

and the module position (01 - 15) at the Headend Controller (HCB 100)

yellow LED is lit up til the beginning of the parameter adjustment

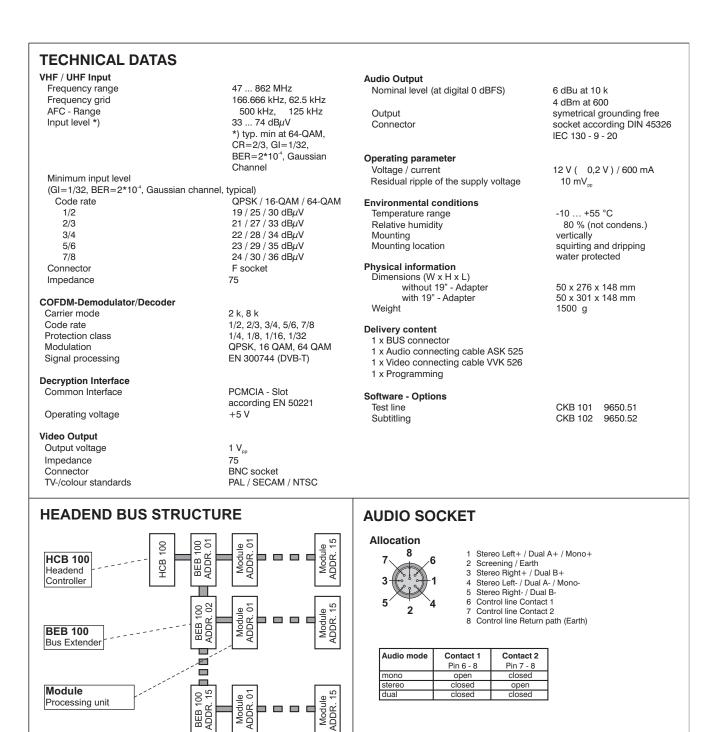
Adjustment of the TDB 709 parameter (see Pic. 04) green LED is lit up

After the programming, the TDB 709 will be automatically switched into the operating status yellow LED light up briefly / green LED is lit up

## Adjustment with PC / Laptop

Condition for the remote programming is an "online - connection" after IP - standard and an ethernet connection at the PC / Laptop Adjustment of the line / position addresses at the Bus Extender BEB 100 as well as at the modules At the Headend Controller HCB 100 IP - address input (e.g. 192.168.001.001) For "direct connection" between a PC and HCB 100 use a crossed patch cable (RJ 45) For connection over a deviation use an uncrossed patch cable HTML - browser start-up and put in IP - address as target address If connected correctly the HTML - control surface at the PC will open up and a blue LED (LINK) at the HCB 100 will be lit up All adjustment of the modules are specified at the control surface

The manual instructions of the Headend Controller HCB 100 and the Bus Extender BEB 100 have to be considered!



Pic. 03

## SECURITY AND OPERATING INSTRUCTIONS

The number of the possible module connections (00 ... 15) to a BEB 100 depends on the total power consumption of this line!

When assembling, starting-up and adjusting the modules, it is necessary to consider the system specific references in the manual instruction!

Pic. 02

- $\Delta$  The modules may only be installed and started up by authorized technical personnel!
- A When assembling the modules into the receiving points, the adherence of the EMC regulations is to be secured!
- A The assembly and wiring have to be done without voltage!
- All active modules may only be operated with the Headend Controller HCB 100 or Bus Extender BEB 100!
- A The main voltage and the operating voltage of the modules working by DC have to be in complience to the operating parameters described in the technical datas.
- M With all work the defaults of the DIN EN 50083 have to be considered! Especially the safety relevant execution of the DIN EN 50083/1 is necessary!

Options and other TV standards available upon request!

Changes due to technical progress possible.

Part n°: 9864.01

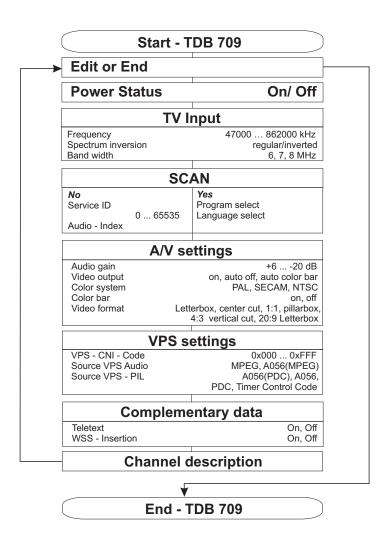
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## **TDB 709**

## PROGRAMMING





Pic. 04

The manual instructions of the Headend Controller HCB 100 and the Bus Extender BEB 100 have to be considered!