



• Front Panel Controls

Switch "POWER"

This on/off switch controls power. In the ON position the green LED is illuminated.

Switch "60us/J17"

With this switch the according audio de-emphasis could be selected. Most audio channels need 60us.

Control "BANDWIDTH"

This control allows variable IF-bandwidth adjustment and noise reduction.

Left position: maximum bandwidth

Right position: minimum bandwidth

By decreasing the bandwidth the audio threshold extension is increased. When adjusted too small distortions will occur. When receiving very weak signals a compromise between distortions and noise reduction has to be found.

Control "INPUT FREQUENCY"

The audio channel frequency could be selected in 10KHz steps in the range from 5.00 to 9.50 MHz. The yellow "PLL" LED is illuminated when the PLL locks in correctly.

• Rear Panel Controls and Connections

BASEBAND IN/OUT

The BASEBAND IN connector is fed with a baseband or MAC output signal from the satellite receiver. The provided signal must be non de-emphasized, unclamped and unfiltered with an amplitude of approx. 1 V_{ss}.

Please note:

When power is switched off the input signal is fed through without losses to the BASEBAND OUT connector.

INPUT LEVEL

With this control the correct baseband input level could be adjusted. Best position is normally achieved just before right position and no distortions could be heard when front BANDWIDTH control is set to MAX. position.

DC

An external DC power supply is connected here.

Please note: Check that the polarity is correct (positive-inner, negative-outer) and that the voltage is between 12 and 15 volts. Current requirement is about 150 mA.

2.1mm Power Jack

