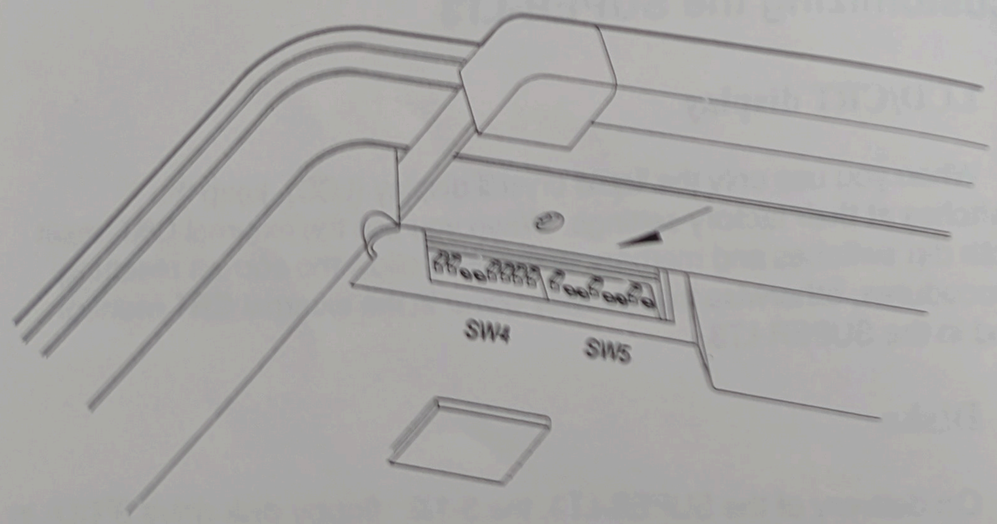
DIP SWITCH

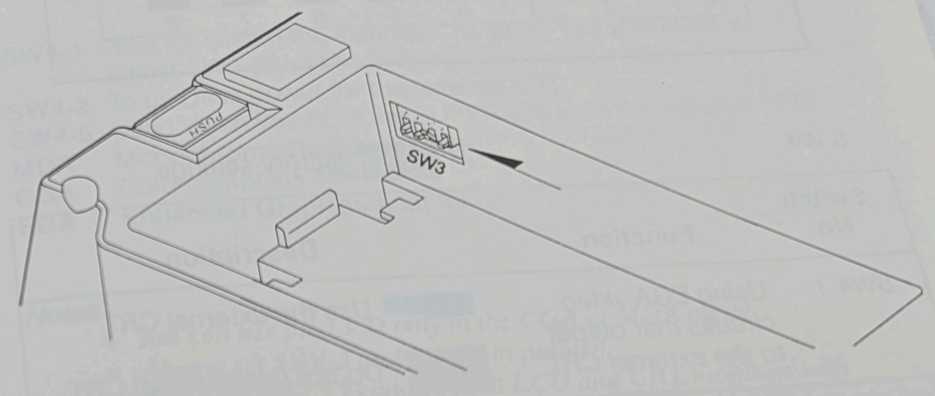
The SUPER-LT3 has dip Switches SW3, SW4, and SW5; these total 20 bits. Set dip switches before setting memory switches or SOFT KEY functions.

The SW4 and SW5 are located at the lower left part behind the handle-bar. The SW3 is located in the enclosure used for the battery pack. Turn the SUPER-LT3 OFF before adjusting the dip switches; adjust switches using the tip of a mechanical pencil or similar tool.

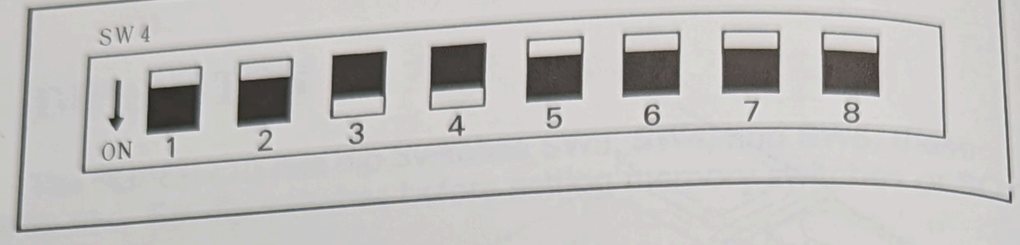


UNDER BOTTOM VIEW

DIP SWITCH SW4, SW5



DIP SWITCH SW3



S W4 ▒ factory-settings.

