

## General Information

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This system can be used for **bidirectional** optical transmission of audio and video signals. The transceivers have a built in microphone, connectors for Line IN and Line OUT, Video IN and OUT, an internal speaker and a connector for an external speaker for stereo-signals. Optionally a small low cost camera can be connected to the transceivers for simple control functions.

Applications range from control of acoustic signals of engines or radios to transmission of audio and video signals during EMC tests. The system can also be used as an intercom system during the setup of EMC tests and can remain in the test chamber all the time.

The system is compatible to the AV-C / AV-R camera-system and to the one-way audio/video transmitter AV-T / AV-R.

## Technical Data

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### Transmitter:

Microphone:	mono, internal or external via 3.5 mm-connector
Line IN / OUT:	stereo, Cinch
Frequency range (-3dB):	approx. 60 Hz to 15 kHz
Video IN / OUT:	impedance 75 $\Omega$ , Cinch and 3-pole, screened connector with power supply for miniature camera
Power supply:	external (AC/DC-Adapter) or internal NiMH-batteries, 5 cells: 6 V, 4 Ah (standard is one external and one internal)
Operating time:	> 20 h
Size (LxWxH):	150 mm x 100 mm x 100 mm
Weight:	approx. 800 g

### Extra small camera (optional):

Dimensions (LxWxH):	60 mm x 40 mm x 40 mm (100 mm including mounting parts)
Characteristics:	PAL, color, manual focus, fixed focal length

