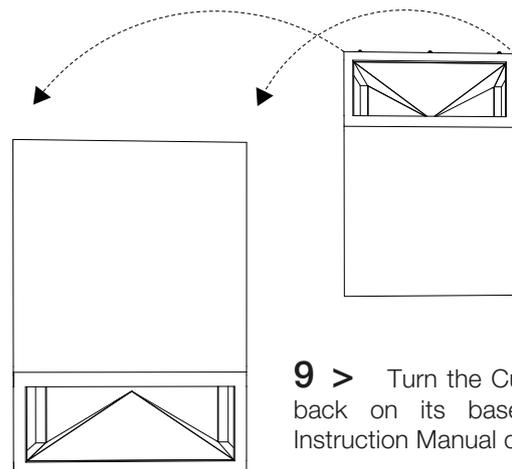
6 > Overturn the coaxial on the internal flange, matching the holes in the basket with the holes in the inner flange. Position the loudspeaker protection frame, paying attention to an extreme coincide with the holes of the speaker. Using the Allen key #3 (B) turn the four M5 screws counter-clockwise until you hear a click that indicates the correct insertion of the first thread of the screw in the threaded seat. Then tighten the screws by turning clockwise crosswise (always tighten the screw opposite to the previous one) until you start feeling resistance.



7 > Insert the cable in the through column of the base and at the same time place the base on the Cube taking extreme care not to scratch the frame below. IMPORTANT: the cable was previously laid into the appropriate groove present on the Cube’s body and sealed with silicone. Place the 4 M10 screws (H), the “Grower” (L), the flat stainless steel and the red fiber washers in the holes of the base with the red one in contact with the base then the flat steel one, then “grower” and finally the screw. Using the Allen key #7 (B) turn the four M5 screws counter-clockwise until you hear a click that indicates the correct insertion of the first thread of the screw in the threaded seat. Then tighten the screws by turning clockwise crosswise (always tighten the screw opposite to the previous one) until you start feeling resistance.

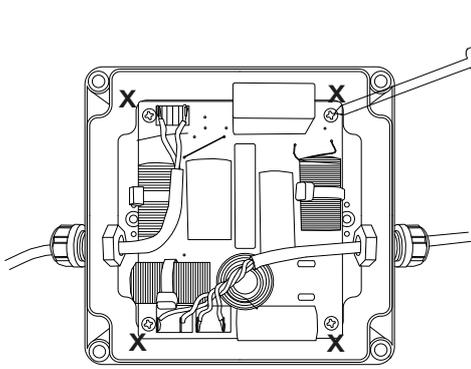


8 > Tighten the four screws M10 (always crosswise) with the torque wrench #7(E) set at 12 N.m. Then insert the thermo-shrinking sheath, about 40 mm long, along the cable where it comes out from the base and heat it with the hot air gun (G) at a temperature about 280°C. WARNING: do not exceed the recommended temperature in order to prevent the fusion of the cable.

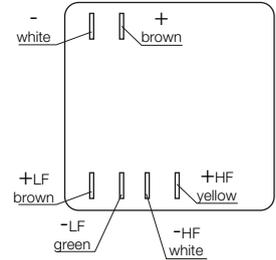


9 > Turn the Cube upside-down back on its base, following the Instruction Manual directions.

2.1 > Crossover Board Assembly:



- 1 > Place the board inside the box and secure it to the box by screwing the four star screws (X), paying attention not to force the plastic thread.
- 2 > Arrange the internal wires according to the attached image, in order to avoid inappropriate contacts between wiring and crossover components.
- 3 > Solder the six connection points respecting the colors of the polarities (welder temperature 400° C).



4 > Close the box cover tightening the four star screws.

5 > Check the cover tightness (accurate resting on its seat) and the cable glands (making sure cables have no clearance or air leakage).

3.0 > Possible Cases.

