

*DOT MATRIX PRINTER*

**SP200F SERIES**

**star** 

## 6. Control Codes

### STAR mode

#### 6-1. Control Codes Used in Character Setting

Control codes	Hexadecimal codes	Function
<ESC> “R” n	1B 52 n	Select international character set. Default is according to the dip switch settings 3, 4 and 5.
<ESC> “M”	1B 4D	Select 7 × 7 (Half dots) character size (Default setting)
<ESC> “P”	1B 50	Select 9 × 7 (Half dots) character size
<SO>	0E	Select expanded character mode
<SI>	0F	Cancel expanded character mode (Default setting)
<DC4>	14	Cancel expanded character mode (Default setting)
<ESC> “W” “1”	1B 57 31	Select expanded character mode
<ESC> “W” <1>	1B 57 01	
<ESC> “W” “0”	1B 57 30	Cancel expanded character mode (Default setting)
<ESC> “W” <0>	1B 57 00	

#### 6-2. Control Codes Used in Print Mode Setting

Control codes	Hexadecimal codes	Function
<ESC> “4”	1B 34	Red color print selection (enable for SP216)
<ESC> “5”	1B 35	Red color print deselection (enable for SP216) (Default setting)
<ESC> “E”	1B 45	Emphasized print mode selection
<ESC> “F”	1B 46	Emphasized print mode deselection (Default setting)

#### 6-3. Control Codes Used in Line Spacing

Control codes	Hexadecimal codes	Function
<LF>	0A	Line feed
<CR>	0D	Line feed (same as LF)
<ESC> “a” n	1B 61 n	Feed paper n lines

## 6-4. Control Codes Used for Peripheral Units

Control codes	Hexadecimal codes	Function
<ESC> <BEL> n1 n2	1B 07 n1 n2	Adjust drive pulse width for peripheral unit (Default setting)
<BEL>	07	Deferred drive command “A” for peripheral unit 1
<FS>	1C	Immediate drive command “B” for peripheral unit 1

## 6-5. Auto Cutter Control (SP240 type only)

Control codes	Hexadecimal codes	Function
<ESC> “d” “0” <ESC> “d” <0>	1B 64 30 1B 64 00	Full-cut command to the auto cutter
<ESC> “d” “1” <ESC> “d” <1>	1B 64 31 1B 64 01	Partial-cut command to the auto cutter

## 6-6. Other Control Codes

Control codes	Hexadecimal codes	Function
<CAN>	18	Cancel print data in buffer
<ESC> “@”	1B 40	Initialize printer
<ESC> “e” “0” <ESC> “e” <0>	1B 65 30 1B 65 00	ON LINE/FEED switch valid (Default setting)
<ESC> “e” “1” <ESC> “e” <1>	1B 65 31 1B 65 01	ON LINE/FEED switch invalid
<ESC> “f” “0” <ESC> “f” <0>	1B 66 30 1B 66 00	ON LINE switch valid (Default setting)
<ESC> “f” “1” <ESC> “f” <1>	1B 66 31 1B 66 01	ON LINE switch invalid