

ReSound hearing aid privacy and security

- ReSound hearing aids including ReSound ONE, ReSound LiNX Quattro and ReSound ENZO Q **are included on the Establishment Registration and Device Listing, classified under FDA 510(k) exempt medical devices.**
- ReSound hearing aids use wireless technology:
 - ReSound LiNX Quattro, ReSound ENZO Q and earlier models:
Bluetooth Class 2 (2.5mW – 10 meters of intended signal travel distance)
 - ReSound ONE
Bluetooth Class 2 (2.5mW – 10 meters of intended signal travel distance) and **Near-Field Communications (NFC)**
- **ReSound hearing aids pair and can be controlled from a patient’s smartphone or from a ReSound wireless accessory** like a remote control. **Airplane Mode** can be used to turn off wireless communications and connections to a phone or wireless accessory.
- **ReSound wireless hearing aids contain less than 1KB of onboard writable storage** and this area is only used to store program names. Any attempt to overwrite this storage would need to be done through a mobile phone that is capable of writing data via Bluetooth LE. If mobile devices are prohibited in a specific facilities, there is virtually no risk that ReSound wireless hearing aids could be used independently to take information. In the highly unlikely event data is captured, the writable storage is so small, no useful information could be stored.
- Location services also function with ReSound hearing aids and compatible smart devices. The “Find My Hearing Aid” function on the patients’ smartphone only works within 20ft of the paired ReSound hearing aids. If the phone is further than 20ft from the hearing aids, the phone will display the last known location of the hearing aids, using the smart device’s location services functionality, not GPS. **There is no GPS functionality contained within the ReSound hearing aids.**
 Location functionality is native to Bluetooth LE technology and is not unique to ReSound hearing aids. Any device using Bluetooth LE has this capability built in.
 - Additionally, there are three ways to prevent this function from activating:
 - o Password protect the phone so it cannot be unlocked by anyone other than the phone’s owner
 - o Disable location services on the phone
 - o Put phone in Airplane mode, which temporarily disables location services and Bluetooth

Manufacturer according to FDA:
ReSound Government Services
 8001 E Bloomington Freeway
 Bloomington, MN 55420
 USA
 1-800-392-9932
 gs.resound.com