3.1 > Cube Base Replacement:

Follow steps 1 > 2 of "1.0 Disassembly Procedure" and then steps 7 > 9 of "2.0 Assembly Procedure"

3.2 > Coaxial Speaker Replacement:

Follow steps 1 > 5 of "1.0 Disassembly Procedure" and then steps 5 > 9 of "2.0 Assembly Procedure"

3.3 > Crossover Board Replacement:

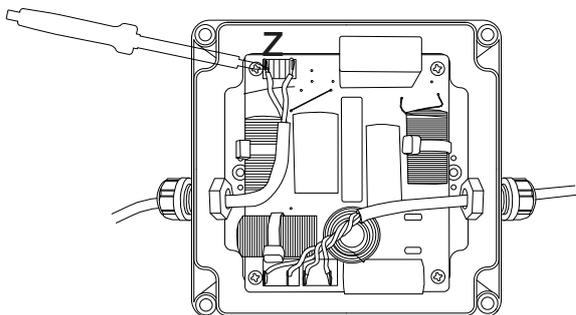
Follow steps 1 > 3 of "1.1 Crossover Board Removal" and then steps 1 > 5 of "2.1 Crossover Board Assembly"

3.4 > Cube Body Replacement:

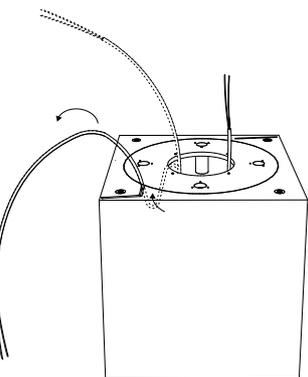
Follow steps 1 > 6 of "1.0 Disassembly Procedure" and then steps 3 > 9 of "2.0 Assembly Procedure"

3.5 > Turn a Fullrange Cube into a Subwoofer Cube:

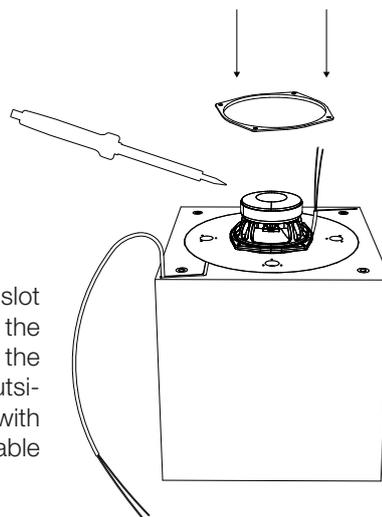
Follow steps 1 > 6 of "1.0 Disassembly Procedure".



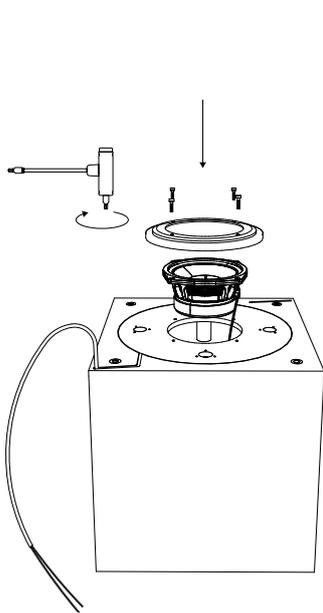
- 7 > Desolder the bipolar cable from its connection in the crossover board (Z) and remove the crossover box.



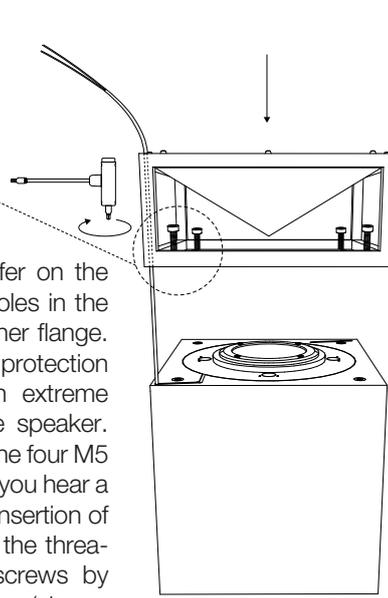
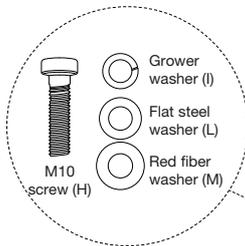
- 8 > Slip the bipolar cable into the slot under the flange and through the appropriate groove carved into the Cube's body and pull the cable outside. Seal the cable into the groove with silicone, leaving around 10cm of cable inside the Cube.



