

## General Information

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The AV-Rxx is a **multiple channel** receiver for the optical and acoustical monitoring of devices under test in the investigation of electromagnetic compatibility. Cameras (AV-C, AV-Cr), acoustical transmitters (AV-T), or intercoms (AV-TRX) can be used with this device. Depending on the ordered configuration cameras and pan/tilt-units can be operated by **remote**. In addition, an **audio/video switch matrix** with 16 in- and outputs and **on screen display** (OSD) of text in 8 video-outs can be integrated.

External control panels for a remote control of the functions of the camera, the AV switch matrix, and the pan/tilt-unit can be connected to the receiver via several RS 485-interfaces.

One area of application is the monitoring of complete EMC-cabins and of vehicles with the help of several cameras. The video signals can be displayed on monitors or stored on a video recorder. This system is compatible to all devices of the AV-series (AV-T, AV-C, AV-TRX,...).

## Technical Data

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Optical input:	0-8 inputs possible
Optical outputs:	remote control of the functions of the camera possible for each channel
Optical outputs:	max. 2 outputs for audio-/video-signals, e.g. for intercom
Line IN and video IN:	max. 16 channels (less the optical outputs)
Audio OUT:	two integrated loudspeakers (for stereo), two additional external (passive) loudspeakers can be connected
Line OUT:	impedance 2.2 k $\Omega$ , max. 16 channels
Video OUT:	impedance 75 $\Omega$ , max. 16 channels
On screen display:	on max. 8 channels, data input RS 232
Connector for control panel:	RS 485
Power supply:	external 12 V power supply
Dimensions (LxWxH):	for 19"-rack mounting, 3 HE, depth approx. 350 mm