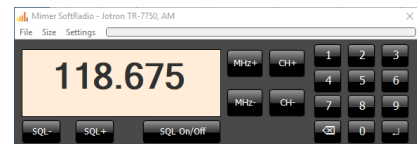# Cable Kit 3179
# Interface 3009/45 - Airband
# Interface 3009/37 - Marine

## Mimer SoftRadio – Jotron TR-7750 / TR-7750C

### Remote functionality

This cable kit will together with the Mimer Network
Interface give remote control of the radios audio and
PTT functions.



It will also present a virtual control head, to the operator,
with remote control of channel change and squelch settings.

### Radio programming

The interface is pre-set for the following radio default settings:
Rx Config/Audio/Line Output Level/0.0dBm
Tx Config/Audio/Input Source/Auto
Tx Config/Audio/Line Sensitivity/-10dBm
Tx Config/Keying/Source/Txgnd

See screen shots on next page.

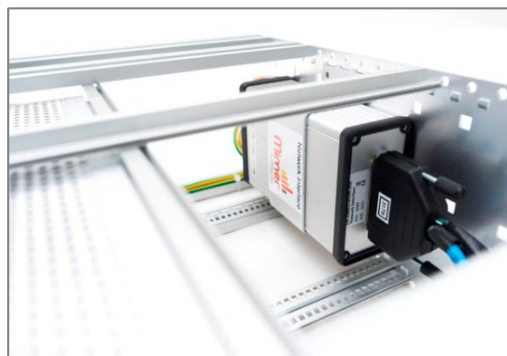Baud rate on both Tx and Rx units shall be set to 115 200.

### Power Supply

The interface is powered, through the cable kit, from the Tx-module.

### Connection

The three cables are marked where they shall be connected. Also
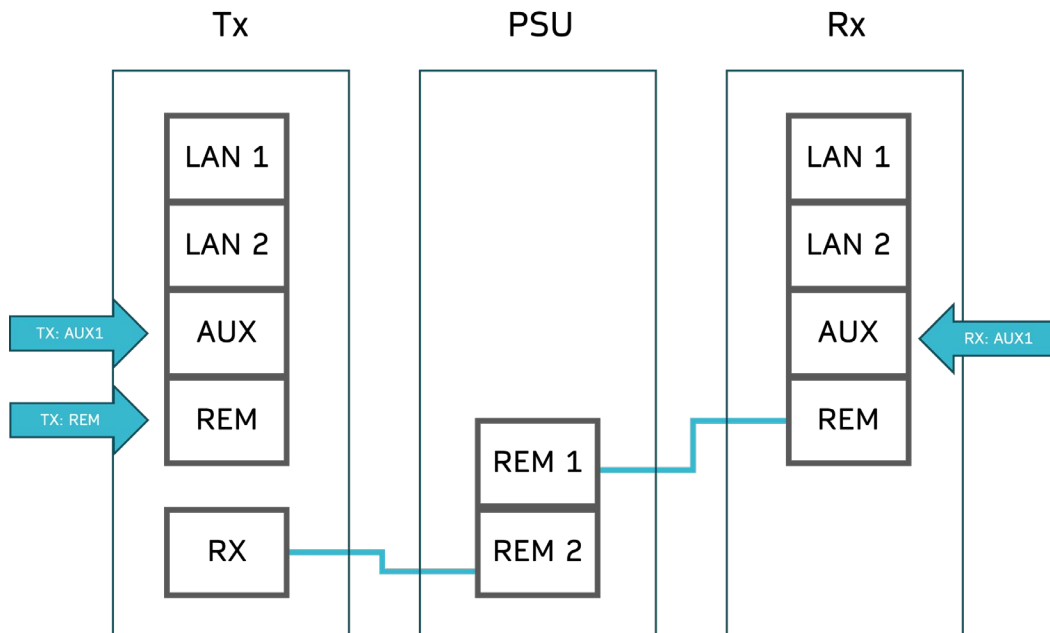see pictures further down.



