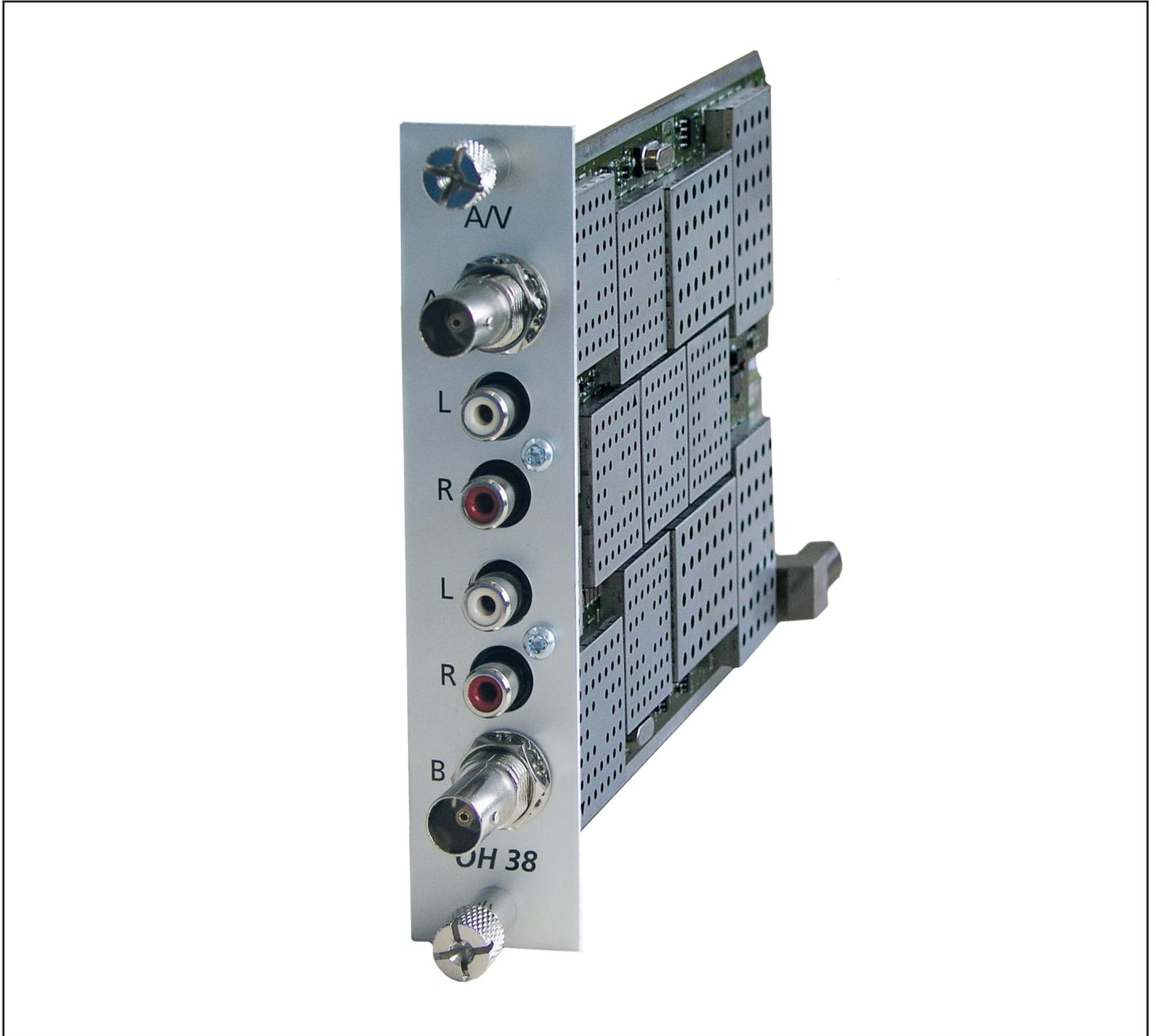
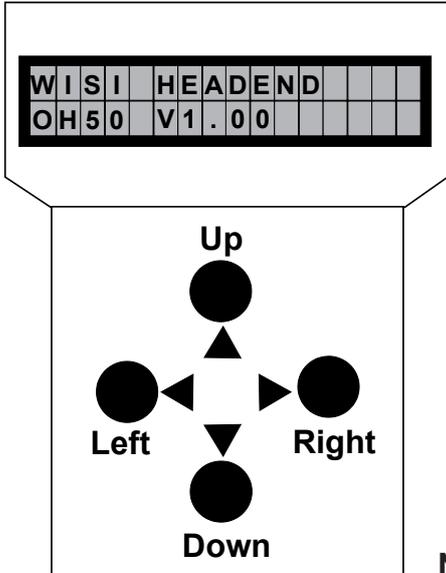


