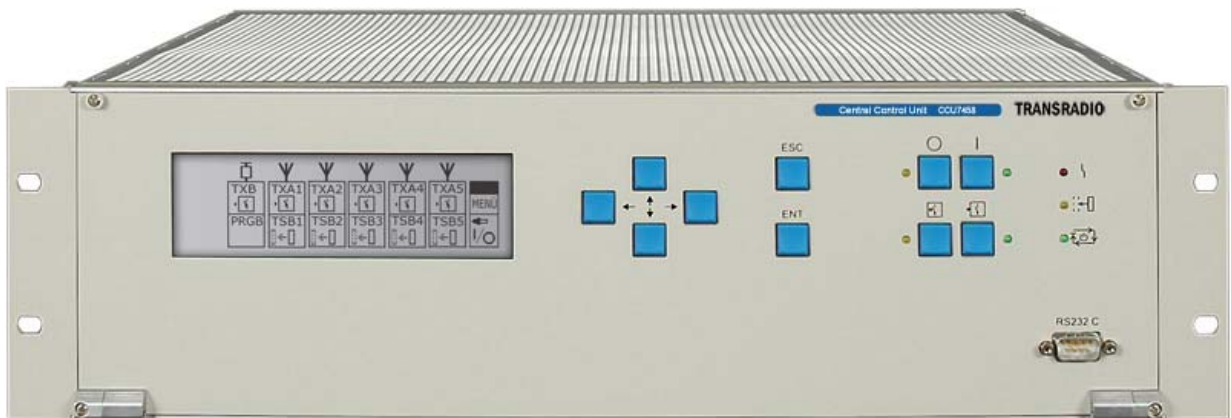


## CENTRAL CONTROL UNIT CCU7456



### Central Control Unit for a (5+1)-System

The Central Control Unit CCU 7456 is designed to operate and control transmitter systems.

It has universal application in active and passive reserve systems, pre- and final stage reserve, (n+1)-systems and the control of antenna selector switches.

The CCU controls up to six service transmitters and one reserve transmitter in a (n+1)-system.

The CCU automatically switches to reserve transmitter operation when a service transmitter develops a fault. The switchover criterion as well as the delay time between missing RF indication and switchover and the priority of the survive transmitter are freely selectable. All program specific settings of the service transmitter are effective when switching over to the reserve transmitter. Furthermore, manual switchover and operation of the individual transmitters via the CCU is possible. During the switchover process, the CCU controls the external switches for the modulation- and RF signals and for the carrier blocking loops.

The CCU is accommodated in a 19"-EURO-cassette subrack of 3 U height and equipped with different assemblies depending on the version. The individual assemblies are in the form of Euro-cards inserted from the rear in the cassette subrack. All operating and display elements are arranged on the hinged front panel. The set operating values and the status of the transmitters and antennas, respectively, are symbolically represented in the graphic display. All connections to the respective components of the transmitter system are arranged at the back of the unit.

**Highlights of the Central Control Unit CCU7456**

- Universal application
- Controls up to six service transmitters and one reserve transmitter in a (n+1)-system
- Remote control via RS 232, Relays, BITBUS, SNMP or HTTP
- Transmitters connected via CAN-BUS or RS 232
- Power supply and drive of the RF-2-way switches via the CCU
- Dummy load cooling controlled via the CCU
- All settings are stored in a non-volatile FLASH-EPROM
- Simple and intuitive menu control in the graphic display
- Service friendly design with plug-in Eurocard modules
- 19" slide-in technology of 3 U height
- Fast overview of the operating status of the CCU by means of LED's on the front panel
- Status information of all transmitters and antennas are simultaneously shown on the graphic display

**Technical Data**

Remote interfaces	Standard: RS232 Option: Relays, BITBUS, SNMP or HTTP
Mains supply	1/N/PE, 100 V ... 240 V (wide range)
Mains frequency	47 Hz ... 63 Hz
Operational readiness after mains failure	< 2 sec
Dimensions W x H x D in mm	483 x 132 x 370
Weight with full complement of assemblies	6 kg

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