- 9 > Place the subwoofer over the inner flange, overturned with the connectors visible and insert the silicone gasket over the its basket. Stagnate the connectors and the bipolar cable and then weld the contacts (welder temperature 400°C) on the subwoofer, quickly enough to avoid thermal damage to wires and internal connections of the driver. (Brown > +; White > -)

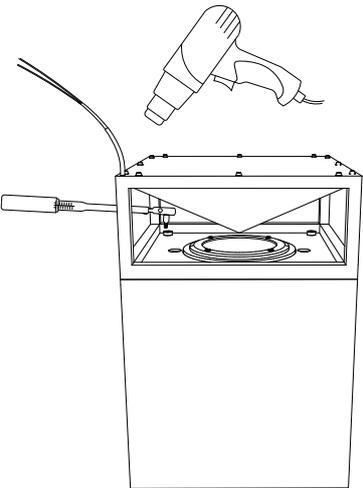


10 > Overturn the subwoofer on the internal flange, matching the holes in the basket with the holes in the inner flange. Position the loudspeaker protection frame, paying attention to an extreme coincide with the holes of the speaker. Using the Allen key #3 (B) turn the four M5 screws counter-clockwise until you hear a click that indicates the correct insertion of the first thread of the screw in the threaded seat. Then tighten the screws by turning clockwise crosswise (always tighten the screw opposite to the previous one) until you start feeling resistance.

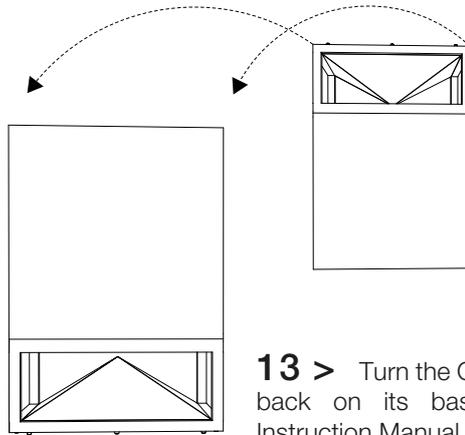


11 > Insert the cable in the through column of the base and at the same time place the base on the Cube taking extreme care not to scratch the frame below. **IMPORTANT:** the cable was previously laid into the appropriate groove present on the Cube's body and sealed with silicone. Place the 4 M10 screws (H), the "Grower" (I), the flat stainless steel and the red fiber washers in the holes of the base with the red one in contact with the base then the flat steel one, then "grower" and finally the screw.

Using the Allen key #7 (B) turn the four M5 screws counter-clockwise until you hear a click that indicates the correct insertion of the first thread of the screw in the threaded seat. Then tighten the screws by turning clockwise crosswise (always tighten the screw opposite to the previous one) until you start feeling resistance.



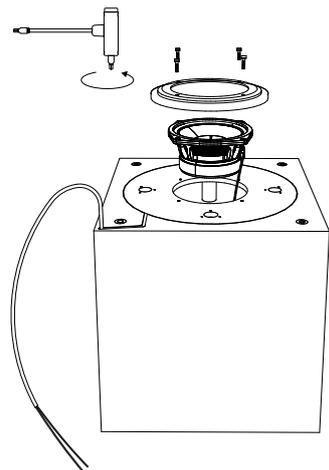
12 > Tighten the four screws M10 (always crosswise) with the torque wrench #7(E) set at 12 N.m. Then insert the thermo-shrinking sheath, about 40 mm long, along the cable where it comes out from the base and heat it with the hot air gun (G) at a temperature about 280°C. **WARNING:** do not exceed the recommended temperature in order to prevent the fusion of the cable.