**WISI COMPACT HEADEND  
OH 38**



- Modulation of 2 A/V signals to 2 analog TV channels
- Multi standard operation
- Stereo capable vestigial sideband modulator, independently adjustable in 250 kHz steps
- Interface for audio/video with BNC/Cinch
- Output frequency range 45–862 MHz

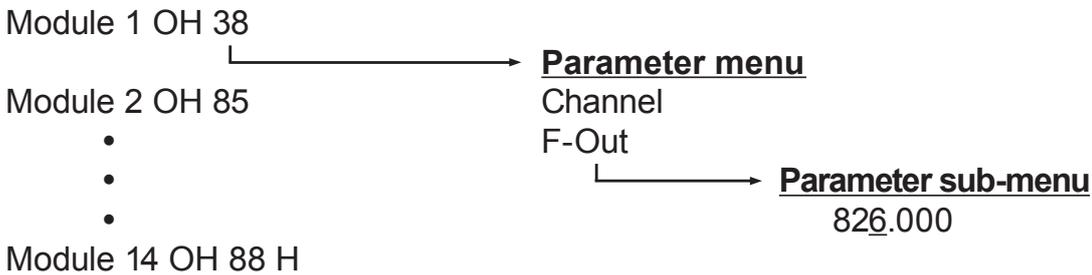


Note: After programming disconnect the handset.

**Stand by**

Supply voltage connected to basic unit and wait till mode “Initialising the modules” has finished. **Plug the handset into the socket**  **on the basic unit.** Press any key to call the module menu or System menu.

**Module menu**



**Module menu**

- ▲▼ keys — Select module 1..14
- ▶ keys — Move to parameter sub-menu
- ◀ keys — Back

### Parameter menu

- ▲▼ keys — Select parameter
- ▶ keys — Move to parameter sub-menu
- ◀ keys — Back

