



EVOLUTION WIRELESS DIGITAL

Evolving with you –  
New digital UHF system  
for everyday use

SENNHEISER



## Evolution Wireless Digital

### Evolving with you.

Embrace the power of a digital UHF system, ready for any RF environment. Evolution Wireless Digital raises the bar by providing the highest dynamic range of any wireless system currently on the market, utilizing advanced features that simplify your setup and guarantee the most reliable connection.

#### Raising the bar

Evolution Wireless Digital breaks the boundaries by providing more dynamic range than any wireless system currently on the market. Automatically securing the most reliable signal in a matter of seconds and scalable up to 90 channels, it's easy to see why this wireless system is in a class of its own.

#### An engineer in your pocket

The power of Bluetooth Low Energy puts full control right in the palm of your hand with the EW-D Smart Assist app. Take advantage of a remarkably fast automated setup, mobile access to every system setting and the added benefit of remote monitoring, all from the convenience of your Android or iOS.

#### Equidistant Spacing – simpler than it sounds

The equidistant tuning grid equally spaces frequencies alongside each other, replacing the need for RF coordination or wireless expertise of any kind. Along with that comes the elimination of intermodulation dropouts and the ability to maximize your channel count, even in congested RF environments. Save time, save energy and perform with confidence.









## Evolution Wireless Digital

Whether you're the tech, the talent or a little of both, chances are it's your responsibility to carry in and set-up your own equipment. For many these days, that includes a wireless system. That's why we made ease-of-use a top priority when designing Evolution Wireless Digital—so you can focus on the performance and let the system handle the rest.

### Available Sets



#### Handheld Set

EW-D 835-S SET

Including stationary 1/2 19" receiver and lightweight handheld transmitter with integrated mute switch and renowned e 835-S capsule



#### Instrument Set

EW-D CH1 SET

Including stationary 1/2 19" receiver, lightweight bodypack transmitter and CH1 guitar cable



#### Lavalier Sets

EW-D ME2 SET / EW-D ME4 SET

Including stationary 1/2 19" receiver, lightweight bodypack transmitter and unobtrusive clip-on microphone ME 2 (omni-directional) or ME 4 (cardioid)



#### Headmic Set

EW-D ME3 SET

Including stationary 1/2 19" receiver, lightweight bodypack transmitter and headset microphone ME 3 (cardioid)



#### Combo Set

EW-D ME2/835-S SET

Including stationary 1/2 19" receiver, lightweight bodypack transmitter, ME 2 clip-on microphone and handheld transmitter with e 835 capsule



#### Base Sets

EW-D SK BASE SET Including stationary 1/2 19" receiver and lightweight bodypack transmitter

EW-D SKM BASE SET Including stationary 1/2 19" receiver and handheld transmitter (without capsule)





## EW-D Smart Assist

EW-D Smart Assist makes the setup and use of Evolution Wireless Digital simple and fast. Use your Android or iOS device to connect via Bluetooth for an efficient setup and overview of your new wireless system. Featuring nine languages (including Russian and Arabic) Smart Assist becomes the "engineer in your pocket."

Automated setup of receivers and transmitters, frequency allocation, channel naming, muting and battery status are now only one tap away. Aside from instant access to all system settings, you'll find a brand-new support hub with video tutorials and detailed manuals to help get you started. Stay current with firmware updates accessible directly within the app.



EW-D Smart Assist App provides automated setup, operation and monitoring using any iOS or Android device



Intelligent setup automatically creates reliable wireless connections, no wireless expertise required




Mobile access to all system settings centralizes control and eliminates the need for complicated menu navigation on each device



Easy frequency allocation and wireless channel naming help to keep systems organized



Compatible with

 iOS 12 or newer

 Android 8 Oreo or newer





## Learn more

Our Evolution Wireless Tutorial Series provide you with a deep-dive into wireless technology and all the tips and tricks you need to get the best out of your system.

### [Evolution Wireless Digital Tutorials](#)

Watch award-winning filmmaker Geert Verdickt putting the system to the test. 4 episodes, all available on our Sennheiser Youtube channel.

### [Smart Assist App Tutorials](#)

Watch product manager Benny Franke providing you with a full overview on all settings of the new app. 6 episodes, all available on our Sennheiser Youtube channel.

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## Technical Data: System

Frequency ranges	Q1-6 (470.2 - 526 MHz) R1-6 (520 - 576 MHz) R4-9 (552 - 607.8 MHz) S1-7 (606.2 - 662 MHz) S4-7 (630 - 662 MHz) S7-10 (662 - 693.8 MHz) U1/5 (823.2 - 831.8 MHz & 863.2 - 864.8 MHz) V3-4 (925.2 - 937.3 MHz) Y1-3 (1785.2 - 1799.8 MHz)
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Bluetooth® Low Energy (BLE) frequency range	2402 - 2480 MHz
Audio frequency response	20 Hz - 20 kHz (-3 dB) @ 3 dBfs
Audio THD	≤ -60 dB for 1 kHz @ -3 dBfs input level
Operating temperature	-10 °C - +55 °C (14 °F - 131 °F)
Relative humidity	5 - 95 % (non-condensing)



