Confidea F-BOX_MIC & F-BOX_MIKE

Mounting Instructions

Table of Contents

I.   Preparation of the work space

⚠️
- The work space must be clean and ESD-protected.
- ESD instructions must be followed.

II.   Isolated vs. non-isolated mounting

The SLC can be mounted in a table, chair, arm rest, etc., either in an isolated or non-isolated way. In any case, all necessary parts are provided with the Confidea F-BOX_MIC or F-BOX_MIKE module.

If your conference table or chair is made of **NON-conductive material**, choose preferably the non-isolated method (although the isolated method is not forbidden).

If your conference table or chair is made of **conductive material**, the mounting method depends on the conference interface to which the microphone will be connected:
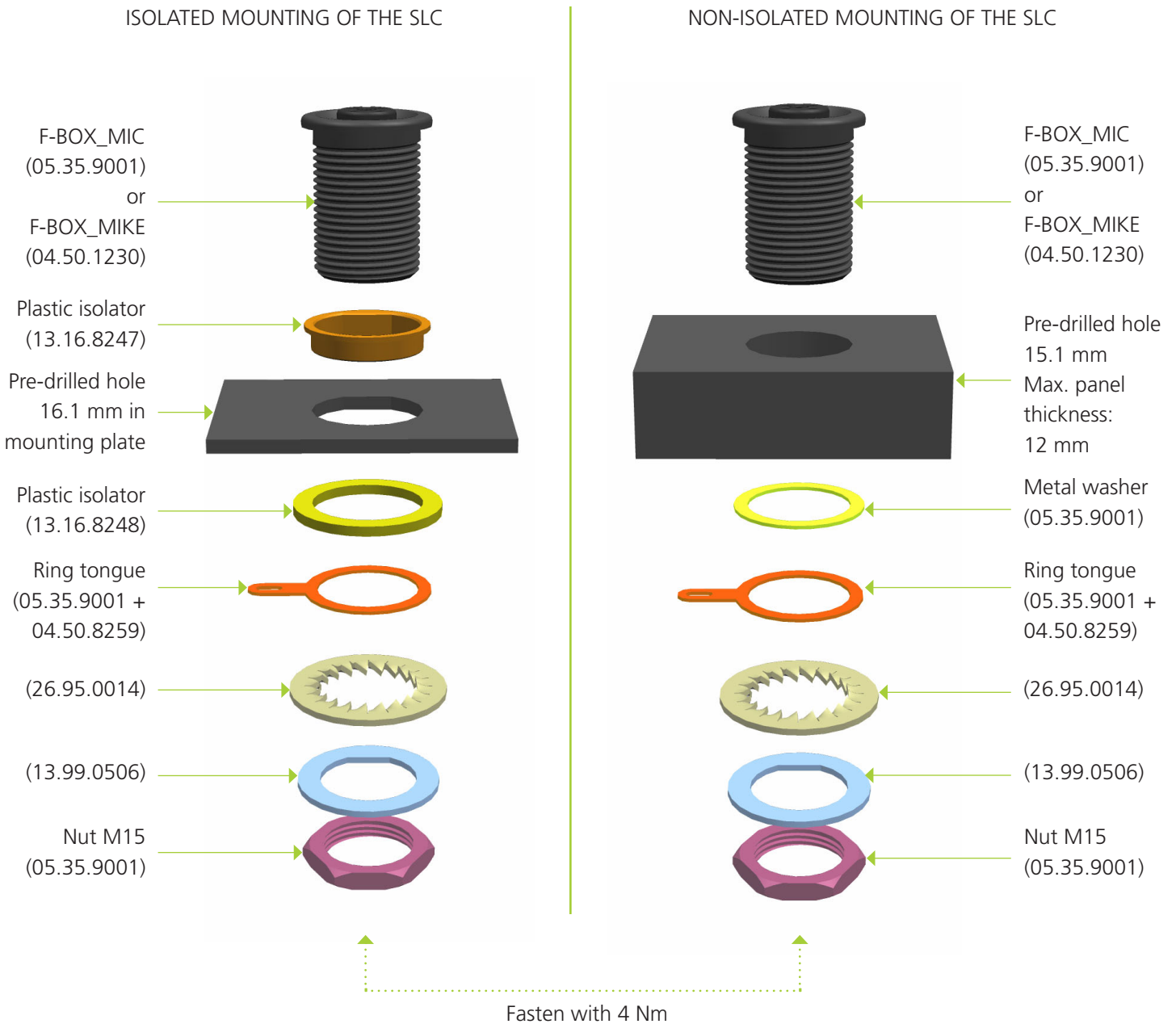
- If the interface has a galvanic isolated power supply: you can choose between the isolated or non-isolated mounting method for the screw lock connector (e.g.: with the Confidea F-BOX 71.98.0522 or Unibox 71.98.2004).
- If the interface does NOT have a galvanic isolated power supply (Confidea F – 71.82.0063), always use the isolated mounting method to prevent ground loops.
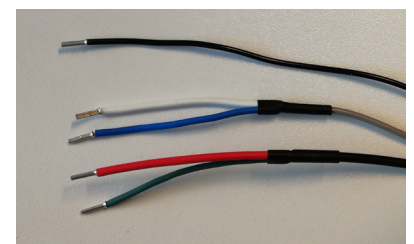
📢
Mounting the screw lock connector on a metal plate usually gives better protection against electrostatic discharges (in combination with 04.50.8259).