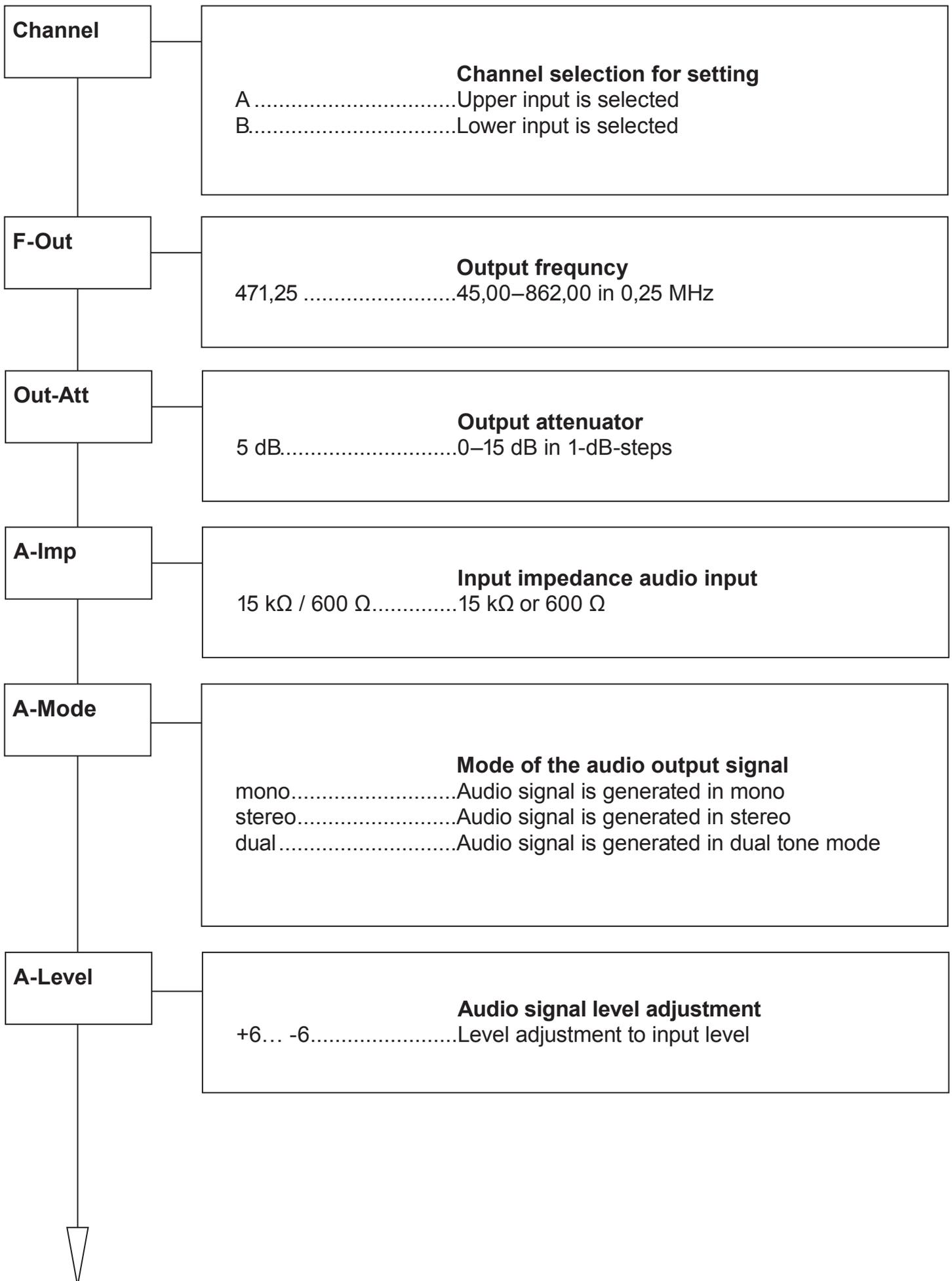
### Parameter sub-menu

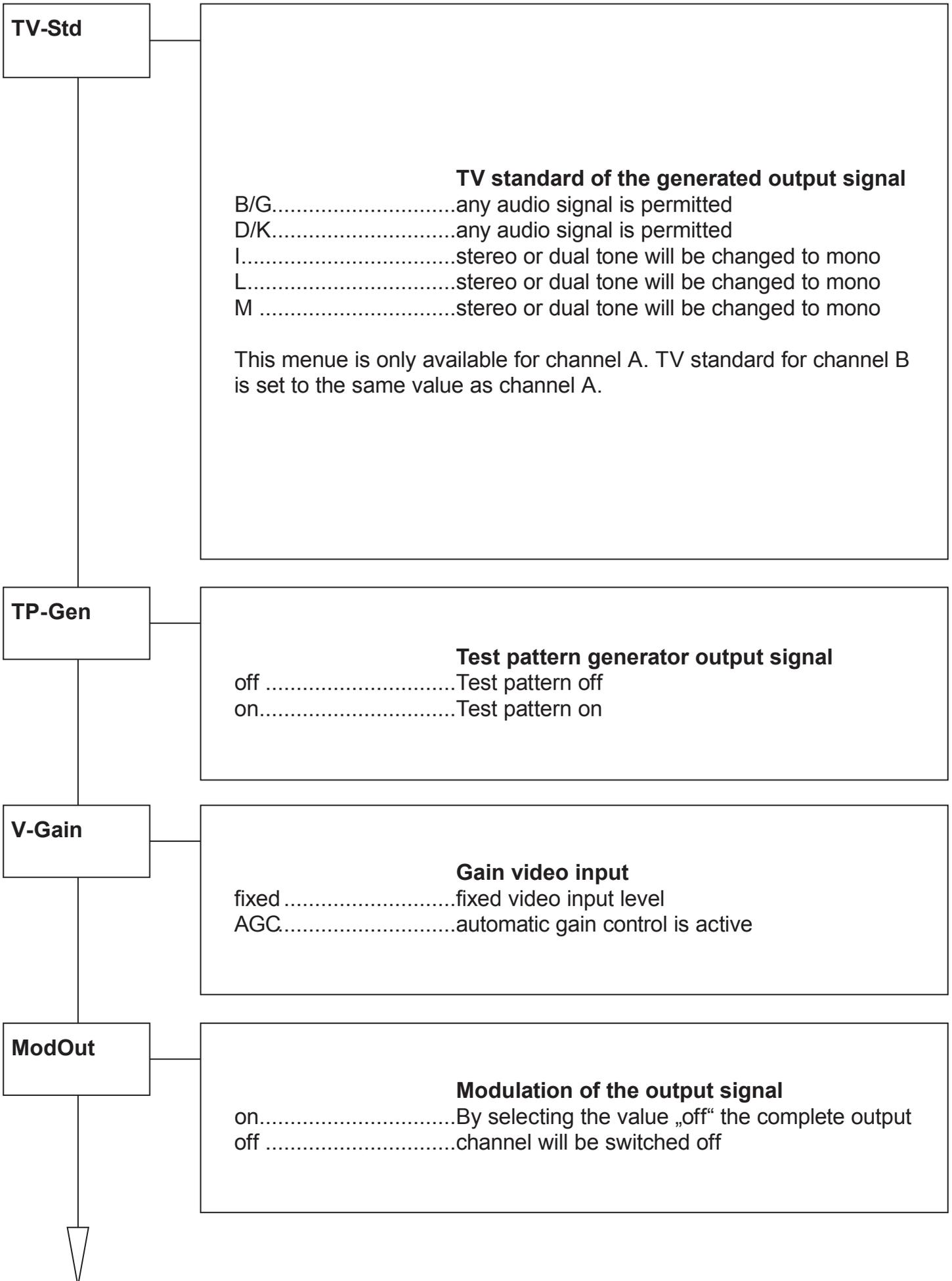
- ◀▶ keys — Select the digit to be changed  
Cursor blinks below the digit, e.g. 1894  
If the permissible range is exceeded, the unit returns to the parameter menu
- ▲▼ keys — Change the value, e.g. change 1894 to 1834

