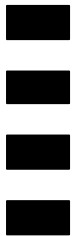


OWN

FORM



| **FORMs3 programming manual**



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CHAPTER 1 : GENERAL DESCRIPTION**General**

This programme is developed in order to enable any user to connect their AXIOME OMR reader to (almost) any computer. After power-on, before the feed command, it is possible to send the reader a list of commands to suit your computer interface.

The commands are described in this document.

How to use it ?

The reader is entirely under the computer's control and doesn't proceed by itself to a logical control of the read data.

The computer sends to the reader the configuration, reading and ejection commands. These parameters are not registered in the reader.

The reader sends the read marks to the computer according to two ways to be chosen from:

- hexadecimal mode: each document line has a 12 character code,
- co-ordinates mode: each mark is sent in a 4 character form showing the line
and track numbers.

The user can define if the reader must wait for a command from the computer (acceptance or rejection of document) after each document, or if the reading and transmission of data must be sent for each document without waiting for any command.

A reader working with **FORMs3** sends error messages (no document to be read, no clock-marks on document...) to the computer, which has to take the decision on the processing follow up.

A reader working with **FORMs3** is entirely guided by the computer.

The communication protocol is fixed but the transmission speed can be modified by switches on the models axm 952 and axm 985 or by modifying a firmware address on the models axm 930 and axm 99x.

FORMs3 is compatible with STANDA from KAISER (versions 6.08 and 7.01).

CHAPTER 2 : The feeding commands

L command

'L' Hex value : 4C H
 Read a document and send the data in hex format (12 characters per line). The reader is in auto feed mode : as soon as a document is laid onto the reader, it will be transported and read by pressing the start key of the reader. No error messages will be sent.

A line (status) is not sent if at least one track is marked.

'I' Hex value : 6C H
 Same format as 'L' command, but the reader will wait the 'I' command to feed the next document. The error messages will be sent.

A line is sent if at least one track is marked.

Hex format reader output string (Hex format see appendix B)

ccddddddddd

- cc = Clock number in DECIMAL code
- d = Read data in HEX code
- <CR> = Carriage return
- <LF> = Line feed

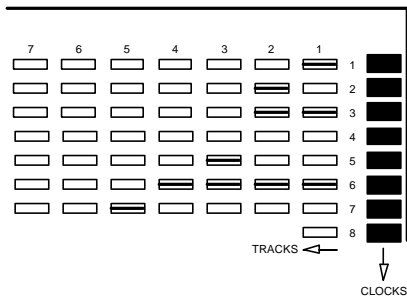
The last string is ever followed by <CR><LF>

Example :

ccddddddddd

12 characters per line

010000000001
 020000000002
 030000000003
 050000000004
 06000000000F
 070000000010<CR><LF>



K command

'K' Hex value : 4B H
Same as 'L' command, but the data are sent as co-ordinates.

A line (status) is not sent if at least one track is marked.

'k' Hex value : 6B H
Same as 'l' command, but the data are sent as co-ordinates.

A line (status) is sent if at least one track is marked.

Co-ordinates reader output string

cctt

- cc = Clock number in DECIMAL code
- tt = Track number in DECIMAL code (01 to 40)
- <CR> = Carriage return
- <LF> = Line feed

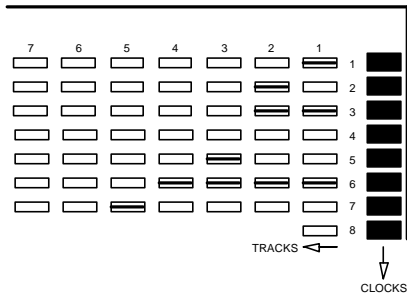
The last string is ever followed by <CR><LF>

Example :

cctt

0101
0202
0301
0302
0503
0601
0602
0603
0604
0705<CR><LF>

2 characters clk and 2 characters track



CHAPTER 3 : The ejection commands**G command**

- 'G' Hex value : 47 H
Eject the sheet to the good "**Gut**" output tray
- 'g' Hex value : 67 H
Same as 'G' command.

