



Evolution Wireless Digital - EW-DX

EW-DX EM 2 | EW-DX EM 2 Dante | EW-DX EM 4 Dante

EW-DX SKM | EW-DX SKM-S

EW-DX SK | EW-DX SK 3-PIN

EW-DX TS 3-pin | EW-DX TS 5-pin

Firmware version 3.0.3 - Release date 2024-11-28

For conformity, consistency and compatibility reasons, we strongly recommend upgrading the system to the new release.

Features

- STP (Spanning Tree Protocol) can be enabled or disabled for EW-DX EM 2 Dante and EW-DX EM 4 Dante devices through the menu settings. The default state is 'On'.

Resolved Known Issues and Optimizations

- Improvement of Audio Mutings for certain wireless scenarios during A-B Antenna radio switching.
- Resolved an issue where auxiliary data transmission would cause incorrect states when leaving and entering the wireless reception area.
- Fixed an issue where a "walktest" would block access via client applications.
- Addressed a problem where the receiver would not work properly with WSM, when the device was bonded with a mobile device.
- Resolved a problem where updating the receiver to a new firmware version would keep the encrypted key without resyncing to the transmitter.
- Other bug fixes and optimizations.

Know Issues

- After modifying the Dante IP addresses of an EW-DX EM 2 Dante and EW-DX EM 4 Dante the previous Dante IP address remains valid in the network. Restarting the device after modifying the Dante IP configuration resolves this issue.

Firmware Update

The EW-DX firmware update requires the Sennheiser Control Cockpit (SCC) software, the Sennheiser Smart Assist App (SAA) or the Sennheiser Wireless Systems Manager (WSM) software:

www.sennheiser.com/control-cockpit-software

www.sennheiser.com/smart-assist-app

www.sennheiser.com/wsm



Previous releases

Firmware version 3.0.2 - Release date 2024-08-27

- Support of IGMP Snooping for single cable network mode
- Support of STP for network connectivity
- Network: Resolved the issue where additionally random mac addresses occur in using EW-DX EM 2 Dante and EW-DX EM 4 Dante
- Control: Fixed an issue where activating encryption at the receiver without resyncing the transmitter did not unlink the connection
- Control: Resolved the issue that might unexpectedly stops the operation of the receiver because the transmitter moved in the peripheral area of the receiving field
- Control: Resolved an issue where a frequency scan during a Wireless System Manager multiclient sessions become unresponsive
- Wireless System Manager: For future firmware updates the update process for EW-DX EM 2, EW-DX EM 2 Dante and EW-DX EM 4 Dante would not occasionally interrupt or result in incorrect progress information being displayed
- Other bug fixes and optimizations

Firmware version 3.0.0 - Release date 2024-03-08

- Support for EW-DX EM 4 Dante
- New feature “Device lock” for receiver to prevent accidentally operations
- New feature “Walktest” for monitoring RF level
- New feature “AES67 Mode”
- Fixed issue “Audio drop outs in certain near field scenarios” for EW-DX EM 2 & EW-DX EM 2 Dante
- Fixed “Match configurations and channel sorting” with WSM software
- Several Bug fixes

Firmware version 2.0.1 - Release date 2023-11-20

- Support of EW-DX EM 2 Dante
- Support of EW-DX TS 3-pin and EW-DX TS 5-pin
- Support of Smart Assist App
- Implementation of RF level warning (Peak and low signal)
- New feature “Display brightness”: Possibility the brightness of the receiver display
- Optimization of Auto Setup /Scan: the scan selects now the “best” free channel, with the lowest RF level independent from the position in the list
- Several Bug fixes



Firmware version 1.2.13 - Release date 2023-04-19

- Support of 802.1x
Detailed instructions on how to implement 802.1x can be found in the download section of the product page at www.sennheiser.com/ew-dx
- Support of EW-DX devices in WSM
- Implementation of AF peak warnings
- Bug fix: The cable emulation settings for the SK could also be synced to the SKM. This bug has been resolved.
- Bug fix: After performing an update, the “Manual” IP mode was not working correctly. This bug has been resolved.
- Other bug fixes and optimizations

Firmware version 1.1.3 - Release date 2022-11-21

- Implementation of AES 256 encryption for the wireless links
- New entries in the receiver’s menu for transmitter configuration:
 - Trim
 - LED functionality
 - Low cut
 - Cable emulation
 - Auto lock of transmitter buttons
 - Sync parameters
The sync parameter menu entry offers the possibility to select which parameters should be synchronized to the transmitter. If a parameter is deactivated, a change of this parameter will not be synchronized to the transmitter
- Additional home screen with firmware information of receiver and transmitters (scroll to the right from home screen)
- Improved bargraph layout
- Bug fix: The link local address was changed after updating the firmware. This bug has been fixed.
- Other bug fixes and optimizations