### Saving data

Data are saved automatically after leaving the parameter, or 60 seconds after the last entry.

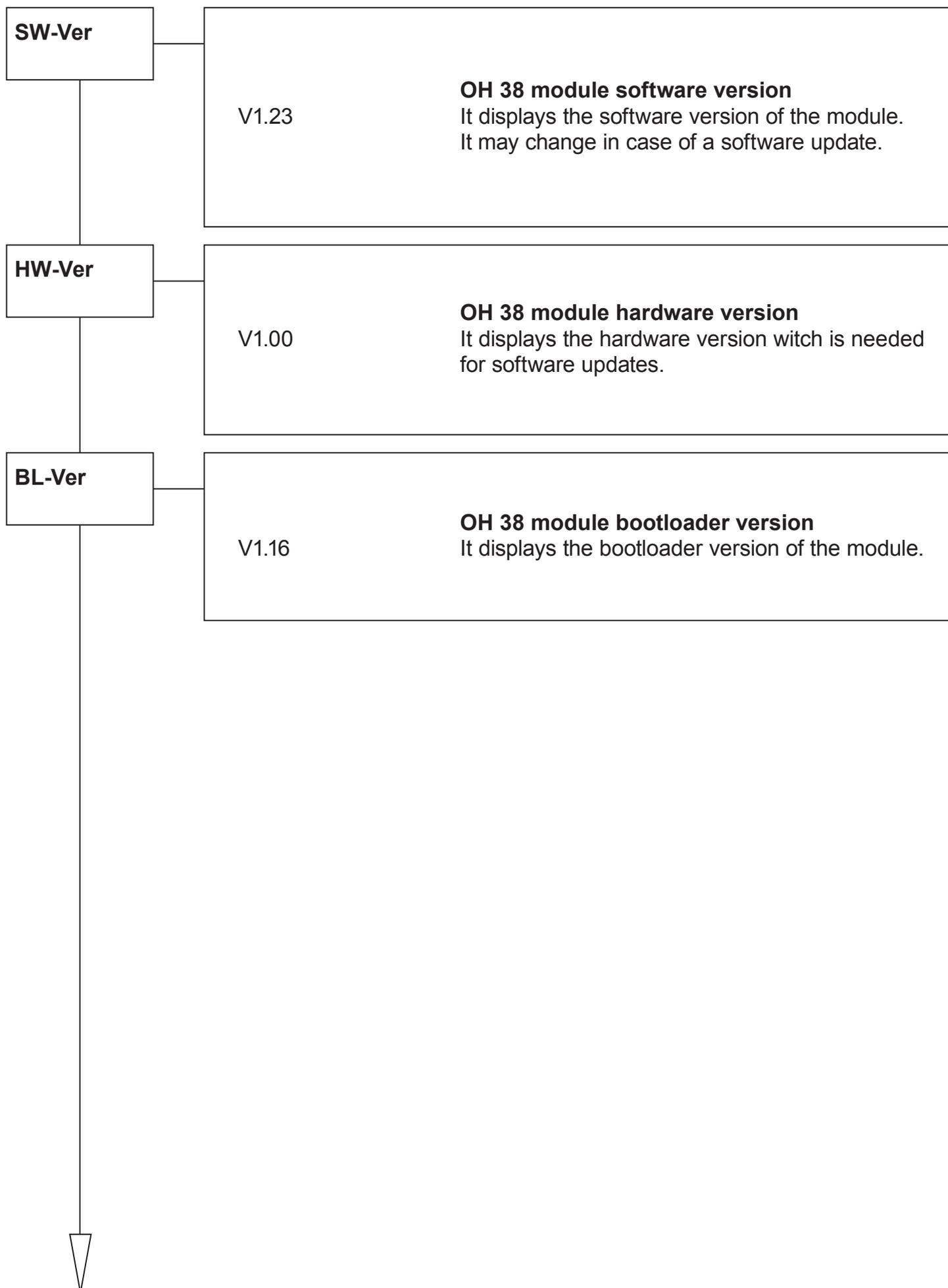
## Instructions





## Instructions

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Update

no  
yes

Insert USB Stick

V1\_59.bin\_

Start Update:Yes  
V1\_59.bin

Note:

**OH 38 module update**  
A controlled software update of the selected module can be done by selecting “yes”.

Connect a USB-stick with the OH 38 software to the USB-connector.

It displays the software with the highest version number first. Other versions can be selected with the “Up” and “Down” keys. The versions are sorted in ascending order. The selection of the version can be done by the “right”-key.

Now select Start Update ,yes‘, and confirm it with the “right”-key. The update will be started. Selecting “no” skips the update of the module software.

If in the Update files extension updates are available they will be also displayed. The update procedure is the same as described in the module update.

## Specifications

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### Input

Video input impedance	75 $\Omega$
Video input level	1 V <sub>ss</sub> $\pm$ 0,4 V
Video input bandwidth	20 Hz – 5 MHz
Audio input impedance	600 $\Omega$ / 15 k $\Omega$
Audio input level (for nom. deviation)	-4 dBm / 1 kHz
Audio level range	+6 dB ... -6 dB
Audio input bandwidth	40 – 15000 Hz

### Output

Output impedance	75 $\Omega$
Output frequency range	45 – 862 MHz
Frequency steps	250 kHz
Stability of output frequency	$\pm$ 30 kHz
Output channel bandwidth	7/8 MHz
Output level (1dB steps)	90 – 105 dB $\mu$ V
TV-standards	B/G, D/K, I, L, M
Audio format	Mono, Stereo, Dual
Group delay (-0,5...4,43 MHz)	< 80 ns
S/N video (CCIR-rec. 567-1)	> 57 dB
S/N audio (color test pattern)	> 50 dB
Stability of output level	$\pm$ 1,5 dB
Spurious	inside TV-channels > 55 dB outside a TV-channel > 55 dB

### General specifications

Dimensions	220 (253 *) x 105 x 29,5 mm
Connectors	* with F-connector
Video	2 x BNC
Audio L/R	4 x Cinch
RF-output	1 x F-connector
Power	Connector on board
Control	Connector on board
Current consumption (without CAM module or LNB-supply)	0,80 A / 12,5 V
Power consumption	< 10 W
Operating temperature range	-20 $^{\circ}$ C to + 55 $^{\circ}$ C
Nominal temperature range	+ 5 $^{\circ}$ C to + 55 $^{\circ}$ C

