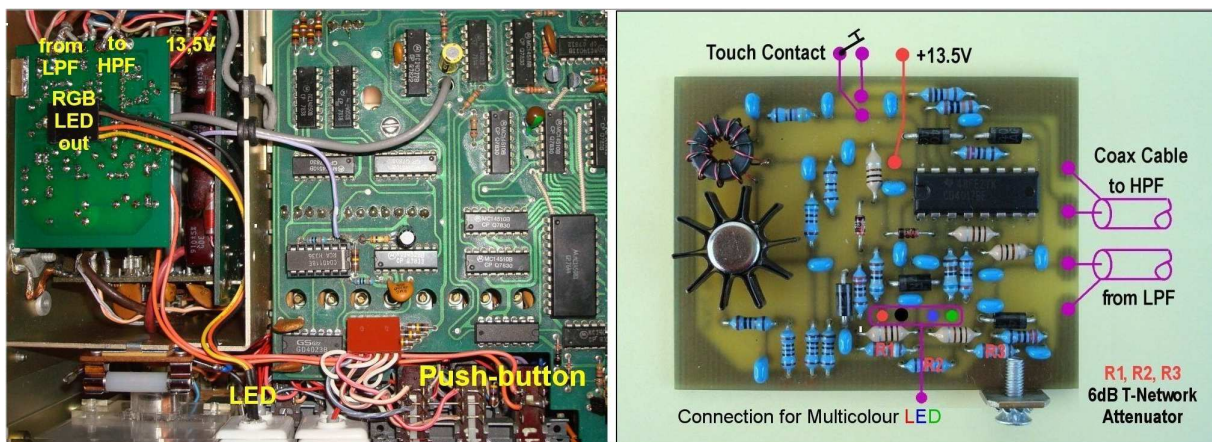


Installation Instructions

The All-On-One-Board Pre-Amplifier covers a range from 1.8 to 30 MHz and provides a selectable gain of 0dB, ~6dB and ~12dB.

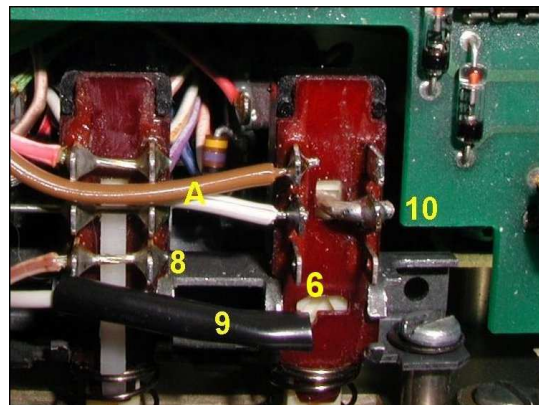
Installation of the Pre-Amplifier

1. Install the pre-amplifier with the component side down on the chassis wall above the loudspeaker.
2. Unsolder coax cable from soldering terminal of the HP-filter.
3. Solder the coax cable to the soldering terminal 'from LPF' of the pre-amplifier.
4. Solder a short coax cable from the terminal 'to HPF' of the pre-amplifier to terminal of the HP-filter.
5. Connect the 13,5V soldering terminal to a 13,5V source on the main board.



Modify the STORE push button to act as Touch-Contact-Switch.

1. Unsolder wire '8' and '9' from 'STORE' push button switch.
2. Solder an 'L' shaped limiting stop '10', made out of a 1.5mm copper wire, to the centre connection of the push button switch. Wire 'A' is leading to the touch contact terminal on the pre-amplifier board.
3. Remove notch lever '6' and keep safe for later use.
4. Solder wire 'A' to the Touch Contact terminal on the pre-amplifier board.



Installation of Gain Indication LED

In place of the original **FIXED** control indication light insert the RGB-LED. The LED will exactly fit into the hole where previously the bulb was installed.



