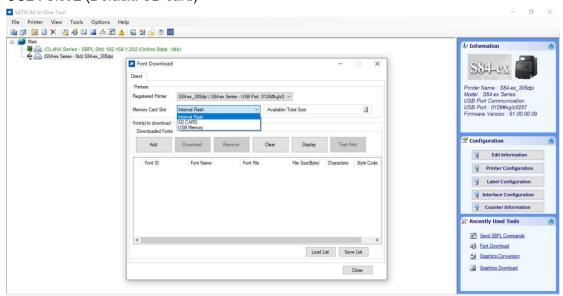
使用 SATO All-In-One 软件进行字体下载

下载步骤

①添加 S84-ex 打印机并选择进入 FONT DOWNLOAD 菜单, 选择字体下载存储地 (Memory Card Slot), All-In-One 内可以选择 Internal Flash (FROM)、SD Card、USB Memory(U盘)三种方式。

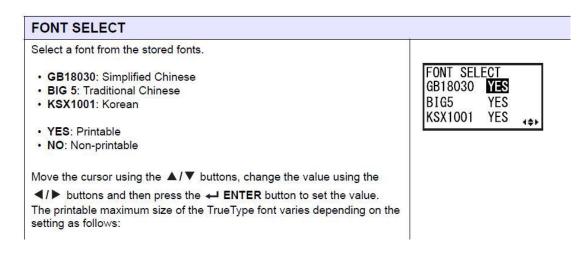
Memory Card Slot:

CC0 : Slot 0 (Default: printer)
CC1 : Slot 1 (Default: FROM)
CC2 : Slot 2 (Default: SD card)



NOTE:

由于内存容量限制,不同的存储内存的最大使用内存容易也不一样。内存容量限制可以通过 打印机 FONT SELECT 进行更改(详细请参考 S84-ex/S86-ex Operator Manual)



GB18030	BIG5	KSX1001	Available TrueType font size (MB)
YES	YES	YES	4.6
YES	YES	NO	5.5
YES	NO	YES	5.6
YES	NO	NO	6.5
NO	YES	YES	10.6
NO	YES	NO	10.7
NO	NO	YES	10.8
NO	NO	NO	11.7

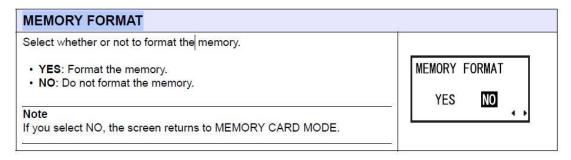
Note

When the printer tries to print a TrueType font that is bigger than the maximum size, a command error occurs.

当 FONT SELECT 设置为 GB18030 NO、BIG5 NO、KSX1001 NO 时(此时打印机显示画面为英文),若字体下载存储地(Memory Card Slot)为 Internal Flash,字体内存不能超过8M(FROM 最大使用内存为8MB);若字体下载存储地(Memory Card Slot)为 SD Card 或USB Memory(U 盘),字体内存不能超过11.7MB。(详细请参考 S84-ex/S86-ex Operator Manual)

Processing	
CPU	32 Bit RISC-CPU 500 MHz
Flash ROM	48 MB (User area: 8 MB)
SDRAM	64 MB
Receive Buffer	Maximum: 2.95 MB Near full: 2 MB
External Memory	SD card: Maximum 2 GB SDHC card: Minimum 4 GB - Maximum 32 GB USB flash memory: Maximum 32 GB

字体下载存储地(Memory Card Slot)为 SD Card 或 USB Memory 时,先将为 SD Card 或 USB Memory(U盘)进行格式化(FORMATINNG),使用 U盘时,U盘格式必须是 FAT16/FAT32 格式。(详细请参考 S84ex/S86ex Operator Manual 和 S84-ex/S86-ex Service Manual)



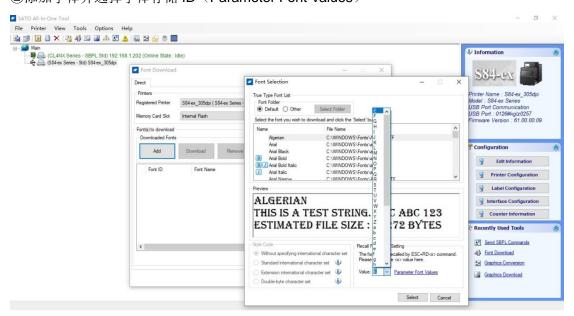
Notes on Memory Cards

 The structure under the folder [PR61] can be created by formatting an SD card or USB memory in the memory card mode.

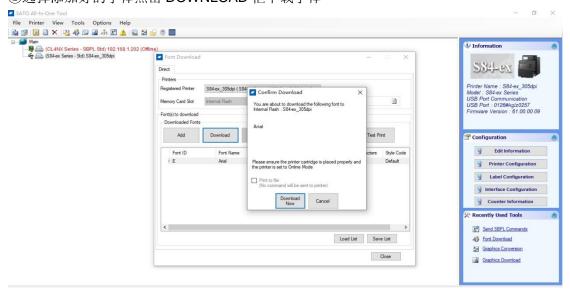
Be sure to format the SD card or USB memory in the memory card mode. Formatting the SD card or USB memory using Windows may result in data save failure or data reference failure.

- · Do not change the file name or folder name under the [PR61] folder.
- Do not save files other than released (or uploaded) firmware or fonts in the [PROG] and [FONT] folder.
 When other than released (or uploaded) files are saved in the [PROG] or [FONT] folder, the printer behavior of downloading or after downloading, may be incorrect.
- Do not remove the SD card or USB memory while the printer is accessing to it. The data inside the SD card
 or USB memory may be damaged.
- When a data is saved to an SD card or USB memory by using registration SBPL commands, the date of file
 creation is according to the calendar when a calendar IC is installed. When the calendar IC is not installed,
 it is the firmware release date.
- Make sure that the printer is powered off before inserting or removing the SD card or USB memory.
 Otherwise, the printer may not read or write the data properly.
- Use only an SD card or USB memory that is formatted by FAT16/FAT32.

②添加字体并选择字体存储 ID (Parameter Font Values)



③选择添加好的字体点击 DOWNLOAD 框下载字体



④使用 RD 指令调用下载好的 windows 字体, 若打印中文其中文编码为 UTF-8, RD 指令调 用参数为@ (详细请参考 S84-ex/S86-ex Programming Reference)

8.10	Font		-	
	True T	ype Font		ESC+RD
Hexadecimal code	ESC	RD	Parameter	
	<1B> ₁₆	<52>16<44>16	abb,ccc,ddd,n~n abc,ddd,eee,n~n	
Initial value	Nil			

Valid range and	When the power switch is OFF	The set parameter is not maintained.	
term of	Valid range within item	The parameter preset will be invalid.	
command	Valid range between item	The parameter preset will be invalid.	

[Function]

Specifying CG font type, font style, font size, and print data.

[Format]

<RD>abc,ddd,eee,n~n

Parameter

[CG Times] a[Font type] AB

[CG Triumvirate]
[SATOGAMMA] (Code page can be switched by ESC+CE command)
[SATOVICA] (Code page can be switched by ESC+CE command) C D

E-Z,a-z TTF downloaded with the dedicate tool

b[Character set] 0 (No specification for the character set(Fixed))

[Font type A or B]. [Other than font type A or B] Refer to the code page parameter in the next page.

c [Font style] [Standard] [Bold]

[Italic] [Bold+Italic]

004 to 999 (dot specification) d[Horizontal length] =

P02 to P99 (point specification)

004 to 999 (dot specification) e[Vertical length]

P02 to P99 (point specification)

n[Print data]