## Switching from normal mode to Macrovision mode

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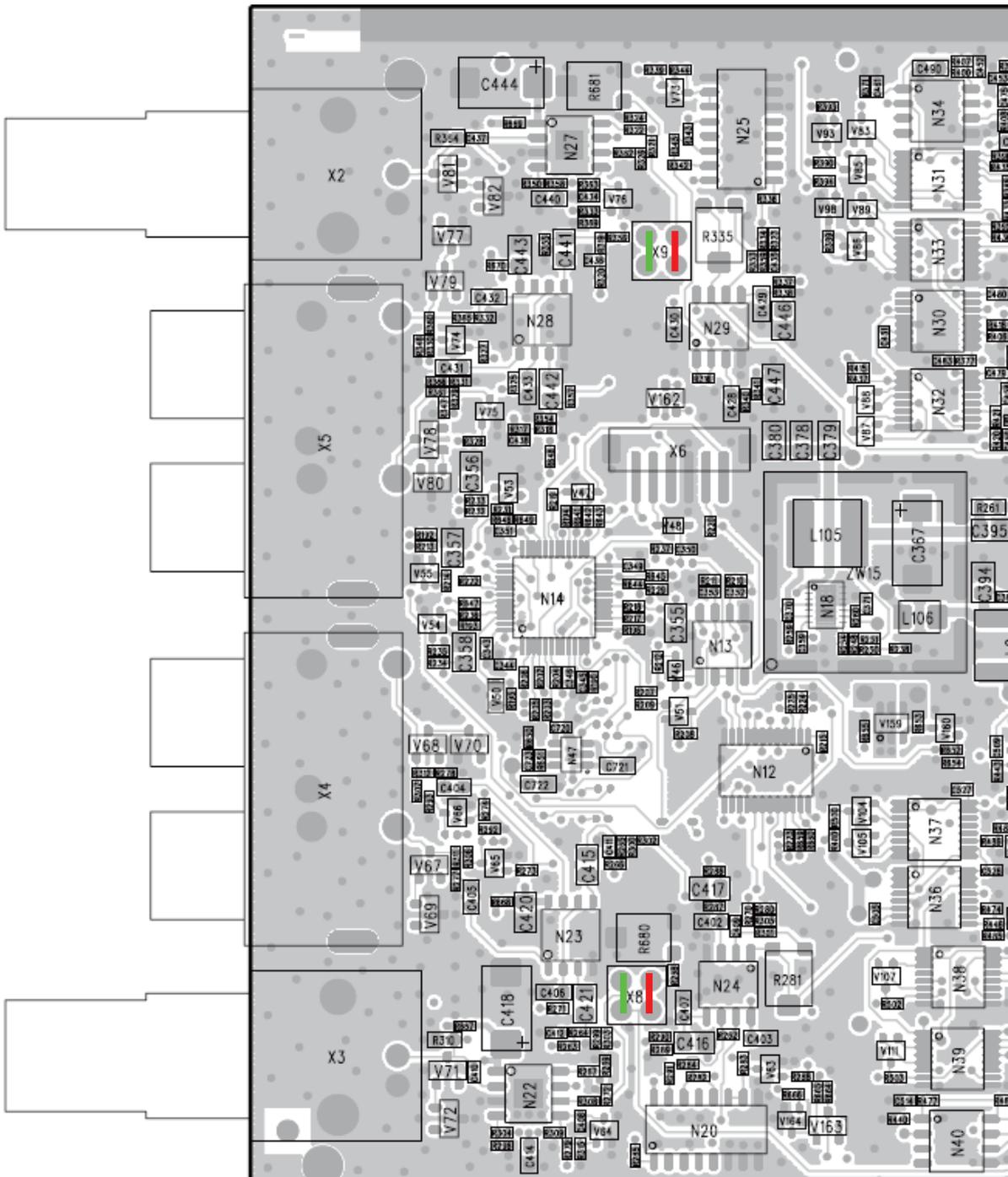
Normal mode > Jumper X8 and X9 plug right side (see red marking)

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Macrovision mode > Jumper X8 and X9 plug left side (see green marking)

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Remark: In Macrovision mode the Video-AGC is deactivated!





WISI Communications GmbH & Co. KG

*excellence in digital ...*

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