

Notes on Using with iOS-equipped Devices

Note the following points when connecting the TM printer and iOS-equipped devices using a Bluetooth connection.

Applications of iOS equipped devices may receive data from the TM printer multiple times

❑ Phenomenon

When the TM printer transmits data (such as status) to iOS equipped devices, applications of iOS equipped devices may receive the same data multiple times even though the TM printer transmits the data only once.

❑ Conditions

If no data is transmitted between the TM printer and the iOS equipped devices for more than 30 seconds, using a Bluetooth connection, the iOS equipped devices switch to power saving mode. When the TM printer transmits data to the iOS equipped devices in this mode, the phenomenon may happen.

Example

- The TM printer does status back with a command (such as DLE EOT, GS I).
- The TM printer transmits the Automatic Status Back (ASB).

The phenomenon does not happen in the following cases.

- An iOS equipped device transmits data to the TM printer.
- After the TM printer receives data from an iOS equipped device, data is transmitted to an iOS equipped device before the iOS equipped device switches to power saving mode (within about 30 seconds).
- If you use the SDK that EPSON provides (however the phenomenon happen when data is received from the TM printer using the command transmit and receive API.)

❑ Workaround

Follow the steps below if data is not transmitted or received between the TM printer and the iOS equipped devices for more than 30 seconds.

1. Transmit 100 byte dummy data* to the TM printer before transmitting data.
* The dummy data is anything except for data that not to related printing and command. Epson recommends the dummy data of "00h".
2. Wait for 100 milliseconds.
3. Transmit the data.