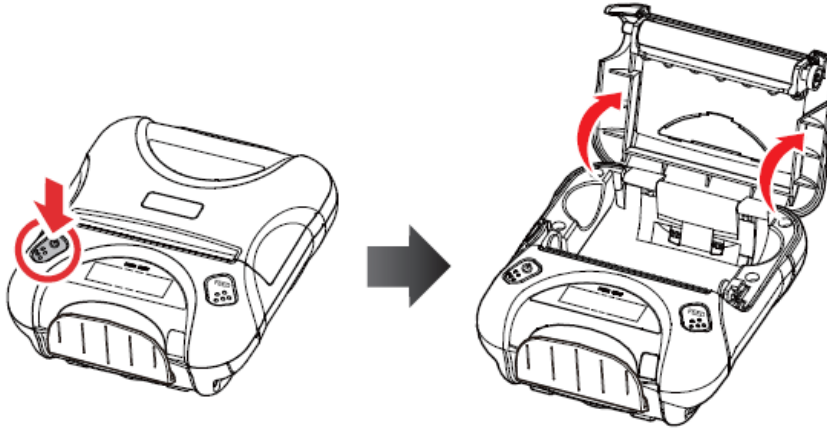
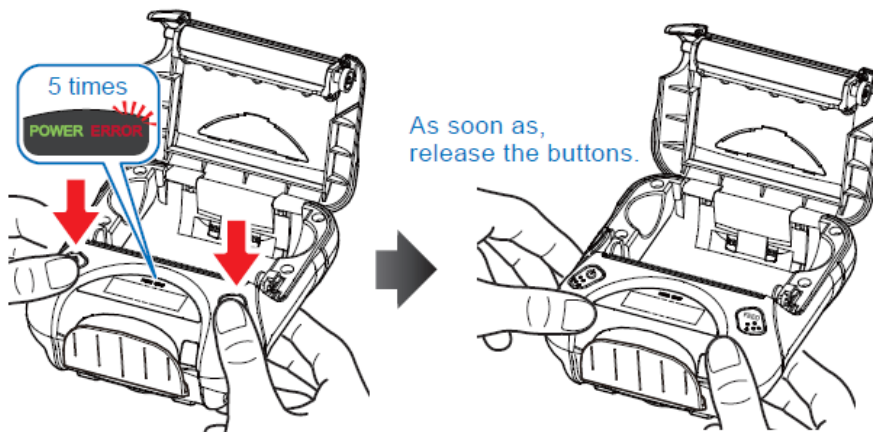


## How to switch emulation between ESC/POS and StarPRNT mode for SM-T300i

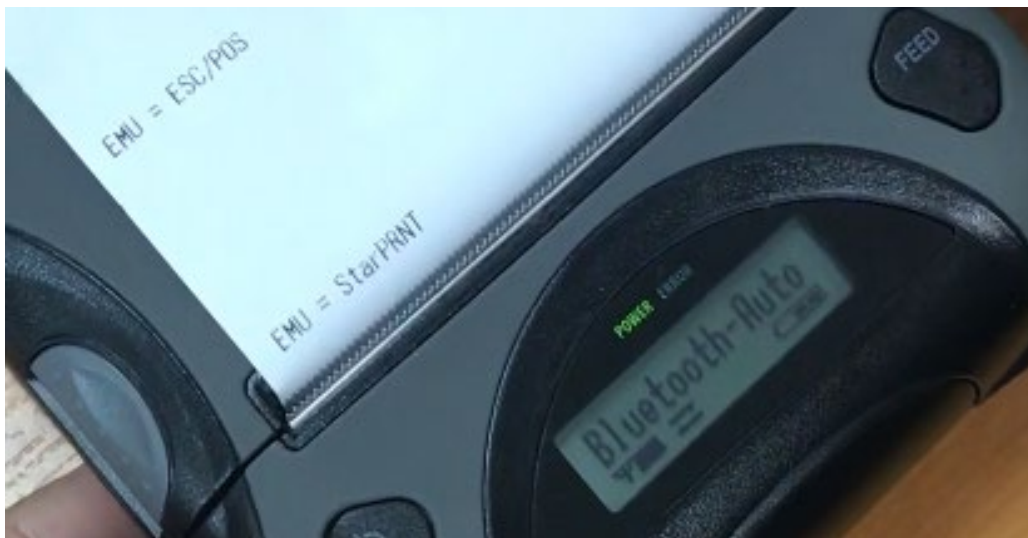
1. Turn power printer ON and open printer cover. (Insert the paper while open printer cover)