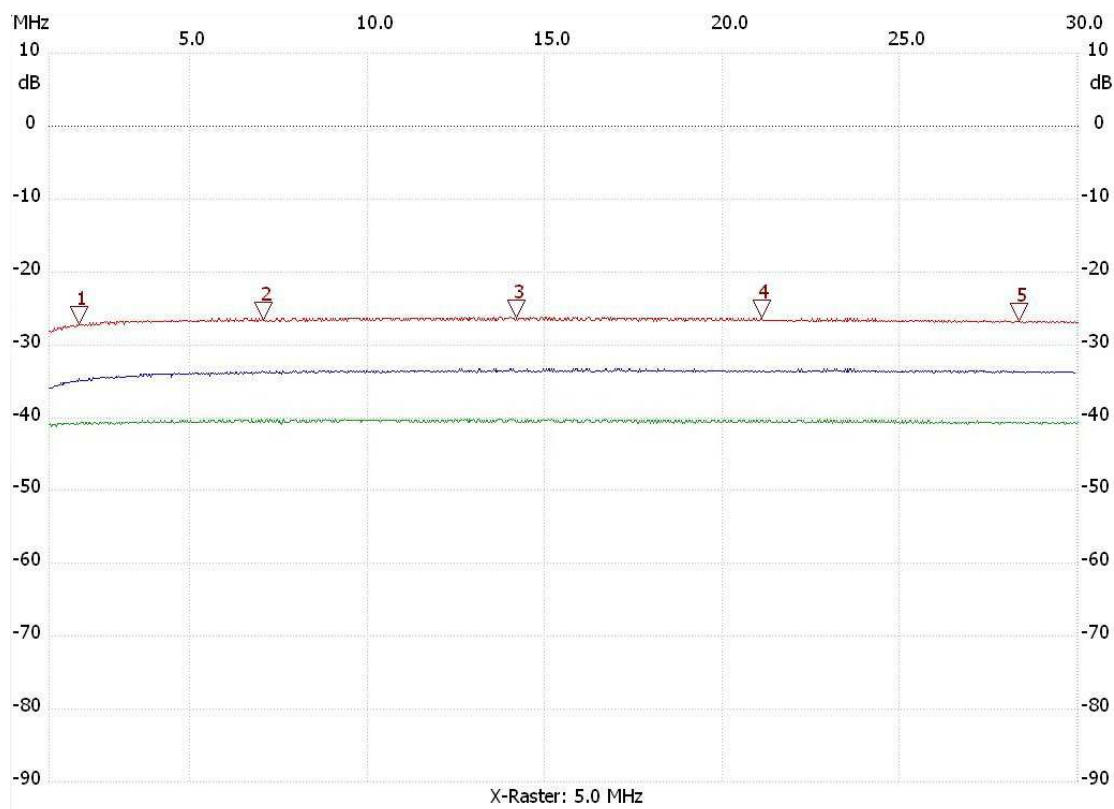
Re-Labeling Upper Panel

1. Unplug and unscrew the UP, DOWN, STORE push button switch on the inside of the Radio.
2. Unscrew one of the black PVC side panels.
3. Slide acryl glass cover and upper panel to the open side.
4. Pull off the protection film from the supplied self-adhesive **PRE-AMP** labels.
5. Use tweezers to place labels centred over the **STORE** and **FIXED** imprint and press gently onto the upper panel.
6. Re-assemble upper panel, acryl glass cover, UP, DOWN, PRE-AMP push button switch and side panel.

NWT 4 Linux & Windows 15 Oktober 2008, 10:26

Startfrequenz: 1.000000 MHz; Endfrequenz: 30.001880 MHz

Schrittweite: 29.060 kHz; Messpunkte: 999



The -40dB line represents 0dB gain

Low Gain (~6dB)

Kursor 1:

1.842798 MHz

Kanal1: -34.86dB – -40dB = 5.14dB

Kursor 2:

7.044896 MHz

Kanal1: -33.91dB – -40dB = 6.08dB

Kursor 3:

14.165086 MHz

Kanal1: -33.71dB – -40dB = 6.29dB

Kursor 4:

21.081842 MHz

Kanal1: -33.52dB – -40dB = 6.48dB

Kursor 5:

28.376404 MHz

Kanal1: -33.71dB – -40dB = 6.29dB

Kanal 1

max:-33.33dB 22.476818 MHz

min:-36.20dB 1.058124 MHz

High Gain (~12dB)

Kursor 1:

1.842798 MHz

Kanal2: -27.20dB – -40dB = 12.80dB

Kursor 2:

7.044896 MHz

Kanal2: -26.63dB – -40dB = 13.37dB

Kursor 3:

14.165086 MHz

Kanal2: -26.63dB – -40dB= 13.37 dB

Kursor 4:

21.081842 MHz

Kanal2: -26.63dB – -40dB = 13.37dB

Kursor 5:

28.376404 MHz

Kanal2: -26.63dB – -40dB = 13.37dB

Kanal 2

max:-26.24dB 12.421366 MHz

min:-28.16dB 1.029062 MHz

Willi Rass – DF4NW
Richard-Strauß-Str. 56
91315 Höchstadt
Germany