S command

- 'S' Hex value : 53 H
Eject the sheet back to the input tray for all the manual AXIOME readers. For the readers with two output trays, the document is sent to the bad "**Schlecht**" output tray. For the AXM952, the document is sent to the good tray, give an error message on the display and returned an error message "M08" to the host.
- 's' Hex value : 6B H
Same as 'S' command.

W command

- 'W' Hex value : 57 H
Resend to the host the data of the last reading document (this command can be used many time, while the sheet remain not ejected).
- 'w' Hex value : 77 H
Same as 'W' command.

CHAPTER 4 : The configuration commands

The following commands have to be configured before started reading the first document.

C command

'C' Hex value : 43 H
Set the reader to place the number of clocks read, on each document, at the beginning of the data record (see example).

Hex format reader output string

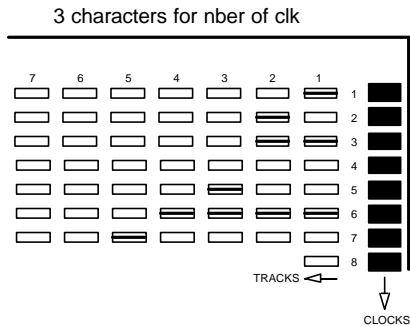
nnnccddddddddd . . .

- nnn = Number of clock marks read on the document
- cc = Clock number in DECIMAL code
- d = Read data in HEX code
- <CR> = Carriage return
- <LF> = Line feed

Example : "with 'L' command"

nnnccddddddddd . . .

007010000000001
020000000002
030000000003
050000000004
06000000000F
070000000010<CR><LF>



'c' * Hex value : 63 H
With lowercase c, this option is reseted and the number of clock marks will be no more transmitted

O command

'O' Hex value : 4F H
Set the reader to place CR and LF characters after each elementary data in the record (every line is followed by CR and LF).

Example : "with 'L' command"

```
ccdddddddddd<CR><LF>ccddd . . .
```

cc = Clock number in DECIMAL code
d = Read data in HEX code
<CR> = Carriage return
<LF> = Line feed

Example :

```
010000000001<CR><LF>  
02000000000B<CR><LF>  
03000000000F<CR><LF>
```

Example : "with 'K' command"

```
cc<CR><LF>cc<CR>...
```

cc = Clock number in DECIMAL code
tt = Track number in DECIMAL code
<CR> = Carriage return
<LF> = Line feed

Example :

```
0101<CR><LF>  
0201<CR><LF>  
0202<CR><LF>  
0204<CR><LF>  
0301<CR><LF>  
0302<CR><LF>  
0303<CR><LF>  
0304<CR><LF>
```

'o' * Hex value : 6F H
Reset the option, CR and LF will no more sent.

X command

'X' Hex value : 58 H
Set the reader to place data between STX and ETX instead of CR and LF at the end.

Example : "with 'L' command"

```
<STX>cccccccccccccccc...<ETX>
```

cc = Clock number in DECIMAL code
d = Read data in HEX code
<STX> = Start of text
<ETX> = End of text

Example :

```
<STX>010000000001  
02000000000B  
03000000000F<ETX>
```

Example : "with 'K' command"

```
<STX>ccctcc...<ETX>
```

cc = Clock number in DECIMAL code
tt = Track number in DECIMAL code
<STX> = Start of text
<ETX> = End of text

Example :

```
<STX>0101  
0201  
0202  
0204  
0301  
0302  
0303  
0304<ETX>
```

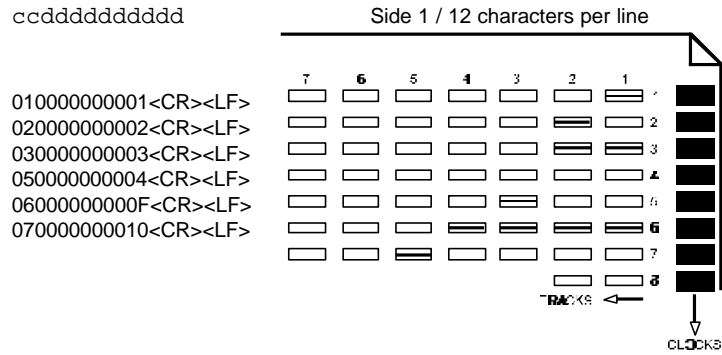
'x' * Hex value : 78 H
Reset the option, return in CR / LF mode.

