Wireless Systems Manager 4.4.7

System Requirements

<table>
<thead>
<tr>
<th>Windows</th>
<th>Mac</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows 10 32 Bit</td>
<td>macOS Mojave 10.14</td>
</tr>
<tr>
<td>Windows 10 64 Bit</td>
<td>macOS Catalina 10.15</td>
</tr>
<tr>
<td>8 GB RAM</td>
<td>8 GB RAM</td>
</tr>
</tbody>
</table>

Compatible Sennheiser Products

<table>
<thead>
<tr>
<th>Product / Series</th>
<th>Required Firmware Version (or higher)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital 9000</td>
<td>4.0.0</td>
</tr>
<tr>
<td>Digital 6000</td>
<td>EM 6000: 3.0.4</td>
</tr>
<tr>
<td></td>
<td>L 6000: 2.0.11</td>
</tr>
<tr>
<td>EM 373x (COM) + EM 373x-II (COM)</td>
<td>2.2.0</td>
</tr>
<tr>
<td>Series 2000</td>
<td>1.8.1</td>
</tr>
<tr>
<td>Series 2000 IEM</td>
<td>1.8.1</td>
</tr>
<tr>
<td>ew 300 G4</td>
<td>1.2.0</td>
</tr>
<tr>
<td>ew 500 G4</td>
<td>1.2.0</td>
</tr>
<tr>
<td>ew IEM G4</td>
<td>1.2.0</td>
</tr>
<tr>
<td>ew 300 G3</td>
<td>1.8.0</td>
</tr>
<tr>
<td>ew 500 G3</td>
<td>1.8.0</td>
</tr>
<tr>
<td>ew 300 IEM G3</td>
<td>1.8.0</td>
</tr>
</tbody>
</table>

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Resolved Issues

- **Professional Setup**
  - The lower and upper frequency range of system regions are now calculated based on selected carrier spacings and system frequency ranges of containing channels
  - Users are now notified on changes affecting correlated system regions
  - Analyzing the frequency spectrum does now work properly with configuration files containing a spectrum scan
- **Remote Access**
  - When using the password functionality for remote access, users now also need to enter the password during the start of WSM in case the remote access is active
- The default configuration is now remembered through update installations of WSM

Known Issues

- MAC installation might get stuck in managed networks with a proxy needing credentials
  - Disabling the network port or unplugging the network cable prior to the installation will help here
- Sometimes a gap in the spectrum scan of an EM 6000 occurs
Previous Releases

Wireless Systems Manager 4.4.6

- Support of new macOS Catalina (10.15)
- EM 6000: Support of new transmission mode: Link Density (LD)
  - in Device Properties
  - in Professional Setup
  - in Monitoring Tiles
  - in Match configuration
- Messages Window
  - The tab is now highlighted when critical (red) messages are received
  - All messages sent from devices or channels are displayed in an aligned format now
- Professional Setup
  - Spacing parameters, except 2Tx IM(3), can be set to 0 kHz now for all devices
  - Spacing parameters can now have a max value of 975 kHz for all devices
  - Creating and maintaining empty system regions is now possible
  - System regions do not change their lower and upper frequency anymore when adding or removing channels
- Spectrum Analyzer
  - RF Threshold is now adjustable for digital devices
- Invalid error messages from old NET1 device support removed
- On match configuration the grid system of the selected scene will not change anymore
- Improved EM 6000 and L 6000 detection
  - We continue working on this issue which still happens from time to time

Wireless Systems Manager 4.4.5.1

- Some users experienced some issues starting WSM after installation. Those where caused by a missing Microsoft Visual C++ update. From 2019-06-27, we provide a new installer, including the required components of Visual C++. We recommend all users use the latest installer available.

Wireless Systems Manager 4.4.5

- Configuration enhancements
  - Double click .wsm files to start WSM with the clicked configuration
  - Start WSM with a specific configuration via cmd command
  - Configurations remember the last selected scene
  - Possibility to define a .wsm file as default configuration
  - Enable “Remote Access” is switched on by default
- Performance improvement by rework of the internal messaging system
- Bug fixes (see some highlights listed below)
  - Resolved scanning issues with Firmware 2.2.4 of EM 6000
  - Introduced missing Frequency range A5-A8 for SK/SKM 6000/9000
  - In device configuration EM 3732 frequencies are not set to default anymore after loading a configuration
Wireless Systems Manager 4.4.4
- Support of new bodypack SK 6212
- Support of new L 6000 charging module LM 6062 and associated battery pack BA 62
- Support of new frequency range K+ for ew G3 and 2000 series
- Bug fixes
- L 6000 warnings are now updated without restarting WSM
- L 6000 “Battery Too Hot” warning is now working properly when storage mode is set
- EM 6000 Double Dante ports are not changing IP on match configuration anymore

Wireless Systems Manager 4.4.3
- Support of new frequency range L-US for SKM 5200-II, SK 5212
- Support of new frequency range A5-A8 US for SK(M) 6000 and SK(M) 9000
- Support of new frequency ranges Gw1 and Aw+ for Series 2000
- Compatible with macOS Mojave
- Performance improvements
- Bug fixes

Wireless Systems Manager 4.4.2
- Corrected ew G4 frequency ranges

Wireless Systems Manager 4.4.1
- Support of ew G4 series

Wireless Systems Manager 4.3.2
- Support of EM 6000 firmware 2.0

Wireless Systems Manager 4.3
- Support of Digital 6000 series (EM 6000, SK/SKM 6000)
- Support of L 6000 charger

Wireless Systems Manager 4.2.6
- Bug fixes

Wireless Systems Manager 4.2
- For Digital 9000 systems with firmware version 3.0 or higher: Audio streaming to Wireless System Manager version 4.2
- Support of Digital 9000 Dante module (EM9046 DAN)
- DANTE streaming to WSM