

Product sheet

TRB 3 (TETRA Radio Box)



Article Number: 501585

Short description:

- Compact 19 inch drawer cassette with TETRA digital radio transmitter
- RS232 interface, e.g. for IBIS board processor
- Automatic feedback level on IBIS faulty
- Emergency call control through integrated micro controller
- Software update via service interface
- BNC connection for antenna
- Power supply with board net filter for 24V operation
- Integrated performance enhancer for driver's speaker
- NF interface for radio transmission to passenger
- Micro controller driven component assembly
- Integrated GSP receiver
- Radio area switchover in case of a faulty IBIS
- External connection for control panel CUR 3

Specification

Type of transmission	digital
Operational voltage	24V
Power input	max. 3A
HF performance	3 W
Frequency range	410 – 430 MHz
V + D air interface	according to EN 300392
Transmitting power	4 level from each 5 dB
Signalling to dispatcher	Call-Back Request
Gate output for emergency alarm	1 potential-free closing device, max. 1A
Deleting gate output for emergency	max. 50 mA, Open Collector
Input for transmission key	24V optocoupling input
Input for emergency key	24V optocoupling input
Performance output driver speaker	3W RMS
Microphone input	775 mV, 200 Ohm
NF interface for radio transmission to passenger	775 mV, on 600 Ohm
Serial interface for IBIS	V24 Standard, 9600 Baud VDV-IBIS-interface (only transmit data from IBIS)
Temperature range	-20 °C to +70 °C
Casing	19" casing
Dimensions (W x H x D)	163 x 129 x 200 mm (32 TE x 3 HE)
Weight	2.6 kg

Meets the following standards:

Climate-proof and shake-proof	EN 50155
Electro-magnetic compatibility (EMC)	EN 50121-3-2
Emitted interference	EN 55022



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Accessories:

<i>Article Number</i>	<i>Description</i>
500792	Adaptor cable for parameterisation of radio transmitter
500793	Adaptor cable for loading of system software
xxxxxx	Control panel CUR 3

All information provided in this product sheet refers to the current conditions and may be subject to change.