

## 标准步骤: Standard steps:

前（后）缀操作: 前后缀设置码+数字设置码+传输数据格式设置码

Prefix/Suffix operation: Prefix/Suffix Setting code + Digital Setting Code + Transfer Data Format Setting Code

多个前（后）缀操作: 多个前后缀设置码+数字设置码+完成多个前后缀设置码。

Multiple Prefix/Suffix operation: Multiple Prefix/Suffix Setting code + Digital Setting Code + finished multiple Prefix/Suffix setting code

**(1) 每次设置完前（后）缀，都要扫一个对应数据格式，来生效设置**

Every time when you set the Prefix/Suffix, it must scan a corresponding data format to effect the settings

**(2) 多个前缀连续设置 10 个字符（四个数字设置码对应 1 个字符）后会自动结束，如果不满 10 个字符，则每次设置都要扫“完成设置多个前后缀”设置码。**

After set multiple Prefix as 10 characters, (four digital setting code correspond 1 character), it will finish automatically, if multiple prefix less than 10 characters, need scan the 'Finished multiple Prefix/Suffix Setting code' when you set every time.

## 1.前缀操作 Prefix operation

通过设置码设置前缀，支持前缀（只有一个前缀）和多个前缀（最多 10 个）两种模式.

Set the prefix by setting code, support prefix (only one prefix) and multiple prefix (up to 10) two patterns

### (1)前缀模式 Prefix pattern

设置前缀为 A set prefix as A

扫描设置前缀设置码 scan the setup prefix code



Scan Prefix前缀

查找<Setting Prefixes and Suffixes Via Serial Commands 通过串行命令设置前缀和后缀>表格,A 对应的数字 1065(A Correspond digital 1065)

1065↵	41h↵	A↵	A↵
-------	------	----	----

依次扫描数字设置码 1065 scan the setup code 1065





操作完以上的步骤,前缀被设置为 A,但是还没有生效,要能使输出前缀还要扫描以下设置码

After finish the up steps, prefix A had been set, but it has not effect, you need scan the follow code, then the prefix can be output.



## (2)多个前缀模式 Multiple prefix pattern

设置前缀为 AB set prefix as AB

1.扫描“设置多个前缀”设置码 scan 'multiple prefix setting' code



Scan Multi Prefix 连续设置多个前缀

2.查找<Setting Prefixes and Suffixes Via Serial Commands 通过串行命令设置前缀和后缀>表格,A 对应的数字 1065

1065	41h	A	A
1066	42h	B	B

依次扫描数字设置码 1065, 1066 两组, 每四个会有一次设置成功提示音。

Scan the follow code 1065, 1066, it will has a sound when you scan every four numbers.



3.扫描“完成设置多个前后缀”设置码，结束设置。

Scan the follow 'finished setting multiple prefix and suffix' code, finish the settings.



完成设置多个前后缀 finished setting multiple prefix and suffix' code

4.操作完以上的步骤,前缀被设置为 AB,但是还没有生效,要使能输出多个前缀还要扫描以下设置码

After finish the up steps, prefix AB had been set, but it has not effect, you need scan the follow code, then the multiple prefix can be output



<MULTI PREFIX> <DATA> (输出多个前缀)

## 2.后缀操作 Suffix operation

### (1)后缀模式 Suffix pattern

设置后缀 1 为 A set suffix 1 as A

扫描设置后缀 1 设置码 scan the 'setting suffix 1' code



Scan Suffix 1后缀1

查找<Setting Prefixes and Suffixes Via Serial Commands 通过串行命令设置前缀和后缀>表格,A 对应的数字 1065

1065	41h	A	A
------	-----	---	---



## (2)多个后缀模式 Multiple suffix pattern

设置后缀为 AB                      Set suffix as AB

1.扫描“设置多个后缀”设置码    Scan 'setting multiple suffix' code



Scan Multi Prefix 连续设置多个后缀

2.查找<Setting Prefixes and Suffixes Via Serial Commands 通过串行命令设置前缀和后缀>表格,A 对应的数字 1065

1065	41h	A	A
1066	42h	B	B

依次扫描数字设置码 1065, 1066 两组, 每四个会有一次设置成功提示音。

Scan the follow code 1065, 1066, it will has a sound when you scan every four numbers.





3.扫描“完成设置多个前后缀”设置码，结束设置。

Scan 'Finished setting multiple prefix/suffix' code, finish the settings.



完成设置多个前后缀 Finished setting multiple prefix/suffix

4.操作完以上的步骤,后缀被设置为 AB,但是还没有生效,要使能输出多个前缀还要扫描以下设置码

After finish the up steps, suffix AB had been set, but it has not effect, you need scan the follow code, then the multiple suffix can be output



<DATA> <MULTI SUFFIX > (输出多个后缀)  
(0x08)

### 3.前后缀生效 prefix/suffix effect



\*Data As Is(只输出解码数据:only output the decode data)  
(0x00)



<DATA><SUFFIX 1>(输出后缀1)  
(0x01)



<DATA><SUFFIX2>(输出后缀2)

(0x02)



20C1003

<DATA> <SUFFIX 1><SUFFIX 2>(输出后缀1和后缀2)

(0x03)



20C1004

<PREFIX> <DATA >(输出1个前缀)

(0x04)



20C1005

<PREFIX> <DATA> <SUFFIX 1>(输出1个前缀和后缀1)

(0x05)



20C1006

<PREFIX> <DATA> <SUFFIX 2>(输出1个前缀和后缀2)

(0x06)



20C1007

<PREFIX> <DATA> <SUFFIX 1> <SUFFIX 2>(输出1个前缀和后缀1和后缀2)

(0x07)



20C1008

<DATA> <MULTI SUFFIX > (输出多个后缀)

(0x08)



20C1009

**<MULTI PREFIX ><DATA>** (输出多个前缀)  
(0x09)



**20C100A**

**<MULTI PREFIX><DATA><MULTI SUFFIX>** (输出多个前缀和多个后缀)  
(0x0A)

## 附录 Appendix

### 数字设置码 digital setup code

参数要求确切的数值 扫描适当的数字设置码。Scan the correct digital code refer to your need



0



1



2



3



4



5





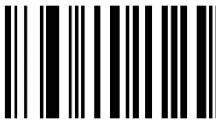
6



7



8



9

## 通过串行命令设置前缀和后缀 Set prefix and suffix by serial command

给解码数据附加前缀和后缀：Add prefix and suffix onto the decode data

1. 将扫描数据传输格式（参数0xE2）设置成所需的选项

Set the Scanning Data Transfer Format (0xE2) as Required Options

2. 期望设置的ASCII码值，通过十六进制形式输入给需要设置的前缀（0x69），或者后缀1（0x68），或者后缀2(0x6A),具体参考表4-3

Set ASCII code, enter into the field by Hexadecimal form, prefix (0x69), suffix 1 (0x68), suffix 2 (0x6A), refer to the table 4-3

表 4-1 字符对照表 Character Comparison table

扫描值 Scan code	十六进制值 Hexadecimal code	键盘功能键操作 Keyboard function	键盘 ctrl 组合键操作 Combinatorial operation with ctrl
1000	00h	Null	CTRL 2
1001	01h	Keypad Enter	CTRL A
1002	02h	Caps lock	CTRL B
1003	03h	Right Arrow	CTRL C
1004	04h	Up Arrow	CTRL D
1005	05h	Null	CTRL E
1006	06h	Null	CTRL F
1007	07h	Enter	CTRL G
1008	08h	Left Arrow	CTRL H
1009	09h	Horizontal Tab	CTRL I
1010	0Ah	Down Arrow	CTRL J

1011	0Bh	Vertical Tab	CTRL K
1012	0Ch	Backspace	CTRL L
1013	0Dh	Enter	CTRL M
1014	0Eh	Insert	CTRL N
1015	0Fh	Esc	CTRL O
1016	10h	F11	CTRL P
1017	11h	Home	CTRL Q
1018	12h	Print Screen	CTRL R
1019	13h	Delete	CTRL S
1020	14h	tab+shift	CTRL T
1021	15h	F12	CTRL U
1022	16h	F1	CTRL V
1023	17h	F2	CTRL W
1024	18h	F3	CTRL X
1025	19h	F4	CTRL Y
1026	1Ah	F5	CTRL Z
1027	1Bh	F6	CTRL [
1028	1Ch	F7	CTRL \
1029	1Dh	F8	CTRL ]
1030	1Eh	F9	CTRL 6
1031	1Fh	F10	CTRL -
1032	20h	Space	Space
1033	21h	/A	!
1034	22h	/B	'
1035	23h	/C	#
1036	24h	/D	\$
1037	25h	/E	%
1038	26h	/F	&
1039	27h	/G	'
1040	28h	/H	(
1041	29h	/I	)
1042	2Ah	/J	*
1043	2Bh	/K	+
1044	2Ch	/L	,
1045	2Dh	-	-
1046	2Eh	.	.
1047	2Fh	/	/
1048	30h	0	0
1049	31h	1	1
1050	32h	2	2
1051	33h	3	3
1052	34h	4	4
1053	35h	5	5
1054	36h	6	6
1055	37h	7	7
1056	38h	8	8

1057	39h	9	9
1058	3Ah	/Z	:
1059	3Bh	%F	;
1060	3Ch	%G	<
1061	3Dh	%H	=
1062	3Eh	%I	>
1063	3Fh	%J	?
1064	40h	%V	@
1065	41h	A	A
1066	42h	B	B
1067	43h	C	C
1068	44h	D	D
1069	45h	E	E
1070	46h	F	F
1071	47h	G	G
1072	48h	H	H
1073	49h	I	I
1074	4Ah	J	J
1075	4Bh	K	K
1076	4Ch	L	L
1077	4Dh	M	M
1078	4Eh	N	N
1079	4Fh	O	O
1080	50h	P	P
1081	51h	Q	Q
1082	52h	R	R
1083	53h	S	S
1084	54h	T	T
1085	55h	U	U
1086	56h	V	V
1087	57h	W	W
1088	58h	X	X
1089	59h	Y	Y
1090	5Ah	Z	Z
1091	5Bh	%K	[
1092	5Ch	%L	\
1093	5Dh	%M	]
1094	5Eh	%N	^
1095	5Fh	%O	_
1096	60h	%W	'
1097	61h	+A	a
1098	62h	+B	b
1099	63h	+C	c
1100	64h	+D	d
1101	65h	+E	e
1102	66h	+F	f

1103	67h	+G	g
1104	68h	+H	h
1105	69h	+I	i
1106	6Ah	+J	j
1107	6Bh	+K	k
1108	6Ch	+L	l
1109	6Dh	+M	m
1110	6Eh	+N	n
1111	6Fh	+O	o
1112	70h	+P	p
1113	71h	+Q	q
1114	72h	+R	r
1115	73h	+S	s
1116	74h	+T	t
1117	75h	+U	u
1118	76h	+V	v
1119	77h	+W	w
1120	78h	+X	x
1121	79h	+Y	y
1122	7Ah	+Z	z
1123	7Bh	%P	{
1124	7Ch	%Q	
1125	7Dh	%R	}
1126	7Eh	%S	~
1127	7Fh		Undefined

从1128到1255的值也可以被设置。(十六进制值80h到FFh是用于SSI).

Also can set the number from 1128 to 1255. (Hexadecimal code from 80h to FFh is used on SSI)