*Cable Kit 3179*



*Interface mounting in the chassis
of TR7750 with bracket 3106*

## Settings Screen shots

```
Rx Config/Audio/Line lvl

        0.0  dBm

   ▲         ▼          ↵
```

```
TX Config/Audio/Input
• Auto          VoIP
  Line
  Mic
  Modgen
   ▲         ▼          ↵
```

```
TX Config/Keying/Source
✓ Mic          repeater
✓ Line
✓ Txkey
✓ Txgnd
   ✓         ▶          ↵
```

```
TX Config/Audio/Line sens

        −10 dBm

   ▲         ▼          ↵
```
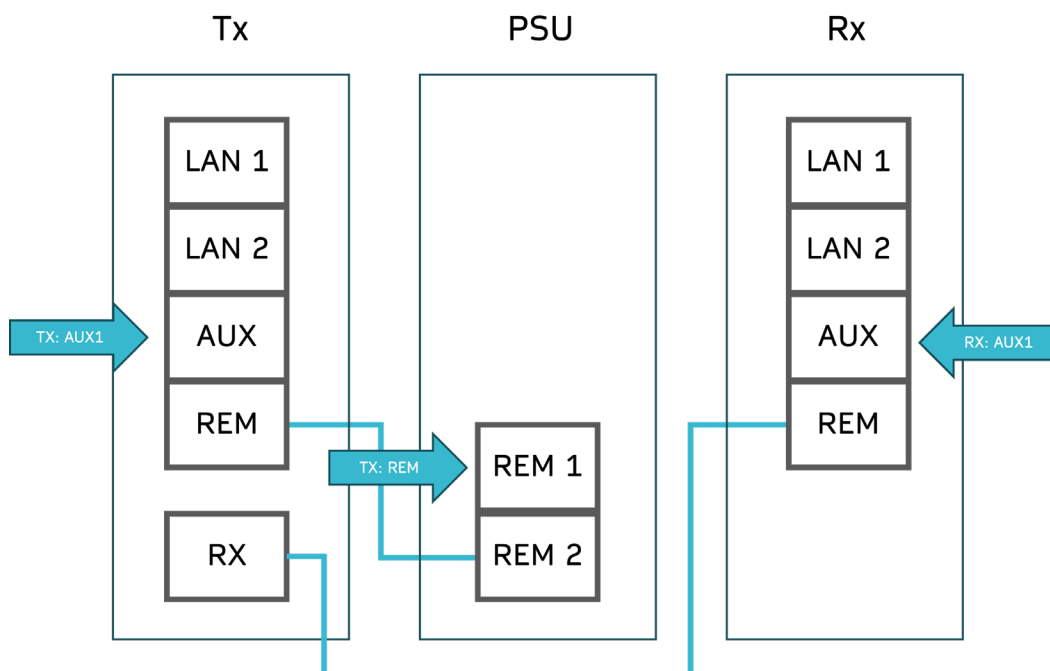
## Cable connection in the back of the radio unit

