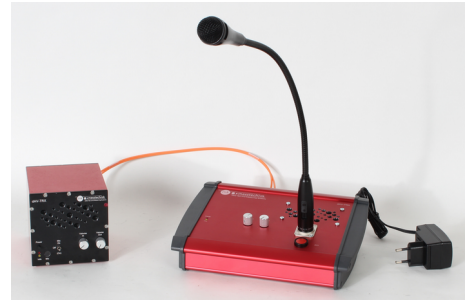
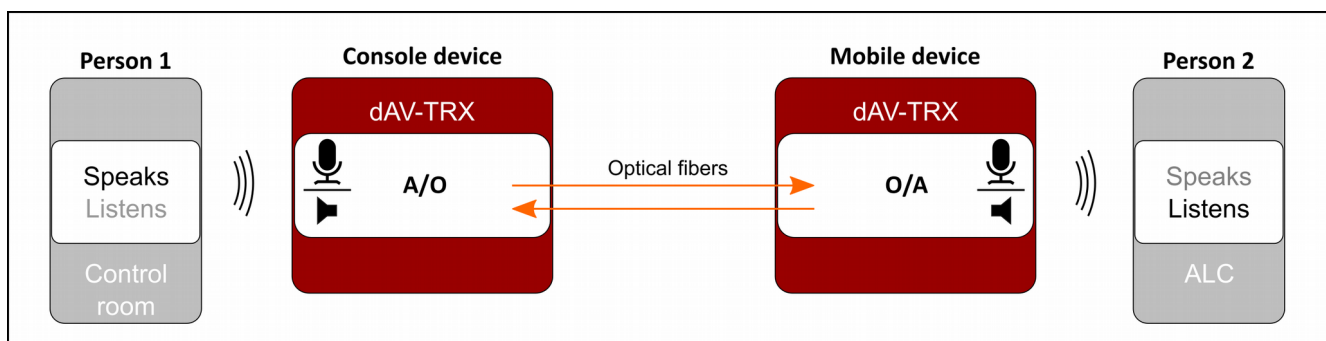


Field of application and characteristics

The **dAV-TRX** system is used for the bidirectional optical transmission of voices during EMC tests (half duplex intercom). One transceiver is equipped with built-in batteries for mobile use (inside ALC), the second one is powered with an external power supply. Fields of application are the acoustic (and optional optical) monitoring of A/V – devices, engines or radios and the use as an intercom system for absorber lined chambers. The device can stay in the chamber during the tests.



Application



Technical Data

Mobile microphone:	internal, mono; volume controlled
Table top microphone:	external plugable, mono; volume controlled
Frequency range:	approx. 60 Hz to 15 kHz (-3 dB)
Talking modes:	gain of microphone and volume of speaker separately adjustable push to talk, constantly on (one side), off
Power supply:	5 NiMH cells with 4 Ah; >20h; 5-poled charging / DC connector
Case dimensions:	mobile: 150 mm x 100 mm x 100 mm; aluminum case table top: approx. 250 mm x 200 mm x 100 mm (w/o gooseneck mic)
Weight:	approx. 800 g

Optical Fiber

Connector / type: FSMA / Duplex-Multimode LWL 62,5/125 µm

Options

- external battery packs / power supply
- ST or FC fiber connectors
- horn speaker and shielded power supply for wall mount use inside ALC
- head phone setup with full duplex connection (integrated speaker / mic omitted)