televic
conference

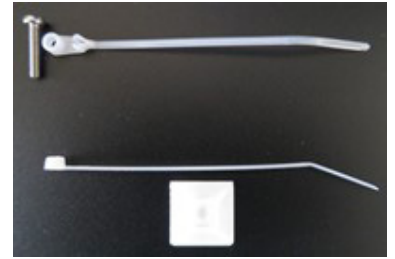# III. Assembling the Screw Lock Connector to the Table/Chair

1. Make sure to read the section here-above about isolated vs. non-isolated mounting, and choose the method based on the material of your conference table/chair.

2. Mount and fix the screw lock connector on the table/chair based on the diagrams below.

ISOLATED MOUNTING OF THE SLC   NON-ISOLATED MOUNTING OF THE SLC

F-BOX_MIC (05.35.9001) or F-BOX_MIKE (04.50.1230)

Plastic isolator (13.16.8247)

Pre-drilled hole 16.1 mm in mounting plate

Plastic isolator (13.16.8248)

Ring tongue (05.35.9001 + 04.50.8259)

(26.95.0014)

(13.99.0506)

Nut M15 (05.35.9001)

F-BOX_MIC (05.35.9001) or F-BOX_MIKE (04.50.1230)

Pre-drilled hole 15.1 mm Max. panel thickness: 12 mm

Metal washer (05.35.9001)

Ring tongue (05.35.9001 + 04.50.8259)

(26.95.0014)

(13.99.0506)

Nut M15 (05.35.9001)

Fasten with 4 Nm

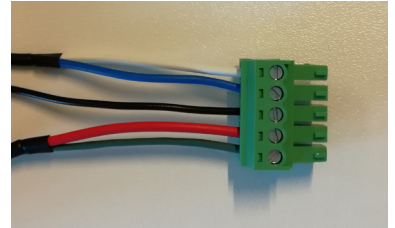3. Fasten the black chassis wire to the rest of the cables by means of some tie-wraps.

4. It is highly recommended to use some strain relief to protect the wire connections on the screw lock connector side (not included).

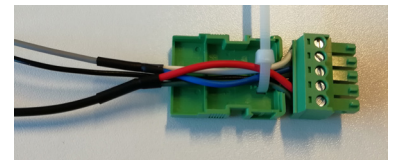## IV. Assembling the Screw Lock Connector to the F-BOX

1. Load the wires into the MIC or MIKE connector of the F-BOX: follow the colors of the wires and make sure they correspond to the indications on the F-BOX:
   - MIC/MIKE LIVE: white wire
   - MIC/MIKE GND: blue wire
   - MIC/MIKE CH: black wire
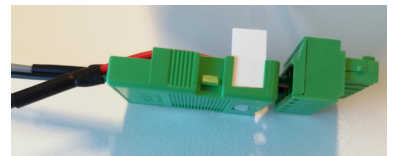   - RED: red wire
   - GREEN: green wire

2. Insert a tie-wrap within the bottom part of the connector house.
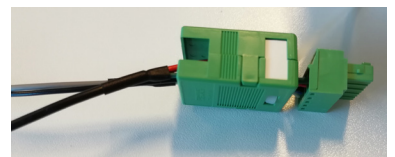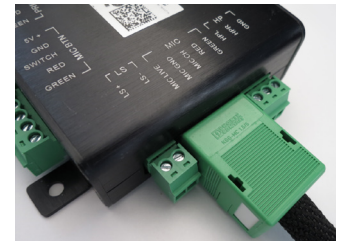

3. Close the tie-wrap.

4. Label and mount the two white cable indicators in the corresponding parts of the connector house.

5. Add the upper part of the connector house and close the assembly.

6. Connect the connector house to the F-BOX.

7. The Screw Lock Connector is now assembled to the F-BOX and the table/chair.