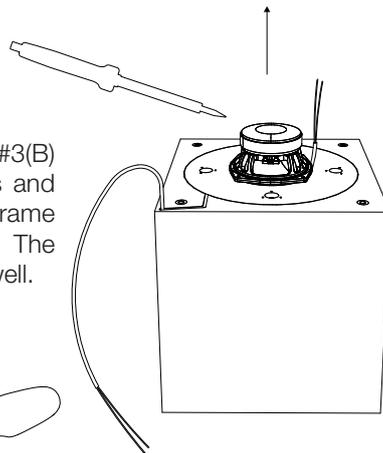
13 > Turn the Cube upside-down back on its base, following the Instruction Manual directions.

3.6 > Turn a Subwoofer Cube into a Fullrange Cube:

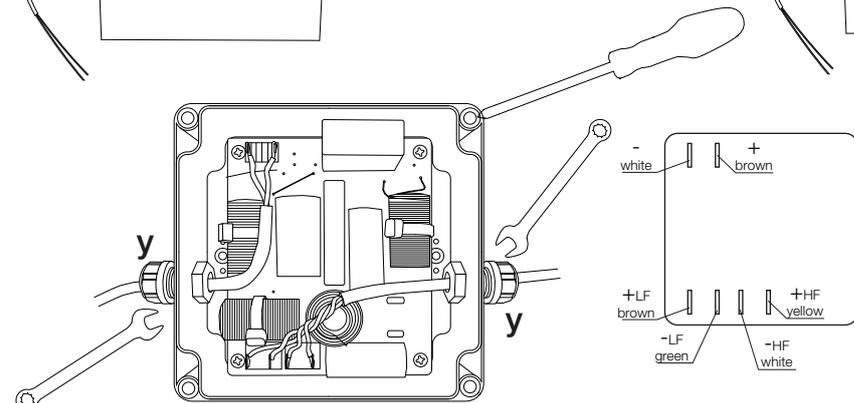
Follow steps 1 > 2 of "1.0 Disassembly Procedure" then follow these steps:



3 > Using the Allen Key #3(B) unscrew the 4 M5X30 screws and remove the stainless steel frame protecting the subwoofer. The subwoofer remains untied as well.



4 > Lift the sub and turn it over the inner flange of the Cube. Desolder the bipolar cable from the two connections on the subwoofer, quickly enough to avoid thermal damage to wires and internal connections of the driver. Remove the subwoofer.



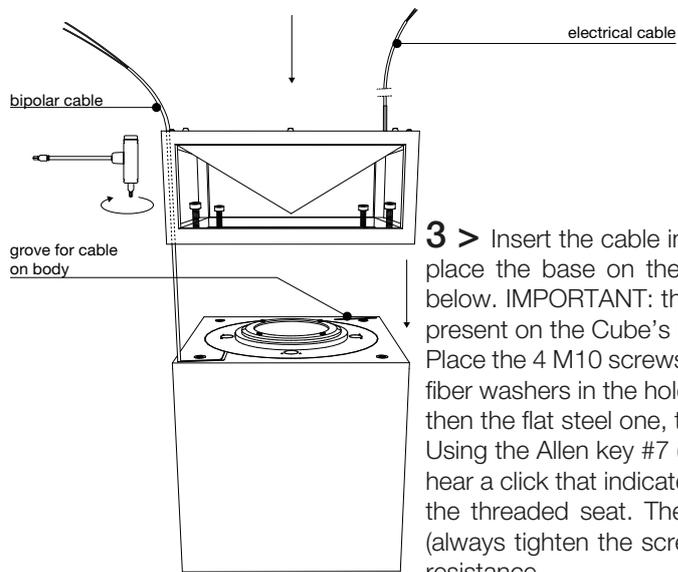
5 > Open the Crossover box with the Phillips screwdriver (C), insert the bipolar and quadripolar cables and solder the six connections using the welder (F). Remember the phases. Fasten the sealed cable glands (y) using the two flat wrenches #17 (D) to secure the cables.

Then follow steps 1 > 9 of "2.0 Assembly Procedure" to finish the operation.

