Supported microphones

Ceiling microphone

Ceiling microphones are omni directional and are suitable for both speech as other sounds. MediaRecorder supports the following ceiling microphone:

Sennheiser MKE2-60-Gold-C (can also be used as table microphone)

The microphone needs 12-48V phantom power.

Table microphone

Table microphones are acoustically optimized for picking up speech. They are designed for use on conference tables, altars and lecterns. MediaRecorder supports the following table microphones:

- Sennheiser ME35
- Sennheiser ME36
- Sennheiser MKE2-60-Gold-C (can also be used as ceiling microphone)
- Sennheiser e 912 S BK

These microphones need 12-48V phantom power.

- Nikon ME-W1

Wireless microphone

MediaRecorder supports the Sennheiser EW 312 G3 B series wireless microphone set. Use this wireless microphone set when there is more than one test participant, and/or the participants are moving. The microphone set comes with a clip-on microphone and a receiver.

The wireless microphone receiver continuously switches between antennas, checks which antenna picks up the strongest signal and selects this one. This means that the antennas can be mounted at different places. If for example the reception is poor when the wireless microphone is in the experiment room, you could decide to install one antenna in this room. If the quality of the received signal is bad, for example if the signal has to go through a wall, you can use the special coax cable for extending the antennas (50?). In general you want both antennas to use the same cable length. It is recommended to position the two antennas at an angle of 90º.

No phantom power is needed for the wireless microphone. The signal that comes from the receiver is preamplified.

MediaRecorder also supports the Nikon ME-W1 microphone. This microphone has been tested in a portable lab set-up with a Dell 3551 notebook and Axis P1375 cameras. For more information see Recording devices.

Audio mixer

With an audio mixer you can adjust the audio streams before they go to MediaRecorder. Furthermore, you can combine the audio streams from two or more microphones. MediaRecorder supports the following audio mixers:

- Extron DMP 64
- Extron DMP 128

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