The both mode ('O' and 'X') can be selected.

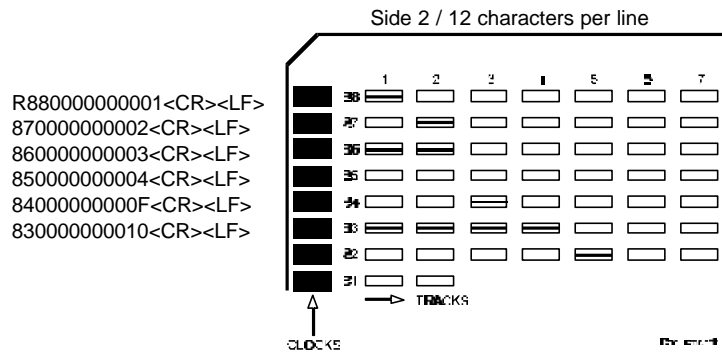
D command

'D' Hex value : 44 H
 In case of, your reader can read 2 side sheets, the read will sent first the data of side 1, than send R and after the data of side 2.

Example : "with 'L' and 'O' command"



Turn the document like a book page.

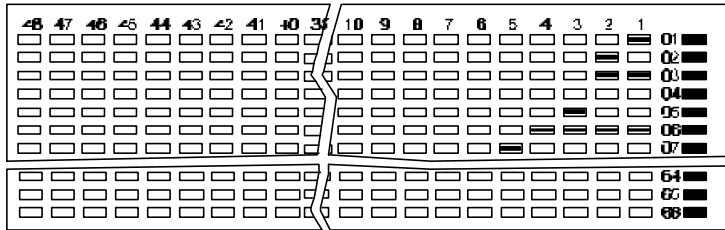


'd' * Hex value : 64 H
 The read will sent **only** the data of side 1.

R command

'R' Hex value : 52 H
 This command will make a rotation of 180° of the sheet. The reader will sent the first clock as the last and the first colon as the last.

Example :



The output format after a "I" :

```
010000000001
020000000002
030000000003
050000000004
06000000000F
070000000010
```

The output format after a "R" and a "I" :

```
600800000000
61F000000000
622000000000
64C000000000
654000000000
668000000000
```

'r' * Hex value : 72 H
 This command will make **no** rotation of 180° of the sheet

B command

'B' Hex value : 42 H
In case of, you reader is equipped with bar-code reading option and you want only to read the bar-code data, this command instructs the reader to process only the bar-code.
The bar-code data are preceded and followed by " (Hex value : 22 H).

"yyy . . . yy"

'b' * Hex value : 62 H
The bar-code data follows the OMR data.

ccdddddddd "yyy . . . yy"

cc = Clock number in DECIMAL code
d = Read data in HEX code
<CR> = Carriage return
<LF> = Line feed

P command

'P' Hex value : 50 H
The bar-code data are sent with the indication of the type and the position of the bar-code.

"[Cxxxxxx]yyy...yy"

'p' * Hex value : 70 H
The bar-code data are sent without type and position of the bar-code.

"yyy...yy"

cc = Clock number in DECIMAL code

d = Read data in HEX code

yyy...y = Bar-code value

C = Bar-code type:

I = interleaved 2/5 forward

J = interleaved 2/5 backward

A = codabar forward

B = codabar backward

C = code 128 forward and backward

E = code 39 forward

F = code 39 backward

G = code AXIOME forward

H = code AXIOME backward

T = EAN 8 or 13 forward

S = EAN 8 or 13 backward

xxxxxx = # Distance up to the end of the document

<CR> = Carriage return

<LF> = Line feed

Presently this value can't be converted in mm, because the reliability is not guaranteed.