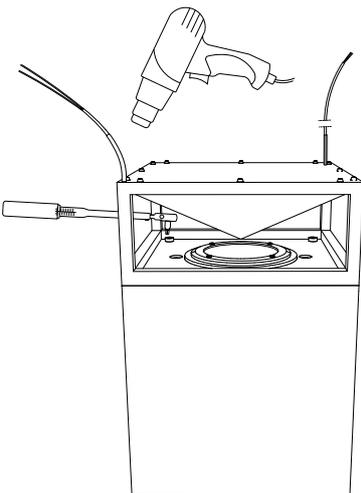
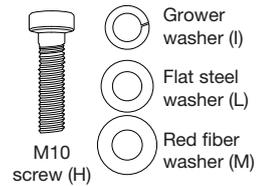
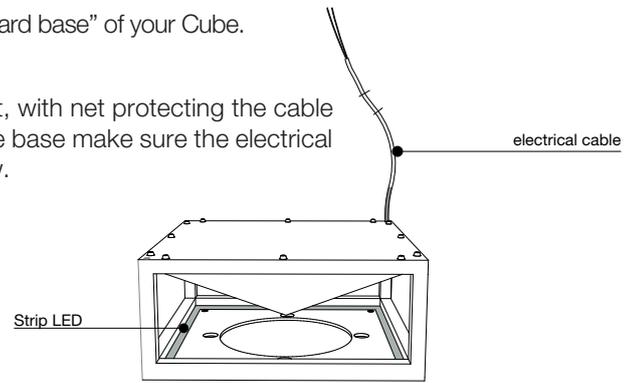
3.7 > Upgrade a Cube with the “Light Mood” base.

1 > Follow steps **1 > 2** of “1.0 Disassembly Procedure” to remove the “standard base” of your Cube.

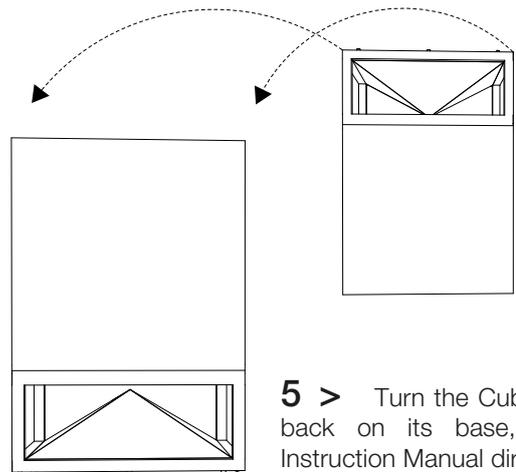
2 > The “Lighting Mood” base comes already cabled for the electrical part, with net protecting the cable locked with heat-shrinking sheaths, ready to be installed. When installing the base make sure the electrical cable fits into the proper groove on the body, as shown in the drawing below.



3 > Insert the cable in the through column of the base and at the same time place the base on the Cube taking extreme care not to scratch the frame below. **IMPORTANT:** the cable was previously laid into the appropriate groove present on the Cube’s body and sealed with silicone. Place the 4 M10 screws (H), the “Grower” (L), the flat stainless steel and the red fiber washers in the holes of the base with the red one in contact with the base then the flat steel one, then “grower” and finally the screw. Using the Allen key #7 (B) turn the four M5 screws counter-clockwise until you hear a click that indicates the correct insertion of the first thread of the screw in the threaded seat. Then tighten the screws by turning clockwise crosswise (always tighten the screw opposite to the previous one) until you start feeling resistance.



4 > Tighten the four screws M10 (always crosswise) with the torque wrench #7(E) set at 12 N.m. Then insert the thermo-shrinking sheath, about 40 mm long, along the cable where it comes out from the base and heat it with the hot air gun (G) at a temperature about 280°C. **WARNING:** do not exceed the recommended temperature in order to prevent the fusion of the cable.



5 > Turn the Cube upside-down back on its base, following the Instruction Manual directions.

6 > Refer to the following scheme for final installation:

