

## IGNORED OR UNDEFINED CODES

Codes that are unusable or undefined in a given print mode are either ignored or printed with the symbol X which represents an invalid code.

There are several reasons a code may be unusable in a certain mode. Redundant codes that don't change the current Printer status are usually ignored. For example, if the Printer is in DP mode, sending a CHR\$(19) (used to enter DP mode) is useless. And there are many ASCII control codes in the range 0 to 31 that the DMP-2100P simply doesn't recognize. ASCII 0, for example, is not used in any of the three print modes.

The following table summarizes the undefined print codes:

## ALL MODES:

- \* Out of range on repeat sequence.
- \* Out of range POS sequence.
- \* Redundant codes that don't change the current Printer status.

For example, if you send a CHR\$(14) when underline is already set.

DP MODE: 0,1,19,30,127,255

WP MODE: 0,1,20,30,127,255

GRAPHICS MODE: All codes in the range 0 to 127 are ignored except: (10), (12), (13), (27 14), (27 15), (27 16 n1 n2), (27 49), (27 52 n), (27 71), (27 73 n1 n2..), (27 75), (27 76), (28 n1 n2), (30).

Unprintable repeat sequence data n2 is also ignored.

## CODES PRINTED AS X

## DP AND WP:

- \* All codes for 0 to 31 and 128 to 159, except the active function code or the above ignored codes.

- \* Unprintable repeat data n2.

## CONTROL CODES

| CODE DEC. | DP MODE  | WP MODE  | GRAPHICS MODE                        | REMARKS |
|-----------|--|--|--------------------------------------|---------|
| 00        |  |  |                                      |         |
| 01        | Ignored  | Ignored  | Ignored                              |         |
| 08<br>n   | Backspace (n= Binary) n: Backspaced point number | Backspace (n= Binary) n: Backspaced point number | Ignored receives n as character data | ***     |
| 10        | Executes LF acc                                  | Full Line Feed                                   | 7/60" LF                             | * LF/NL |

|                      |   |   |   |                           |
|----------------------|---|---|---|---------------------------|
|                      | ording to latched information   | (Executive)   | (Executive)   | selectable                |
| 12                   | Form Feed   | Form Feed   | Form Feed   | LF/NL selectable          |
| 13                   | Carriage Return (When NL, LF Pitch is latched one)                                      | Carriage Return (When NL, LF Pitch is 1/6" per line)                                    | Carriage Return (When NL, LF Pitch is 7/60" per line)                                   | NL/CR selectable          |
| 14                   | End Underline   | End Underline   | Ignored   |                           |
| 15                   | Start Underline   | Start Underline   | Ignored   |                           |
| 18                   | Select Graphics Mode  | Select Graphics Mode  | Ignored   |                           |
| 19                   | Ignored   | Select DP Mode  | Ignored   |                           |
| 20                   | Select WP Mode  | Ignored   | Ignored   |                           |
| 27<br>01<br>~<br>09  | Proportional Spacing (2nd byte is point column number)                                  | Proportional Spacing (2nd byte is point column number)                                  | Ignored   | ***                       |
| 27<br>10             | Set Full Reverse Line Feed (No motion)  | Set Full Reverse Line Feed (No motion)  | Ignored   | ***                       |
| 27<br>14             | Start Elongation  | Start Elongation  | Start Elongation  |                           |
| 27<br>15             | End Elongation  | End Elongation  | End Elongation  |                           |
| 27<br>16<br>n1<br>n2 | Positioning (2 pitches are available) (n1, n2 indicate dot position from home position) | Positioning (2 pitches are available) (n1, n2 indicate dot position from home position) | Positioning (2 pitches are available) (n1, n2 indicate dot position from home position) | n1n2: Binary value<br>*** |
| 27<br>17             | Select Proportional Character   | Select Proportional Character   | Ignored   |                           |
| 27<br>18             | Select Correspondence Normal Character  | Select Correspondence Normal Character  | Ignored   | 10 CPI                    |
| 27                   | Select Standard Normal  | Select Standard Normal  | Ignored   |                           |

