

# Bluetooth sleeping issues



If you lose BT connection during track recording only when the display is OFF for at least 1 to 3 hours you may have a [battery power saving setup issue](#). Following solutions do not help if you have stable BT connection during track recording with display always ON.

## I. Essential measures

1. apply [all instructions described here >>](#)
2. especially **disable battery optimization for bluetooth** system services [as is described here >>](#) (at least for Android 6 and 7 on Sony and Samsung devices) - you may need to toggle **show all system services**. Disable battery optimization for following services:
  - Bluetooth MIDI Service
  - Bluetooth Sharing
3. clear cache and remove data of Android Bluetooth system services - settings > apps > 3-dots → show system processes:
  - Bluetooth MIDI Service
  - Bluetooth Sharing
4. restart Android and the issue should be gone in most cases

If you still have issues with losing BT connection during long time in standby, you could try to do the following steps which are less likely to fix anything:

some broken android firmwares do disable BT during sound profile check even if they are disabled: remove all do not disturb sound profiles in settings → sounds you may have some third party apps on your phone which do disable BT for example apps like "Tile" does reconnect BT in background maybe other suggestions could help you

<https://productforums.google.com/forum/#!topic/phone-by-google/UamV0tnZKNE> And if everything does fail and you need to use display always on as workaround. You could reduce the screen on time if you turn your display on each hour right before the BT connection goes to sleep.

Install app "Tasker" create a loop which wait 1 hour every time add a turn display on action (Android 5+ need an additional tasker plugin App "Secure Settings" to get access to add Task > plugins → secure settings → wake device > screen on) add a notification "wake display %TIME" to tell you that your workaround is running optional if you did disable lockscreen, start a touchscreen lock app to prevent inputs during your screen on action. optional add a display off (display lock) action if you don't have any display timeout This will prevent your android device from entering any deep sleep states but drain way less power than display always on.

If you have BT problems even with display always on, you have maybe an android hardware problem, environment problem or BT transmitter problem. Check if your BT transmitter is causing the problem. Some devices stop sending data on firmware specific conditions. If you don't have any issues with track recording or sometimes the connection got interrupted by your testing environment. (hardware issue or signal interferences. Try to make a track recording with screen always on in a controlled static environment with less wireless and bt interferences as possible.

From:  
<https://docs.locusmap.eu/> - **Locus Map Classic - knowledge base**

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Last update: **2018/08/22 10:52**