T command

'T' Hex value : 54 H

Set the reader to **wait for the key** pushed after a rejection backwards.

't' * Hex value : 74 H

No wait for the key. The reader is ready to accept the next command without acknowledgement on the reader button.

CHAPTER 5 : Error messages**Error messages after a lowercase command**

If the host command was 'l' or 'k' (lowercase) and a function goes wrong, the reader responds with one of the following error message.
The error messages are preceded and followed from STX and ETX if this mode is selected.

M00 No document present to read (on manual reader).

M02 The input tray is empty (on automatic reader).

M08 Bad feeding.

M10 Too long, too short, too thin, too thick.

M20 Path not free.

M99 No clock mark on the document.

Example : After a lowercase command

In ETX mode <STX>M99<STX><ETX>

* In LF mode M99<CR><LF>

Error messages after a uppercase command

With uppercase command **no error message will be sent**, and the " no clock mark on the document error " is processed as follow.

Example : After a uppercase command

In ETX mode <STX><ETX>

* In LF mode <CR><LF>

a * indicates the default values after power-on

CHAPTER 6 : Information's**V command**

'V' Hex value : 56 H
Ask the reader to send the software version number to the host.

'v' Hex value : 76 H
Same as 'V'

Example :

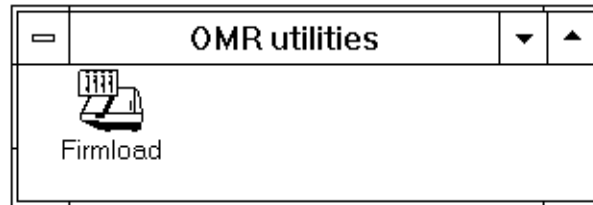
```
FORS3 06/08/96<CR><LF>
```


CHAPTER 7 : Possibility to fix commands

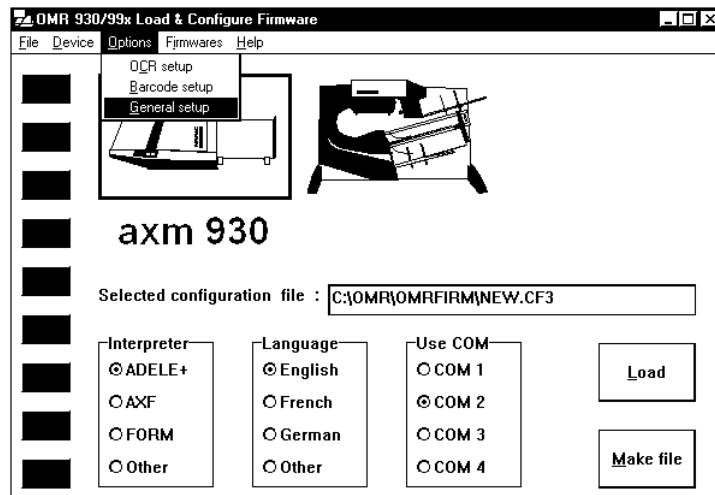
The AXIOME Flood Windows® program gives the possibility to fix, many Forms3 commands in the firmware of the axm930 and 99x readers,. On the axm926,952,985 readers, you must read the Firmware Prom on a Prom programmer, modify the value on the addresses describes further and than burn a new Prom.

If you use an axm 930 or a axm99x (reader), proceed like follows :

- Execute the FLOAD.EXE program or click with the mouse on the FIRMLOAD icon.



- Select the reader type and the configuration type (Software, Language, Com) by clicking with the mouse on the box you want to select.
- Open the General setup menu by clicking on the "Option" and then "General setup".



- Type the address number of the command, then an equal sign and the Hex value to be fixed (see below) in the "Special options" column. Only a byte by line is allowed.

The syntax is : addr=val

- addr : 4 hexadecimal digits from 0001 to FFFF

- val : 2 hexadecimal digits from 00 to FF

To be careful with this facility some values at some memory address can produce unpredictable behaviour and damages at the machine.

