



Solution-D Software Release: What's New

Feb 2019

The **Solution-D software release** consists of the following versions:

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| Remote Control Software RCS: | 2.0.4 |
| Digital Microphone Interface DMI-2 | |
| Hardware version 003: | 5.08 |
| Digital Microphone Interface DMI-2 portable | 1.06 |
| Digital Microphone Interface DMI-8 | |
| Hardware revision 001: | 1.38 |
| Hardware revision 001: | 1.44 |
| Multichannel Audio Interface MCA-ES | 1.00 |
| Microphone D-01 | |
| Hardware revision 12.02: | 5.14 |
| Hardware revision 13.03: | 6.05 |
| Microphone KM D: | 2.13 |
| Microphone TLM103 D: | 1.07 |
| Microphone KMR 81 D: | 1.03 |
| Microphone KMS104 D | 1.01 |
| Microphone KMS105 D | 1.01 |

Important: Due to extensions of the AES42 standard and advanced functionality the new remote-control software RCS is not compatible to previous software versions. Foremost this is related to a new data format between the RCS and the DMI-2 or DMI-8. Therefore the DMI-2 firmware has to be updated necessarily to the current version. **This is valid for the DMI-2, Hardware revision 03 only. Hardware revision 02 is not longer supported and will not run in combination with the latest RCS version 2.0.4.** It is strongly recommended to update the microphones to the latest version of the firmware, if this is not installed yet.

Release infos

- **Release November 2012**

signed USB driver for Windows 8 and new USB drivers for Mac OS X 10.3 - 10.8
bug fix in DMI software update for ID14

- **Release February 2019**

signed USB driver for Windows 10 and new USB drivers for Mac OS X 10.3 - 10.14
DMI-8 AES3 play out from EtherSound

Manual Addendum

- **DMI-8 AES3 play out from EtherSound**

DMI-8 can be used to play out up to 8 EtherSound channels to its AES3 outputs. In RCS, open the menu "Options – DMI", select the address of the DMI you want to use to play out and Click on the field named "AES42 to AES / EBU". On the menu that opens, click "Network to AES / EBU". In ES-Monitor an additional patch field appears for patching any EtherSound channel to any of the 8 AES3 outputs. Note that you also can play out any of the channels of the DMI-8 itself, which are routed to an EtherSound channel. This feature is available only in DMI-8, hardware revision 2 or higher and EtherSound module ES100 (DMI-8) from serial number 67.

- **Control of DMI-8 via Ravenna**

DMI-8 can be controlled using a web browser via the same Ravenna connection carrying its audio data. An Ravenna module "RAV100 (DMI-8)" has to be installed.

- **FAST DPP**

The remote control data stream into the microphone is executed by modulating the DPP (Digital



Phantom Power) with positive pulses and with about 750bit/s according to the valid version of the AES42 standard. Now the remote control data can be alternatively generated with about 9600bit/s. Thus remote control commands and firmware updates are executed much faster. This function is supported by the latest firmware versions of the microphones and digital interfaces from Neumann and will be included in the next version of the AES-42 standard.

- **MZD8000**
The firmware download as well as storage of basic settings is available for Sennheiser MZD8000.

Georg Neumann GmbH, February 2019