|    |   |   |   |        |
|----|---|---|---|--------|
| 19 | Character   | Character   |   | 10 CPI |
| 27 | Select Condensed Character                            | Select Condensed Character                            | Ignored                                     | 17 CPI |
| 20 |   |   |   |        |
| 27 | Select CR only  | Select CR only  | Select CR only                              |        |
| 21 |   |   |   |        |
| 27 | Select CR = NL  | Select CR = NL  | Select CR = NL                              |        |
| 22 |   |   |   |        |
| 27 | Select Standard 12 Character                          | Select Standard 12 Character                          | Ignored                                     | 12 CPI |
| 23 |   |   |   |        |
| 27 | Set Half Forward Line Feed (No motion)                | Half Forward Line Feed (Executive)                    | Ignored                                     |        |
| 28 |   |   |   |        |
| 27 | Select Correspondence 12 Character                    | Select Correspondence 12 Character                    | Ignored                                     | 12 CPI |
| 29 |   |   |   |        |
| 27 | Set Half Reverse Line Feed (No motion)                | Half Reverse Line Feed (Executive)                    | Ignored                                     |        |
| 30 |   |   |   |        |
| 27 | Start Bold Character                                  | Start Bold Character                                  | Ignored                                     |        |
| 31 |   |   |   |        |
| 27 | End Bold Character                                    | End Bold Character                                    | Ignored                                     |        |
| 32 |   |   |   |        |
| 27 | 1/20 (1/120") Forward Line Feed (Executive)           | 1/20 (1/120") Forward Line Feed (Executive)           | 1/20 (1/120") Forward Line Feed (Executive) |        |
| 49 |   |   |   |        |
| 27 | Form Feed Set   | Form Feed Set   | Form Feed Set                               |        |
| 52 |   |   |   |        |
| n  |   |   |   |        |
| 27 | Set Full Forward Line Feed (No motion)                | Full Forward Line Feed                                | Ignored                                     |        |
| 54 |   |   |   |        |
| 27 | Set 3/4 Forward Line Feed (No motion)                 | Set 3/4 Forward Line Feed (Executive)                 | Ignored                                     |        |
| 56 |   |   |   |        |
| 27 | Font Assign Correspondence 10 character d:font number | Font Assign Correspondence 10 character d:font number | Ignored                                     |        |
| 61 |   |   |   |        |
| d  |   |   |   |        |
| 27 | Font Assign   | Font Assign   | Ignored                                     |        |

|  |   |   |   |  |
|--|---|---|---|--|
| 62<br>d  | Correspondence<br>12 character<br>d:font number   | Correspondence<br>12 character<br>d:font number   |   |  |
| 27<br>63<br>d  | Font Assign<br>Proportional<br>character<br>d:font number   | Font Assign<br>Proportional<br>character<br>d:font number   | Ignored   |  |
| 27<br>58   | Select IBM<br>Character Set   | Select IBM<br>Character Set   | Ignored   | See Appendix F                                       |
| 27<br>59   | Select TRS<br>Character Set   | Select TRS<br>Character Set   | Ignored   |  |
| 27<br>33   | Enter IBM<br>Emulation Mode   | Enter IBM<br>Emulation Mode   | Enter IBM<br>Emulation Mode   |  |
| 27<br>71   | 4/5 (2/15")<br>Forward Line<br>Feed (Executive  | 4/5 (2/15")<br>Forward Line<br>Feed (Executive  | 4/5 (2/15")<br>Forward Line<br>Feed (Executive  |  |
| 27<br>73<br>n1,n2<br>d1,d2<br>d3                             | High-Resolution<br>Graphics (n1,n2<br>indicate point<br>column length)<br>d,d2,d3,...are<br>Image data) | High-Resolution<br>Graphics (n1,n2<br>indicate point<br>column length)<br>d1,d2,d3...are<br>Image data) | High-Resolution<br>Graphics (n1,n2<br>indicate point<br>column length)<br>d1,d2,d3...are<br>Image data) |  |
| 27<br>75   | Insert New<br>Paper   | Insert New<br>Paper   | Insert New<br>Paper   |  |
| 27<br>76   | Insert New<br>Paper   | Insert New<br>Paper   | Insert New<br>Paper   |  |
| 28<br>n1<br>n2   | Repeat<br>Character<br>(Undefined code<br>is changed to X   | Repeat<br>Character<br>(Undefined code<br>is changed to X   | Repeat Print<br>Data (Data is<br>ignored if MSB<br>MSB=0.)  | n1:Repeat<br>number<br>n2:Character<br>or print data |
| 30   | Ignored   | Ignored   | End Graphics  |  |
| 127  | Ignored   | Ignored   | Ignored   |  |
| 255  | Ignored   | Ignored   | (Printing Data  |  |
| Other codes in function<br>area, 02 to 31 (02 to<br>1F hex.) |   | Prints X  | Prints X  | Ignored  |
| Codes 128 to 159 (80 to<br>9F.) 224 to 254 (E0 to<br>FE.)    |   | Prints X  | Prints X  | (Printing Data                                       |

\* If Function Selection Switch 6 is set to OFF, one line feed operation is

performed at the same time

\*\*\* These codes may not be able to be sent to the Printer by your computer. In this case, use system commands to send them.

(dtc-07/26/93)