General setup

Feeding options

With thickness and length test

Length test only

No test

Top head

48 CH

40 CH

32 CH

12 CH

None

Bottom head

48 CH

40 CH

32 CH

12 CH

None

Special options :

5039=43
503B=50
503F=04
501E=00

Printer offset from top of sheet in cm :

Enter here special patch

OK Cancel

- Click on OK to confirm your choice.
- Press the selector key before switching the reader on (switch ON).
- Click "LOAD" to start the transmission to the reader. On the reader display, a cross turns during the whole transport.

Addresses

- For the axm 926,952,985 readers, the programming address begin at 3000H
- For the axm 930,99x,995 readers, the programming address begin at 5000H

B command*(for more information see page 13)*

B: 5038H=42H
b: 5038H<>42H default FFH

C command*(for more information see page 7)*

C: 5039H=43H
c: 5039H<>43H default FFH

O command*(for more information see page 8)*

O: 503AH=4FH
o: 503AH<>4FH default FFH

P command*(for more information see page 14)*

P: 503BH=50H
p: 503BH<>50H default FFH

R command*(for more information see page 12)*

R: 503CH=52H
r: 503CH<>52H default FFH

X command*(for more information see page 9)*

X: 503DH=58H
x: 503DH<>58H default FFH

D command*(for more information see page 10)*

D: 503EH=44H
D: 503EH<>44H default FFH

Number of column read

column 503FH=FFH head same default FFH
503FH=1/ 2/ 3/ 4/ 5/ 6/ 7/ 8/ 9/ ./ ;/ > quarter of column

Baud-rate adjusting

baudr 501DH=00 default unchanged (9600)
501DH=01(1200) 02(2400) 03(4800) 04(9600) 05(19200) 06(38400)

uart 501EH=00 default unchanged (e,7,1)
501EH=7AH (e,7,1) 6EH (n,8,1)

C command

side 5020H=00 default if D command also output : SIDE1-R-SIDE2
5020H<>0 if D command also output SIDE1-SIDE2 without reset
from line counter.

CHAPTER 8 : ASCII characters

| OCTAL | DEC | HEX | CHRS | CTRL KEY | DESCRIPTION |
|-------|-----|-----|-------|----------|---------------------------------------|
| 000 | 0 | 0 | <NUL> | @ | Null, tape feed. |
| 001 | 1 | 1 | <SOH> | A | Start of heading. |
| 002 | 2 | 2 | <STX> | B | Start of text. |
| 003 | 3 | 3 | <ETX> | C | End of text. |
| 004 | 4 | 4 | <EOT> | D | End of transmission. |
| 005 | 5 | 5 | <ENQ> | E | Enquiry, also WRU. |
| 006 | 6 | 6 | <ACK> | F | Acknowledge, also RU. |
| 007 | 7 | 7 | <BEL> | G | Rings the bell. |
| 010 | 8 | 8 | <BS> | H | Backspace, also FEB. |
| 011 | 9 | 9 | <HT> | I | Horizontal tab. |
| 012 | 10 | A | <LF> | J | Line feed, adv. cursor to next line. |
| 013 | 11 | B | <VT> | K | Vertical tab (VTAB). |
| 014 | 12 | C | <FF> | L | Form feed to top of next page. |
| 015 | 13 | D | <CR> | M | Carriage return to beginning of line. |
| 016 | 14 | E | <SO> | N | Shift out. |
| 017 | 15 | F | <SI> | O | Shift in. |
| 020 | 16 | 10 | <DLE> | P | Data line escape. |
| 021 | 17 | 11 | <DC1> | Q | Device ctrl 1,turns transm. on ,XON. |
| 022 | 18 | 12 | <DC2> | R | Device ctrl 2. |
| 023 | 19 | 13 | <DC3> | S | Device ctrl 3,turns transm. off ,XOFF |
| 024 | 20 | 14 | <DC4> | T | Device ctrl 4. |
| 025 | 21 | 15 | <NAK> | U | Negative acknowledge, also ERR . |
| 026 | 22 | 16 | <SYN> | V | Synchronous idle (SYNC). |
| 027 | 23 | 17 | <ETB> | W | End of transmission block. |
| 030 | 24 | 18 | <CAN> | X | Cancel (CANCL), escape sequence. |
| 031 | 25 | 19 | | Y | End of medium. |
| 032 | 26 | 1A | <SUB> | Z | Substitute. |
| 033 | 27 | 1B | <ESC> | [| Escape. |
| 034 | 28 | 1C | <FS> | \ | File separator. |
| 035 | 29 | 1D | <GS> |] | Group separator. |
| 036 | 30 | 1E | <RS> | ^ | Record separator. |
| 037 | 31 | 1F | <US> | _ | Unit separator. |
| 040 | 32 | 20 | <SP> | | Space. |
| 041 | 33 | 21 | <!> | | Exclamation point. |
| 042 | 34 | 22 | <"> | | Quotation mark |
| 043 | 35 | 23 | <#> | | Number sign. |
| 044 | 36 | 24 | <\$> | | Dollar sign. |
| 045 | 37 | 25 | <%> | | Percent sign. |
| 046 | 38 | 26 | <&> | | Ampersand. |
| 047 | 39 | 27 | <'> | | Acute accent or apostrophe. |
| 050 | 40 | 28 | <(> | | Open parenthesis. |
| 051 | 41 | 29 | <)> | | Close parenthesis. |
| 052 | 42 | 2A | <*> | | Asterisk. |
| 053 | 43 | 2B | <+> | | Plus sign. |

