DM5AL LAB

Separation kit SKT-706 for ICOM IC-703/706

1. **OVERVIEW**

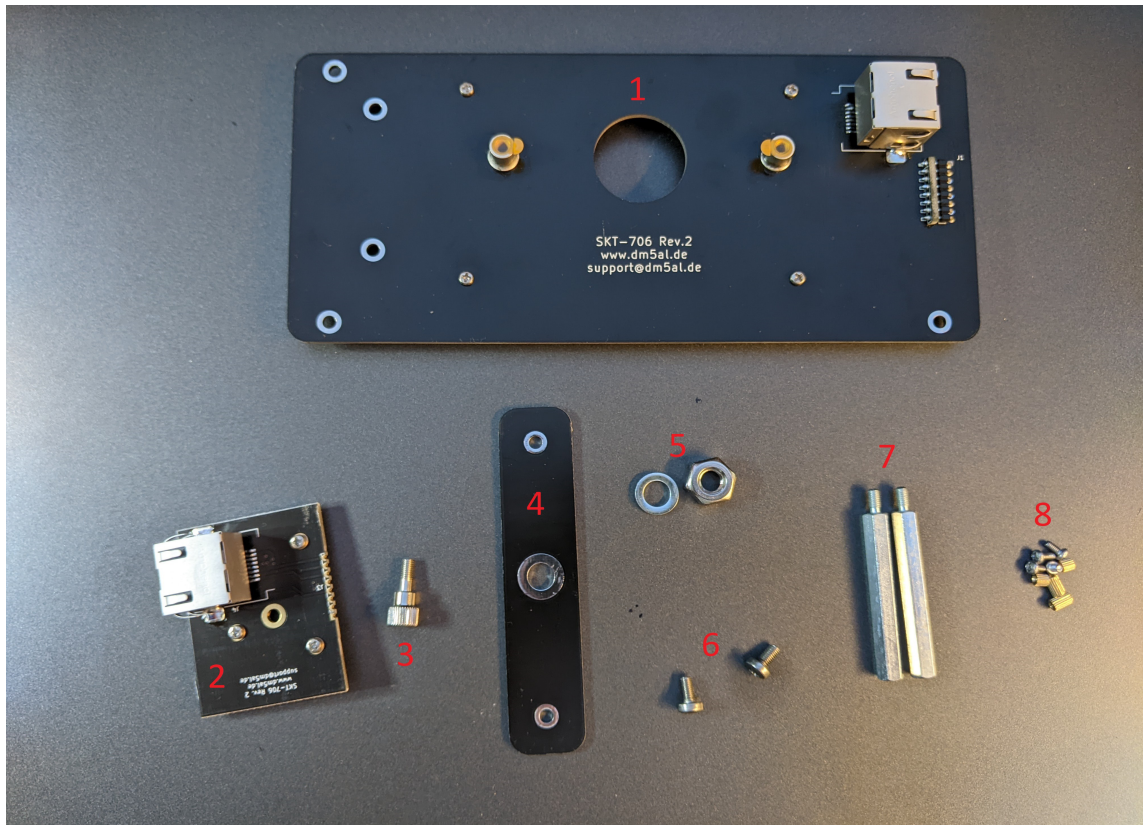   SKT-706 separation kit works with following transceivers:

   - ICOM IC-703

   - ICOM IC-703 Plus

   - IC-706

   - IC-706MkII

   - IC-706MkIIG

   Features:

   - Combines a separation kit (OPC-581 alternative) and a mounting bracket (MB-63 alternative);

   - Desktop and mobile usage;

   - RJ-45 cable connectors.

