



How to set MSW Setting support Japanese Character (mCP2/3)

****Change Memory Switch Setting with mCollection Printer Utility on PC****

1. Download driver utility from <http://www.starmicronics.com/support/> and select printer same as below.

Star Micronics Support Database

Welcome to the Star Micronics Global Support Site! Browse Star's online database to easily and quickly find drivers, software, documentation and FAQs. To begin, choose your printer below.

Star Micronics Software License Agreement

| | |
|------------------|--|
| Product Type | <input type="text" value="Thermal"/> |
| | How do I find my Printer Type? |
| Printer Family | <input type="text" value="mC-Print3"/> |
| | How do I find my Printer Family Name? |
| Printer Model | <input type="text" value="MCP30"/> |
| | How do I find my Printer Model Name? |
| Interface | <input type="text" value="LAN+USB/LAN+USB+BT"/> |
| | How do I identify my interface? |
| Operating System | <input type="text" value="Windows"/> |
| | How do I identify my Operating System? |
| Language | <input type="text" value="English"/> |



2. Click StarPRNT for mCollection Software

Star Micronics mC-Print3 Driver Downloads

Recommended:

[▶ StarPRNT for mCollection Software](#)
Link to the StarPRNT Intelligence Download page
Includes support for ~~AllReceipts~~ (digital receipt service), Survey Function, Device management and Engage NOW.
Windows 10 (32/64-bit), Windows 8.1(32/64-bit), Windows 8(32/64-bit), Windows 7(32/64-bit)

3. Click StarPRNT for mCollection V2.2 FULL 32/64-bit for download and install it. (Please do not connect with printer during install program)

Recommended:

The StarPRNT for mCollection Software supports Star mPOP, mC-Print2 and mC-Print3 Series Printers.

[▶ StarPRNT for mCollection V2.2 FULL 32/64-bit \(145MB\)](#)
Installation Package including Drivers, Configuration Utility, OPOS and Manuals
Windows 10(32/64-bit), Windows 8.1(32/64-bit), Windows 8(32/64-bit), Windows 7(32/64-bit)



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4. Connect printer mC-Print2/3 to PC by USB Cable then open Star Micronics Printer mCollection Utility and select which printer you want to setting then click next

The screenshot shows the Windows Start menu on the left with 'Printer Utility mCollection' highlighted. On the right is the 'Printer Connection Wizard' window. It displays a printer icon labeled 'MCP20/21' and the text 'Current Connection: MCP20/21 StarPRNT Mode'. Below this is a 'Connection Manager' dropdown set to 'New Connection 2'. The main area prompts the user to 'Please choose your printer model.' and lists several models: MCP20/21, MCP30, MCP31, and POP10. To the right of these models, it specifies 'mC-Print2 Series' and lists features: '* 58mm(2inch) paper dedicated model', '* Multi Interface build-in', and '* De-curling function supported (reduce the receipt curling level)'. Further down, it lists supported interfaces: 'MCP20 : Ethernet, USB-B, DK', 'MCP20B : Ethernet, USB-B, Bluetooth, DK', and 'MCP21LB : Ethernet, USB-B, USB-A, Bluetooth, DK'.


5. Select USB model and click Done then enter your printer name and click OK

The screenshot shows the 'Printer Connection Wizard' window with 'USB' selected in the interface type list. The 'USB connection settings' section is active, showing a dropdown menu set to 'Star MCP31 (Windows Printer Queue)' and a 'Refresh' button. Below this, a 'Printer Utility' dialog box is open, asking the user to 'Enter a name for this printer connection.' The input field contains the text 'MCP31-USB.Star MCP31'. There are 'OK' and 'Cancel' buttons in the dialog box.



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6. Click Print Setting and wait Loading data...