| | | | | |
|-----|----|----|-----|--------|
| 054 | 44 | 2C | <,> | Comma. |
|-----|----|----|-----|--------|

| OCTAL | DEC | HEX | CHRS | CTRL KEY | DESCRIPTION |
|-------|-----|-----|------|----------|-----------------------|
| 055 | 45 | 2D | <-> | | Hyphen or minus sign. |
| 056 | 46 | 2E | <.> | | Period. |
| 057 | 47 | 2F | </> | | Slash. |
| 060 | 48 | 30 | <0> | | Number 0. |
| 061 | 49 | 31 | <1> | | Number 1. |
| 062 | 50 | 32 | <2> | | Number 2. |
| 063 | 51 | 33 | <3> | | Number 3. |
| 064 | 52 | 34 | <4> | | Number 4. |
| 065 | 53 | 35 | <5> | | Number 5. |
| 066 | 54 | 36 | <6> | | Number 6. |
| 067 | 55 | 37 | <7> | | Number 7. |
| 070 | 56 | 38 | <8> | | Number 8. |
| 071 | 57 | 39 | <9> | | Number 9. |
| 072 | 58 | 3A | <:> | | Colon. |
| 073 | 59 | 3B | <:> | | Semicolon. |
| 074 | 60 | 3C | <<> | | Less than. |
| 075 | 61 | 3D | <=> | | Equal sign. |
| 076 | 62 | 3E | <>> | | Greater than. |
| 077 | 63 | 3F | <?> | | Question mark. |
| 100 | 64 | 40 | <@> | | At sign. |
| 101 | 65 | 41 | <A> | | Letter A. |
| 102 | 66 | 42 | | | Letter B. |
| 103 | 67 | 43 | <C> | | Letter C. |
| 104 | 68 | 44 | <D> | | Letter D. |
| 105 | 69 | 45 | <E> | | Letter E. |
| 106 | 70 | 46 | <F> | | Letter F. |
| 107 | 71 | 47 | <G> | | Letter G. |
| 110 | 72 | 48 | <H> | | Letter H. |
| 111 | 73 | 49 | <I> | | Letter I. |
| 112 | 74 | 4A | <J> | | Letter J. |
| 113 | 75 | 4B | <K> | | Letter K. |
| 114 | 76 | 4C | <L> | | Letter L. |
| 115 | 77 | 4D | <M> | | Letter M. |
| 116 | 78 | 4E | <N> | | Letter N. |
| 117 | 79 | 4F | <O> | | Letter O. |
| 120 | 80 | 50 | <P> | | Letter P. |
| 121 | 81 | 51 | <Q> | | Letter Q. |
| 122 | 82 | 52 | <R> | | Letter R. |
| 123 | 83 | 53 | <S> | | Letter S. |
| 124 | 84 | 54 | <T> | | Letter T. |
| 125 | 85 | 55 | <U> | | Letter U. |
| 126 | 86 | 56 | <V> | | Letter V. |
| 127 | 87 | 57 | <W> | | Letter W. |
| 130 | 88 | 58 | <X> | | Letter X. |