2. Press and hold 'Mode' and 'Feed' button then Error light will be flashing 5 times, and release buttons.



3. Close the printer cover, then printer will be automatic switch emulation and printing out.  
EMU = ESC/POS (ESC/POS Mode)  
EMU = StarPRNT (StarPRNT Mode)



## How to setting port in the SDK for SM-T300i

\*\*Link for download Android StarPRNT SDK(Java) > <https://starmicronics.com/support/developers/android-sdks/>

\*\*Link for sample SDK to setting port > [https://www.star-m.jp/products/s\\_print/sdk/starprnt\\_sdk/manual/android\\_java/en/api\\_stario\\_port.html#starioport-printingflow](https://www.star-m.jp/products/s_print/sdk/starprnt_sdk/manual/android_java/en/api_stario_port.html#starioport-printingflow)

### SAMPLE SDK

```
StarIOPort port = null;
```

```
try {  
    // Port open  
    port = StarIOPort.getPort(portName, portSettings, 10000, context); →→→ This line  
  
    // Print end monitoring -Start  
    StarPrinterStatus status = port.beginCheckedBlock();  
  
    byte[] command = PrinterFunctions.createTextReceiptData(emulation, localizeReceipts, false);  
  
    // Send print data  
    port.writePort(command, 0, command.length);  
  
    // Print end monitoring -End  
    status = port.endCheckedBlock();  
  
    // Status judgment during printing completion monitoring  
    if (status.offline == false) {  
        // Print successful end (Printer Online)  
    }  
    else {  
        // Printing is abnormal termination (no paper, printer cover open etc)  
        // Notify user  
    }  
}  
catch (StarIOPortException e) {  
    // Error  
}  
finally {  
    try {  
        // Port close  
        StarIOPort.releasePort(port);  
    }  
    catch (StarIOPortException e) {}  
}
```

Developer can be setting portName and portSetting, as below.

```
Refer > port = StarIOPort.getPort(portName, portSettings, 10000, context);
```

portName Parameter: "BT"

portSetting Parameter: "Portable"

### Portname

| Interface | portName       | Contents   | Example                | Library version |
|-----------|----------------|--|------------------------|-----------------|
| Bluetooth | BT:            | Communicates with the first Star printer found.<br>Pair only one Star printer. | "BT:"                  | 2.2.0+          |
|           | BT:Device Name | To specify the Bluetooth device name   | "BT:Star Micronics"    | 2.2.2+          |
|           | BT:MAC Address | To specify the MAC address   | "BT:00:12:F3:1E:2B:72" | 2.2.2+          |

**Recommend** (circled in red) points to the "BT:" example.

**SM-L300** (in red) has arrows pointing to the "BT:MAC Address" row and the "To specify the MAC address" content.

### Port Setting

|               |              |                             |
|---------------|--------------|-----------------------------|
| SM-T300i/T300 | StarPRNT     | "Portable"                  |
|               | EscPosMobile | "Portable;escpos" or "mini" |
| SM-T400i      | StarPRNT     | "Portable"                  |
|               | EscPosMobile | "Portable;escpos" or "mini" |
| BSC10         | EscPos       | "escpos"                    |
| SM-L200       | StarPRNT     | "Portable"                  |
| SM-L300       | StarPRNT     | "Portable"                  |

Red dashed boxes highlight the StarPRNT "Portable" settings for SM-T300i/T300 and SM-L300. Red arrows point from these boxes to the corresponding printer models in the first column.