



## Digital 6000

EM 6000 - Firmware version 3.2.1

SK/SKM 6000 - Firmware version 1.1.51

SK 6212 - Firmware version 1.3.23

## Features

- ▷ External Dante wordclock with 96 kHz now supported
- ▷ Bug fixes and optimizations

## Firmware update

- The Digital 6000 firmware update requires the Sennheiser Wireless Systems Manager software:  
[www.sennheiser.com/wsm](http://www.sennheiser.com/wsm)



## Previous Releases

### EM 6000 - Firmware version 3.1.1

(incl. SK/SKM 6000 Firmware version 1.1.51 / SK 6212 Firmware version 1.3.23)

- ▷ Improved RF performance in venues with extreme reflections and fading
- ▷ Updated capsule detection
- ▷ Bug fixes and optimizations

### EM 6000 - Firmware version 3.0.4

(incl. SK/SKM 6000 Firmware version 1.1.51 / SK 6212 Firmware version 1.3.23)

- ▷ Support of new Link Density transmission mode
- ▷ Update of Japan frequency ranges to ensure consistent results of frequency scan:  
lower frequency limit increased from 470.150 MHz to 470.200 MHz  
upper frequency limit decreased from 713.850 MHz to 713.800 MHz
- ▷ Bug fixes and optimizations

### EM 6000 - Firmware version 2.2.4

(incl. SK/SKM 6000 Firmware version 1.1.29 / SK 6212 Firmware version 1.3.6)

- ▷ Full support of SK 6212 mini bodypack transmitter
- ▷ Auto Setup: Frequency limit for USA adapted to new regulatory limitation (608 MHz)
- ▷ Auto Setup: Update of country selection
- ▷ Channel spacing of E bank (for equidistant frequency grid) changed from 600 kHz to 400 kHz
- ▷ Update of frequency ranges due to regulatory reasons:  
lower frequency limit increased from 470.100 MHz to 470.200 MHz  
upper frequency limit decreased from 713.900 MHz to 713.800 MHz  
upper frequency limit of A5-A8 US range decreased from 607.900 MHz to 607.800 MHz
- ▷ Default user frequency changed from 470.100 MHz to 470.200 MHz
- ▷ Bug fixes and optimizations

### EM 6000 - Firmware version 2.1.9

(incl. SK/SKM 6000 Firmware version 1.1.28)

With the new firmware all EM 6000 receiver support monitoring and control with Yamaha™ CL and QL mixing consoles.

- ▷ RF, LQI and Audio levels plus battery status can be monitored directly on the console's screen, and the analog audio output level can be controlled from the surface.
- ▷ Yamaha™ users must update their CL and QL console firmware to new version V5.0, available on [www.yamahaproaudio.com](http://www.yamahaproaudio.com)
- ▷ Updated Frequency Auto Setup for revised A5-A8 US range, 550.000 – 607.900 MHz
- ▷ Due to new frequency regulations in the US and Canada, the SK(M) 6000 A5-A8 US transmission range must be limited to 550.000 – 607.900 MHz.
- ▷ We recommend all users update their SK(M) 6000 A5-A8 US firmware to version 1.1.28 for compliance in the US and Canada.

**Note:** This firmware update has no impact on other SK(M) devices and frequency ranges.



## EM 6000 - Firmware version 2.0.1

### (incl. SK/SKM 6000 Firmware version 1.1.26)

EM 6000 and EM 6000 DANTE:

- ▷ Command mode for all audio outputs, supporting analog, AES3 and 2 separate Dante streams
- ▷ Audio mute function controllable from newly added home screen
- ▷ Auto setup: option to dispatch not only the frequency but also the sync settings from the master device to all slaves
- ▷ Function buttons of EM 6000 (SAVE, ESC, SYNC, HEADPHONES) are always illuminated when the device is switched on
- ▷ New sync option to update frequency only. All other transmitter settings will be preserved.
- ▷ Bug fixes

EM 6000 DANTE only:

- ▷ Dante 4.0 support
- ▷ Support for Through and Redundant modes (for EM 6000 DANTE receivers with two Dante ports)
- ▷ Dante status information is displayed in Menu -> Dante Settings -> Dante Info:
  - Device Type: Dante 1 for device with one Dante port
  - Device Type: Dante 2 for device with two Dante ports
  - Dante network status: OK/Faulty

**NOTE:** When changing any Dante settings, edit all settings first and then apply all settings by pressing the SAVE button. To discard the changes by pressing the ESC button.

## EM 6000 - Firmware version 1.3.0

### (incl. SK/SKM 6000 Firmware version 1.1.26)

- ▷ Simplification of LOCK mode of SK/SKM
- ▷ Blue power LED can be switched off when transmitter is in LOCK mode
- ▷ SK: Input signal can be switched between MIC / LINE and automatic detection
- ▷ SK: Better low cut filter performance for connected instruments
- ▷ SK: Gain setting issue when changing from LINE to MIC input solved
- ▷ Bug fixes

## EM 6000 - Firmware version 1.2.0

- ▷ Auto Setup enable status is ON by default (was OFF before)
- ▷ Fix: Issue that the booster feed setting and the loop through attenuator setting get lost when the device is disconnected from the power supply while in standby mode.
- ▷ Fix: Issue that the Dante™ output is disabled unintentionally as a result of changes in the word-clock settings.
- ▷ Fix: Issue concerning the brightness consistency on both displays.
- ▷ Fix: Possible device crash in some situations caused by network link status change under heavy network traffic.
- ▷ Change for the purpose of conformity: Change of multicast IP address used for the Auto Setup feature.
- ▷ Fix: Issue that the Dante IP address is not updated after changing.
- ▷ Fix: Issue that in some situations the wordclock measurement is not displayed correctly in the second home screen.