| | | | | | |
|-----|----|----|-----|--|-----------|
| 131 | 89 | 59 | <Y> | | Letter Y. |
| 132 | 90 | 5A | <Z> | | Letter Z. |

| OCTAL | DEC | HEX | CHRS | CTRL KEY | DESCRIPTION |
|-------|-----|-----|-------|----------|------------------------|
| 133 | 91 | 5B | <[> | | Open brackets. |
| 134 | 92 | 5C | <[> | | Reverse slash. |
| 135 | 93 | 5D | <]> | | Close Brackets. |
| 136 | 94 | 5E | <^> | | Up arrow / caret. |
| 137 | 95 | 5F | <_> | | Underscore. |
| 140 | 96 | 60 | <'> | | Grave accent. |
| 141 | 97 | 61 | <a> | | Letter a. |
| 142 | 98 | 62 | | | Letter b. |
| 143 | 99 | 63 | <c> | | Letter c. |
| 144 | 100 | 64 | <d> | | Letter d. |
| 145 | 101 | 65 | <e> | | Letter e. |
| 146 | 102 | 66 | <f> | | Letter f. |
| 147 | 103 | 67 | <g> | | Letter g. |
| 150 | 104 | 68 | <h> | | Letter h. |
| 151 | 105 | 69 | <i> | | Letter i. |
| 152 | 106 | 6A | <j> | | Letter j. |
| 153 | 107 | 6B | <k> | | Letter k. |
| 154 | 108 | 6C | <l> | | Letter l |
| 155 | 109 | 6D | <m> | | Letter m. |
| 156 | 110 | 6E | <n> | | Letter n. |
| 157 | 111 | 6F | <o> | | Letter o. |
| 160 | 112 | 70 | <p> | | Letter p. |
| 161 | 113 | 71 | <q> | | Letter q. |
| 162 | 114 | 72 | <r> | | Letter r. |
| 163 | 115 | 73 | <s> | | Letter s. |
| 164 | 116 | 74 | <t> | | Letter t. |
| 165 | 117 | 75 | <u> | | Letter u. |
| 166 | 118 | 76 | <v> | | Letter v. |
| 167 | 119 | 77 | <w> | | Letter w. |
| 170 | 120 | 78 | <x> | | Letter x. |
| 171 | 121 | 79 | <y> | | Letter y. |
| 172 | 122 | 7A | <z> | | Letter z. |
| 173 | 123 | 7B | <{> | | Left brace. |
| 174 | 124 | 7C | < > | | Vertical bar (broken). |
| 175 | 125 | 7D | <}> | | Right brace. |
| 176 | 126 | 7E | <~> | | Tilde. |
| 177 | 127 | 7F | | | Delete (reboot) |

CHAPTER 9 : Hex code description

| Hex | Binary | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | |
|-----|-----------|--------------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|----|
| 01 | 0000 0001 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 1 |
| 02 | 0000 0010 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2 |
| 03 | 0000 0011 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3 |
| 04 | 0000 0100 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4 |
| 05 | 0000 0101 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5 |
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| 09 | 0000 1001 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 9 |
| 0A | 0000 1010 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 |
| 0B | 0000 1011 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 11 |
| 0C | 0000 1100 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 12 |
| 0D | 0000 1101 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 13 |
| 0E | 0000 1110 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 14 |
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| ... | | | | | | | | | | 34 |



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