The separation kit uses a normal RJ-45 cable (not included) for connection between display and base units. Quality of this cable affects overall transmit quality: in some cases weak digital noise may exist during transmission. It is recommended to use flat RJ-45 cables with shielded twisted pairs (hard to identify as they are inside of the cable, but CAT6, CAT7 or CAT8 cables may have such pairs). Up to 5 meters cable length is recommended, however, up to 15 meters can be used but with special care to cable quality.
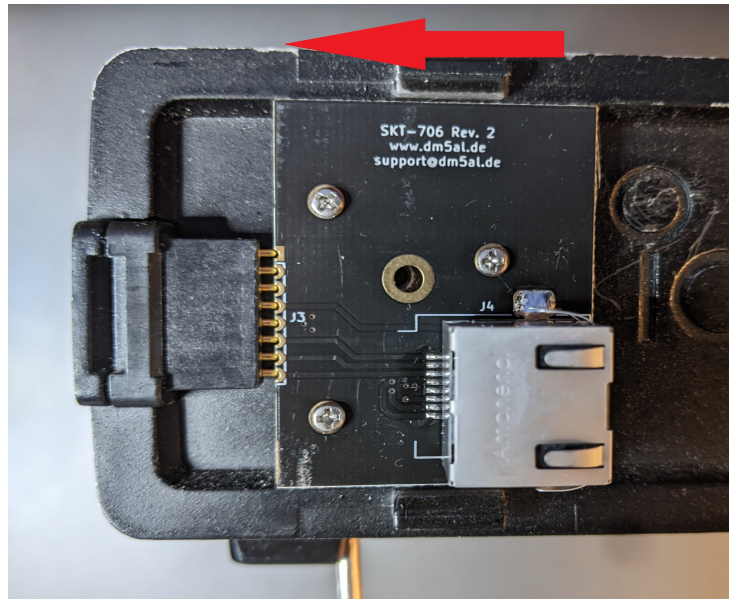
2. **SEPARATION KIT CONTENT**

1 – Display connection PCB;

2 – Base unit connection PCB

3 – M3 thumb screw for base unit connection PCB assembly;

4 – adapter PCB for mobile assembly;

5 – ¼ inch nut and a washer for mobile mounting (MB-63 has similar thread);

6 – 2x M3 screws for the adapter PCB assembly;

7 – 2x legs for desktop mounting;

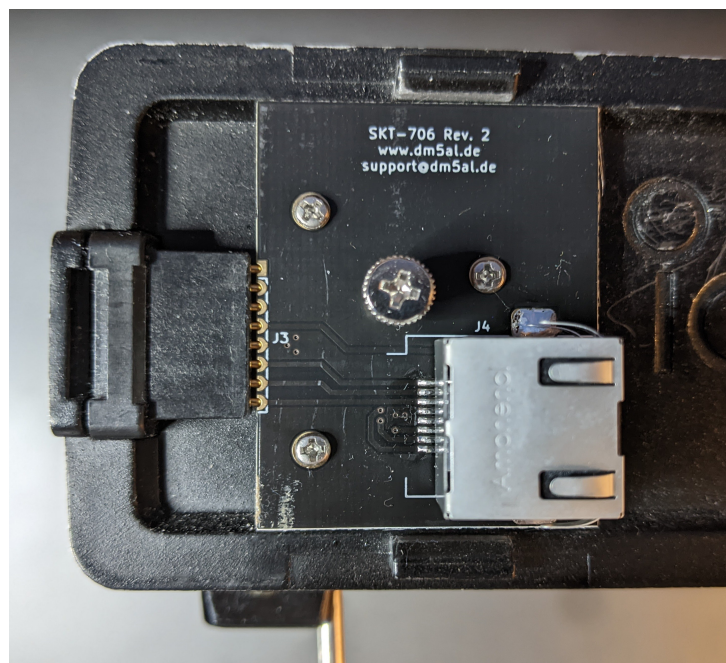8 – spare parts in case something is lost.

3. **INSTALLATION**

Attention: remove power before you install the separation kit!

Picture below show how to install the separation kit correctly:

1. Position base unit adapter as it shown on a picture below. Pogo pins must be positioned strictly to half holes on the edge of the base unit adapter!