MCP31

Current Connection

MCP31
StarPRNT Mode
USB
Star MCP31

[Check Change](#)

Connection Manager

MCP31-USB:Star MC ▾

[Rename](#)
[Delete](#)
[Create New](#)

Utility Functions

[Windows Printer Queue Management](#)

This function will allow for the installing and management of printer queues for the windows printer spool system.

[Star Micronics Cloud](#)

Enable retailers to engage with customer more effectively.

[Printer Settings](#)

Use this function to configure your printer's settings and fine tune its operation.

[Barcode Reader Settings](#)

Use this function to configure your barcode reader's settings and fine tune its operation.

[Troubleshooting](#)

Use this function to check and troubleshoot your printer by sending it a variety of diagnostic print patterns.

[OPOS](#)

This function allows you to register and configure OPOS POSPrinter, CashDrawer, Scanner, LineDisplay and ToneIndicator devices.


[Logo Store](#)

Use this to store your logos and images into the printer. This is often useful in terms of deployment and also in terms of print speed.

[Firmware Update](#)

Use this functin to update your pinter's firmware.

7. Change 'Asian Character = Double Byte Character Set (DBCS)'



MCP31

Current Connection

MCP31
StarPRNT Mode
USB
Star MCP31

Connection Manager

MCP31-USB:Star MC ▾

Utility Functions > Printer Settings

Category: All ▾

* : Default Option

| | | |
|--|--|---|
| ASB (Bluetooth) | Disable * | ▾ |
| ASB (LAN) | Enable * | ▾ |
| ASB (USB Type-A) | Enable * | ▾ |
| ASB (USB Type-B) | Enable * | ▾ |
| Asian Character (DBCS) | Double-Byte Character Set (DBCS) | ▾ |
| Block Print Start Timing (Trigger) | Detect Page End (All I/F) * | ▾ |
| Character Size | 12 dots (Japanese)/ 13 dots (others/DBCS), 12 dc | ▾ |
| Character Size (Kanji) | 26dots * | ▾ |
| Code Page | Normal * | ▾ |
| Compression (Barcode) | Compress * | ▾ |



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8. Change 'Multi Bytes Character Code = Japanese' then click Store for save setting

Utility Functions > Printer Settings

Category: All

*: Default Option

| | |
|-----------------------------------|-----------------|
| Font Type | Normal Font |
| Font Width Reduction | Disable * |
| I/F SW Waiting Time | 3.0sec * |
| International Character | USA * |
| Line Feed | 4mm * |
| Multi Bytes Character Code | Japanese |
| NSB (LAN) | Enable * |
| NSB (USB Type-B) | Enable * |
| Paper Near End Sensor | Enable * |
| Print Density | Standard * |
| Print Speed | High Speed * |

Star Micronics mCollection Printer Utility

File Tool Help

Utility Functions > Printer Settings

Category: All

*: Default Option

| | |
|------------------------------------|--|
| Asian Character (DBCS) | Double-Byte Character Set (DBCS) |
| Block Print Start Timing (Trigger) | Detect Page End (All I/F) * |
| Character Size | 12 dots (Japanese)/ 13 dots (others/DBCS), 12 dc |
| Character Size (Kanji) | 26dots * |
| Code Page | Normal * |
| Compression (Paper Width) | Do not compress * |
| Cutter Drive | Enable * |
| Error Recovery | Disable * |
| Font Type | Normal Font * |