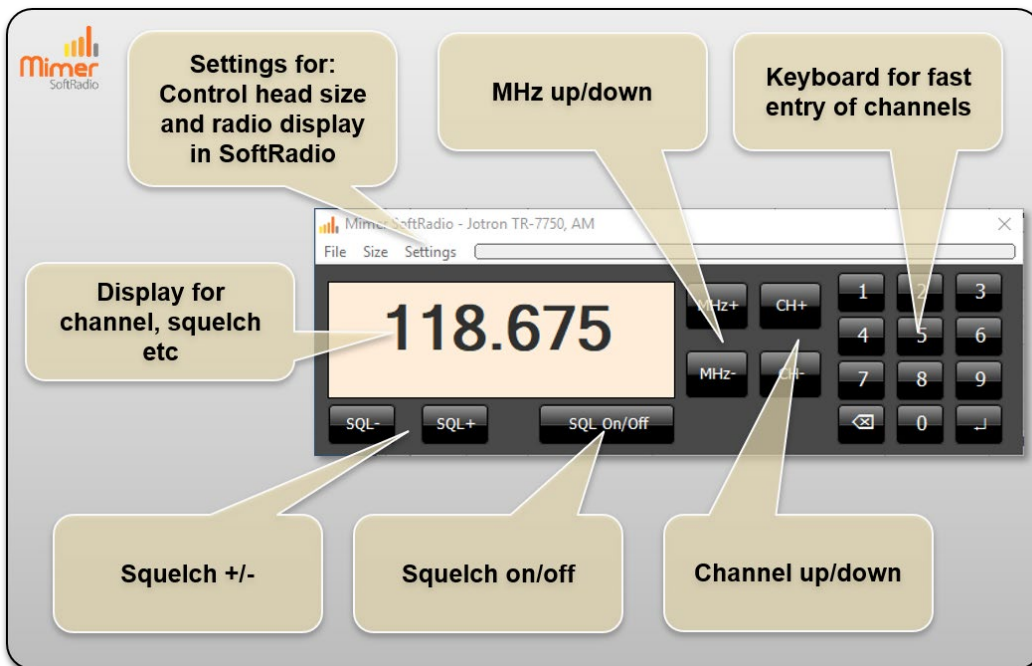On some radios there is a break out box (Krone) connected in the needed connectors. This can be disconnected, it is not needed.
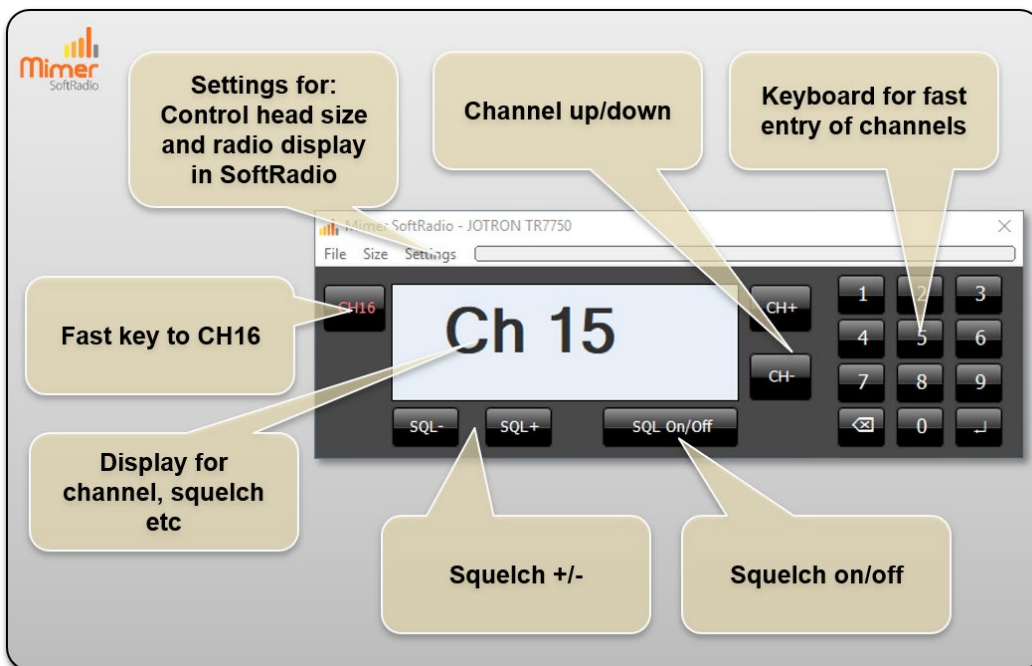
| Tx | PSU | Rx |
|----|-----|-----|

LAN 1
LAN 2
TX: AUX1 → AUX
TX: REM → REM
RX — REM 2
REM 1 — REM (Rx)
AUX ← RX: AUX1
LAN 2
LAN 1

If the Tx REM port is occupied with a cable from the PSU (REM2). You can then connect the cable marked Tx REM to the PSU (REM1) instead.

| Tx | PSU | Rx |
|----|-----|-----|

LAN 1
LAN 2
TX: AUX1 → AUX
REM → TX: REM → REM 1
RX — REM 2
REM (Rx)
AUX ← RX: AUX1
LAN 2
LAN 1

## Virtual Control Head functions



*Airband version with MHz and fine tune keys*



*Marine version with fast key to CH16.*