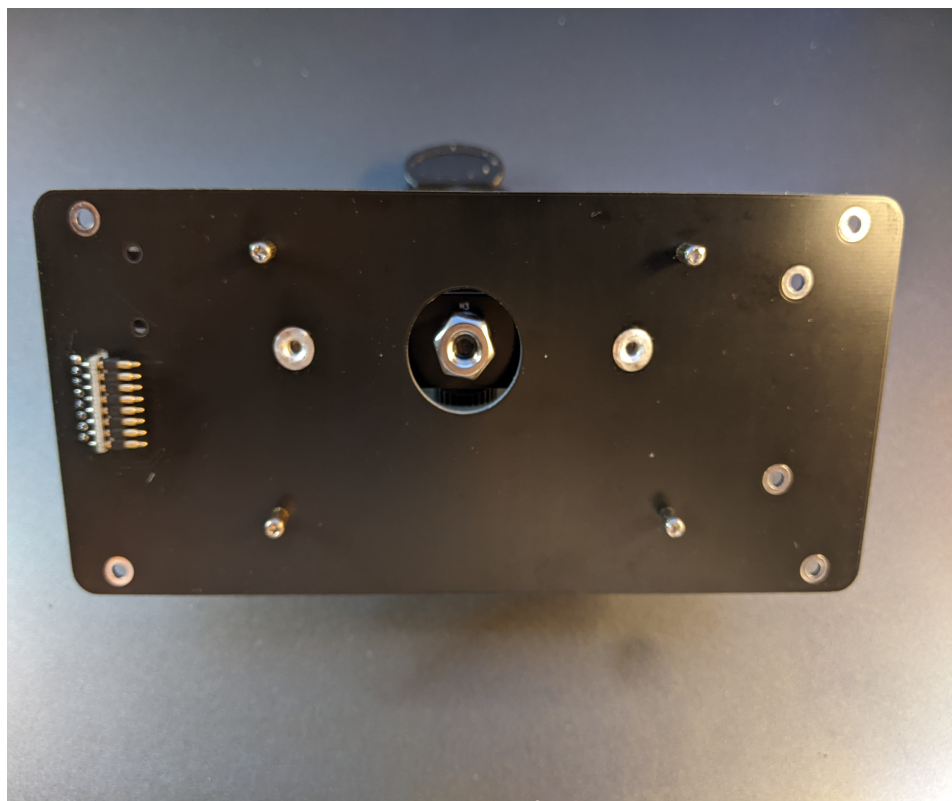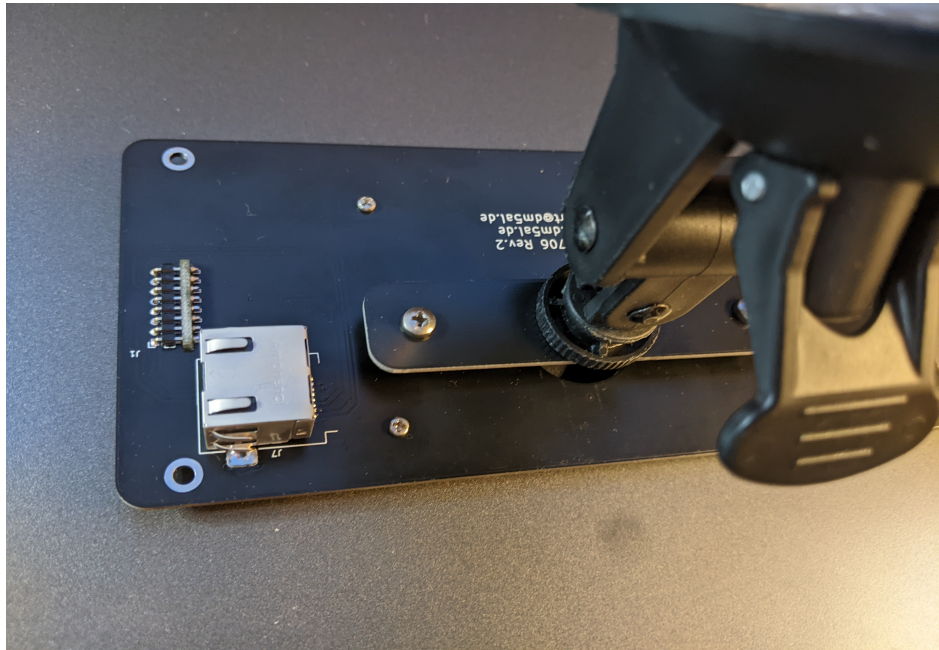2. Push the base unit adapter and fix it with a thumb screw:

3. For desktop mounting: assembly 2 legs on the display connection PCB:
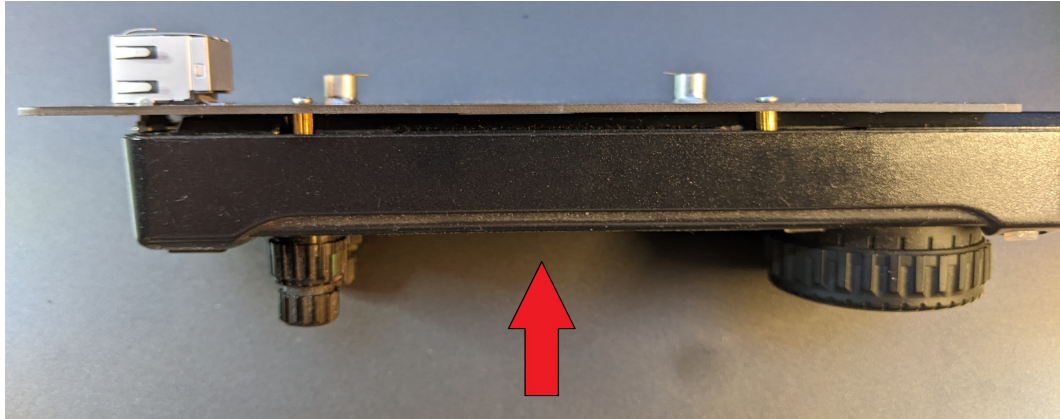

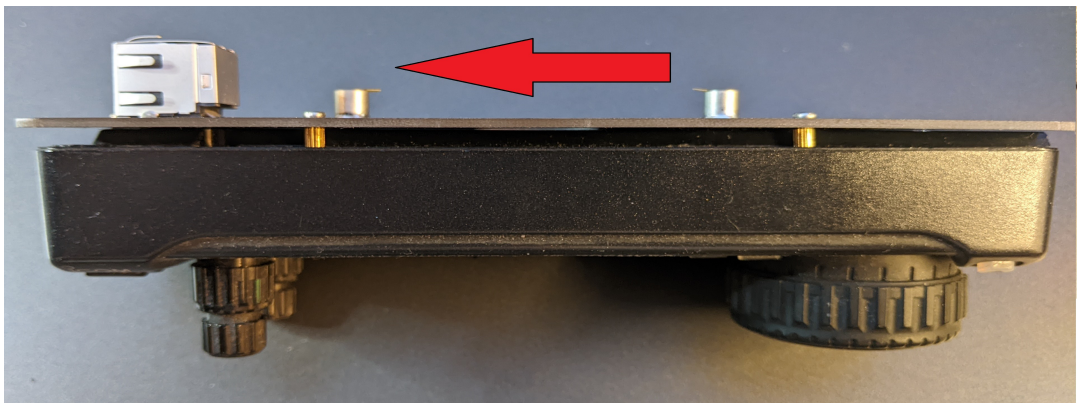4. For mobile mounting: assembly adater PCB on the display connection PCB:

5. For mobile mounting: fix mounting bracket (shown as example) with a ¼ nut and a washer:
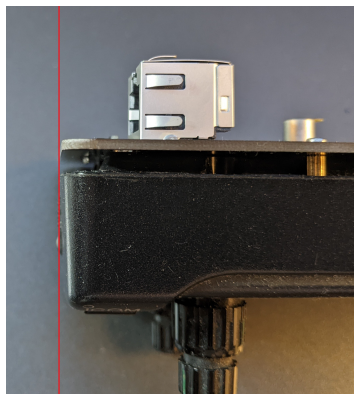
6. Insert a IC-70x display unit to the display connection PCB. There are 4x stand-offs on a display connection PCB which should get in to wide slots on the display unit. Insertion could be a bit tight, but do not apply to much force.

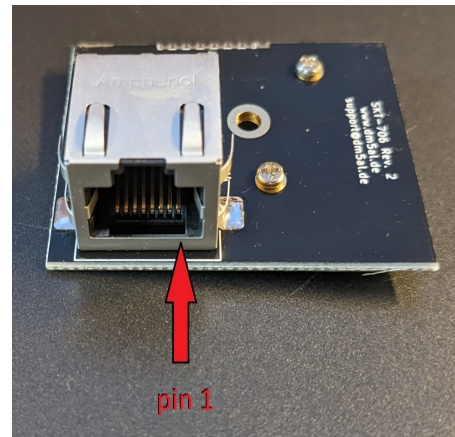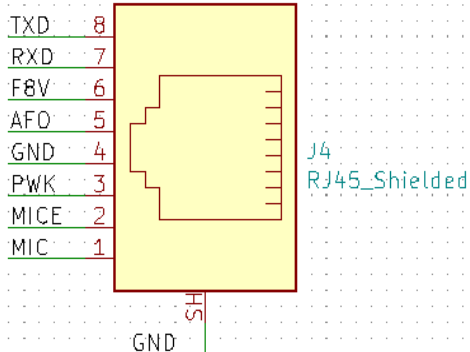7. Slide the display unit to the left until it is securely fixed:

8. Check that the display unit is completly reached its place: PCB edge and display unit edge must be on the same axis:

9. Connect RJ-45 cable and power on the transceiver.

4. **RJ-45 CONNECTOR PINOUT**

5. **REMOTERIG connection**

More info:

https://www.remoterig.com/wp/?page_id=3700

6. **SUPPORT**

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