File Operations

Export Import

Printer Operations

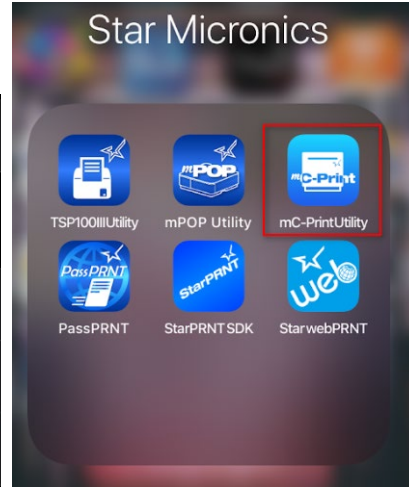
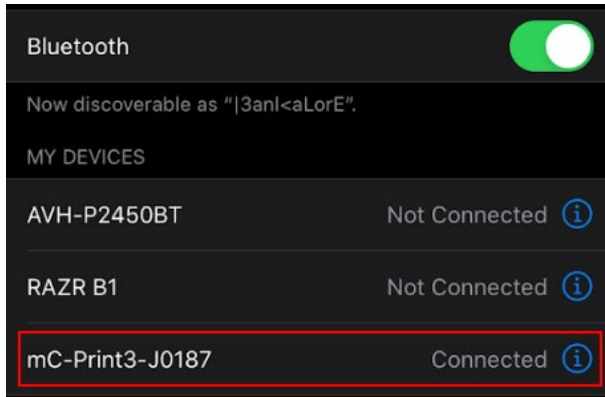
Reset Defaults Print Settings **Store** Reload



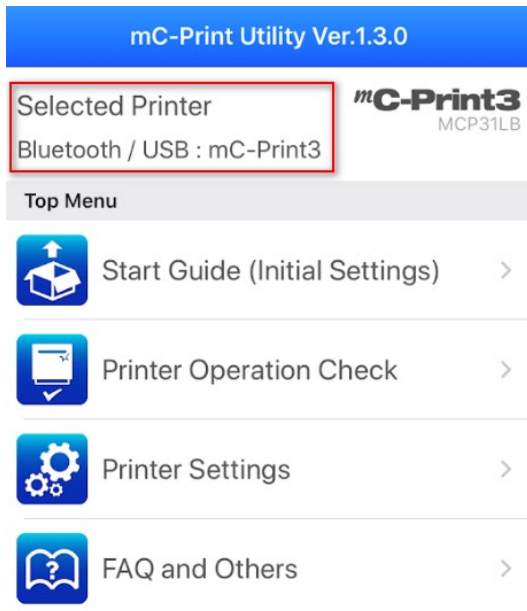
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****Change Memory Switch Setting with mC-Print Utility on Mobile****

1. Connect printer to mobile by Bluetooth and Open mC-Print Utility Application on mobile (Download from App Store or Google Play)



2. Click Selected Printer



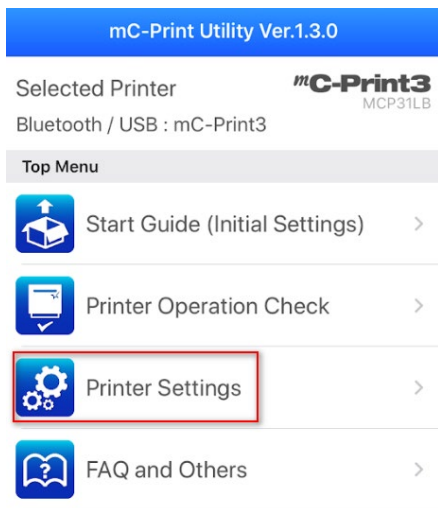


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3. Choose the printer which connecting



4. Click Printer Setting



5. Click Memory Switch Setting





How to set MSW Setting support Japanese Character (mCP2/3)

6. Change Character Set = **Multi Byte (MBCS)** and MBCS Font Set = **Japanese** then click Apply

Memory Switch Settings

Function Bit

| Region | |
|----------------|-------------------|
| Character Set | Multi Byte (MBCS) |
| MBCS Font Set | Japanese |
| Special Region | Standard |

| Character (Encoding/Font) | |
|------------------------------|-------------|
| Shift JIS Kanji Mode Default | Enable |
| Font Type | Normal Font |
| Zero Character Font | Normal Zero |
| International Character | USA |

Single Byte (SBCS)
Multi Byte (MBCS)

Factory Default Apply

7. LED on the printer will be flashing 1 time and the devices will appear 'Success' click OK. Finished