[Coding Example] Font type: CG Times

<V>100<H>100<P>2

<RD>A00.P10.P10.SATO

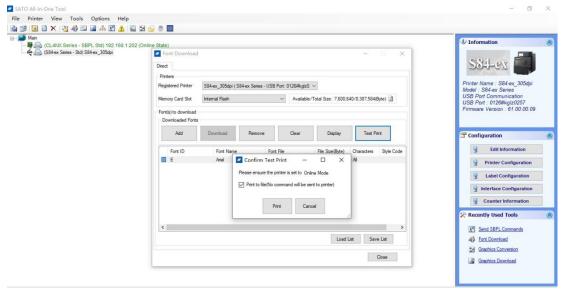
<0>2

<Z>

[Code page specify parameter]

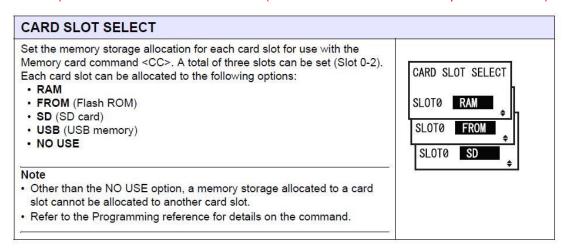
Command parameter	Name	
67	Use the code page specified by the CE command.	
0	DOS 858 Multilingual Latin 1 + Euro character Default Code page proprietary to SATO.	
1	ISO 8859-1 Latin 1	
2	ISO 8859-2 Latin 2	
3	ISO 8859-9 Latin 5	
4	CP737 DOS Greek	
5	CP855 DOS Cyrillic	
8	PC-850 Multilingual	
9	CP852 DOS Central European	
A	CP857 DOS Turkish	
В	CP866 DOS Cyrillic II	
С	CP1250 Windows Central European	
D	CP1251 Windows Cyrillic	
E	CP1252 Windows Western Latin 1	
F	CP1253 Windows Greek	
G	CP1254 Windows Turkish	
J	J CP1257 Windows Baltic	
K	K CP869 IBM Greek	
@	@ Unicode UTF-8	
# Unicode UTF-16 (Big endian) for Downloaded TTF.		

或使用 All-In-One 选择导入的字体点击 Test Print 选择打印至文件,生成相应的 SBPL 指令。



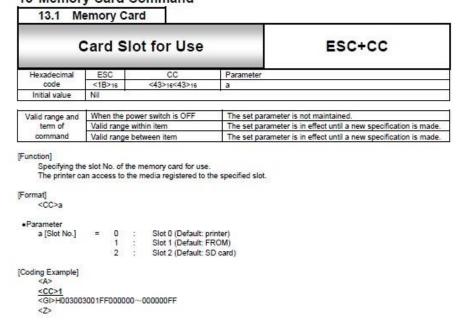
NOTE:

字体下载存储地(Memory Card Slot)为 USB Memory(U 盘)时,由于 CC2: Slot 2 (Default: SD card),请将打印机 Slot 2 设置为 USB(详细请参考 S84-ex/S86-ex Operator Manual)



使用 RD 指令调用 Windows 字体必须使用 CC 指令指定字体下载存储地(Memory Card Slot),详细请参考 S84-ex/S86-ex Programming Reference

13 Memory Card Command



打印实例参考:

All-In-One 设置

Memory Card Slot: SD Card Parameter Font Values: E

导入 Windows 字体: simhei.ttf(黑体)

字体大小: 9.7MB

打印机设置

CARD SLOT SELECT:

CC0: Slot 0 (Default: printer)CC1: Slot 1 (Default: FROM)CC2: Slot 2 (Default: SD card)

FONT SELECT:
GB18030: NO
BIG5: NO
KSX1001: NO

调用 Windows 字体 SBPL 指令

- 1 ESCA
- 2 ESCCC2
- 3 ESCV15ESCH10ESCRDE00, P20, P20, The quick brown fox jumps over.
- 4 DSCV95DSCH10DSCRDE00, P20, P20, 1234567890.
- 5 **DSC**V180**DSC**H10**DSC**RDE@0,P20,P20,中文你好.
- 6 **DSC**Q1
- ESCZ

打印效果

The quick brown fox jumps over. 1234567890. 中文尔好.