

eSense Compatibility Information

Last update October 2019



iOS devices, compatible with eSense

- Apple® iPhone® 4S or higher
- Apple® iPad® from 3rd generation or higher, including all iPad Mini
- Apple® iPad® Pro from 1st generation or higher (in combination with a [USB-C to 3.5 mm Headphone Jack Adapter](#))
- Apple® iPod touch® 5th generation or higher
- Apple® iPhone® 7, iPhone® 7 Plus, iPhone® 8, iPhone® 8 Plus, iPhone® X, iPhone® XR and iPhone® XS (for the eSense Skin Response and eSense Temperature in combination with a [Lightning to 3.5 mm Headphone Jack Adapter](#))

Important notice on iOS devices and the eSense Pulse:

Your iOS device needs to support **Bluetooth 4.0 LE** (sometimes also referred to as **Bluetooth Low Energy** or **BLE**) which is supported from iOS 5. But we recommend the devices listed above.

Important notice for iOS 7 or higher and the eSense Respiration, Skin Response and Temperature:

The eSense Skin Response and eSense Temperature are working through the **microphone port**. In iOS you have to allow explicitly that the eSense app may use the microphone port, otherwise it will not work. You are asked for this during installation, please answer with “Yes” or “Allow”. After installation you can make this setting manually: Allow the eSense app to use the microphone port in the system settings of your iOS device: Settings -> Privacy ->Microphone

Android devices, compatible with eSense

Generally, Android smartphones and tablets with **Android 4.4** or higher, exceptions see below.

Important notice on Android devices for the eSense Pulse:

Your Android device needs to support **Bluetooth 4.0 LE** (sometimes also referred to as **Bluetooth Low Energy** or **BLE**) which is supported from Android version 4.3 (Mid 2013). But we recommend Android 4.4 and higher anyway. So generally, the eSense Pulse works fine with most current Android devices.

Important notice on Android devices for the eSense Respiration, Skin Response and Temperature:

Your Android device needs a **3.5 mm input for external microphones/headsets**. Most devices have this input, often included in the headphone jack. If no 3.5 mm input for external microphones is present, such as with the Google Nexus 7, you cannot use the eSense. (All iOS devices specified above have this input.)

Some old Android devices which have a microphone jack will only work with eSense with a small adapter cable. This cable inverts the pin assignment of the 3.5mm microphone input. **Each eSense is delivered with this adapter cable.** If you find that your eSense does not work with your Android device, please use the adapter!



Here are some Android devices we tested and can confirm that **they work well with the eSense Pulse, Respiration, Skin Response and Temperature (Whitelist)**. (This list is only a very small sample and most available Android devices worldwide work fine with the eSense).

- [Amazon Fire 7](#) (Tablet, from Model 2017 with model no.: SR043KL) **our recommendation for starters**
- Amazon Fire 8 (Tablet, from Model 2018 with model no.: KFKAWI, **no older models**)
- Amazon Fire 10 HD (Tablet, from model 2015 with model no.: KFTBWI)
- Nokia 3 (Smartphone)

- Nokia 5 (Smartphone)
- Samsung Galaxy Note Edge (Smartphone)
- Samsung Galaxy S6 Edge (Smartphone)
- Samsung Galaxy S7 (Smartphone)
- Samsung Galaxy S8 and S8+ (Smartphone)
- Samsung Galaxy Tab S2 (Tablet)
- Samsung Galaxy Tab A 2018, 10.1" (Tablet)
- Samsung Galaxy Tab A 2019 (SM-T510)
- LG G4 (Smartphone)
- Huawei P8 Lite (Smartphone)
- Huawei P8 (Smartphone)
- Huawei P10 (Smartphone)
- Huawei Honor Holly U19 (Smartphone)
- Huawei Honor 5C (Smartphone)
- Huawei Honor 6X (Smartphone)
- Huawei Honor 9 Lite (Smartphone)
- Ubro M1 (Smartphone)
- DOOGEE X5 (Smartphone)
- CUBOT H1 (Smartphone)
- Chuwi HiPad LTE (CWI526)
- Odys Goal 10 + 3G (10" Tablet), very cheap!
- TECLAST P80X Tablet, cheap as well

The following Android devices will NOT work with the eSense Respiration, Skin Response and Temperature (Blacklist). There may be a few other devices not on this list which will not work. When in doubt, please check the Microphone jack as described above!

- Google Nexus 7 (no build in 3.5mm microphone, just a headphone bush)
- Amazon Fire 8 HD (before model 2018 with model no.: KFKAWI, no signal)

- Huawei Honor 6A (strange “breakdowns” in signal during session, unique behavior of this device, never seen before, maybe the test device is defective?)
- Lenovo Tab M10 HD (app is not starting)