Switch No.	Function		Description
SW4-1	Using EGA video circuits that output to the external CRT.	ON	Use the external CRT.
		OFF	Do not use external CRT.
SW4-2	Use of the LCD.	ON	Do not use the LCD.
		OFF	Use the LCD.
SW4-3	Selecting the LCD mode(valid when SW4-2 is OFF)	ON	CGA mode
		OFF	MDA mode
SW4-4	Setting the video circuit mode for LCD (Adjust to the setting of SW4-3 above)	ON	CGA mode
		OFF	MDA mode
SW4-5	Setting the order of the floppy disk drives	ON	Internal FDD = B: External FDD = A:
		OFF	Internal FDD = A: External FDD = B:
SW4-6	Setting CPU's clock rate	ON	8 MHz
		OFF	10 MHz
SW4-7	Setting system	OFF	Keep the setting OFF
SW4-8	Setting system	OFF	Keep the setting OFF

Description of SW4

SW4-1 valid for setting the external CRT port. You
adjust SW5 (SW5-I to SW5-6).
SW4-2 To use less power for the external CRT.
SW4-5 Used when you boot the SUPER-LT3 fro
MDA Monochrome Display Adapter
CGA Color Graphics Adapter
EGA Enhanced Graphics Adapter

Notes:

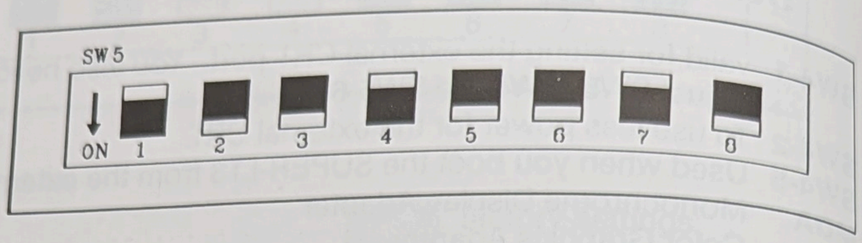
- *You can use the LCD only in the CGA o*
- *Always set SW4-3 and SW4-4 in paralle*
- *The SUPER-LT3 can use both LCD an MODE.COM program. Always use the the CRT in the EGA mode.*

Description of SW4

SW4-1 valid for setting the external CRT port. You also need to adjust SW5 (SW5-I to SW5-6).
SW4-2 To use less power for the external CRT.
SW4-5 Used when you boot the SUPER-LT3 from the external FDD.
MDA Monochrome Display Adapter
CGA Color Graphics Adapter
EGA Enhanced Graphics Adapter

Notes:

- *You can use the LCD only in the CGA or MDA mode.*
- *Always set SW4-3 and SW4-4 in parallel.*
- *The SUPER-LT3 can use both LCD and CRT monitors with MODE.COM program. Always use the LCD in the MDA mode and the CRT in the EGA mode.*



SW5 adjusts EGA mode values; it works only when SW4-1 is ON. When the LCD screen is used, you don't need to reset the system.

Factory-setting

	SW5-1	SW5-2	SW5-3	SW5-4	Video Adapter Support	
	1	2	3	4	Primary Screen	Secondary Screen
	OFF	OFF	OFF	OFF	N / A	N / A
	ON	OFF	OFF	OFF	N / A	N / A
	OFF	ON	OFF	OFF	N / A	N / A
	ON	ON	OFF	OFF	N / A	N / A
*1	OFF	OFF	ON	OFF	EGA MONO	CGA 80 x 25
	ON	OFF	ON	OFF	EGA MONO	CGA 40 x 25
	OFF	ON	ON	OFF	EGA ECD Hi Res.	MDA MONO
	ON	ON	ON	OFF	EGA ECD 80 x25.	MDA MONO
	OFF	OFF	OFF	ON	CGA 80 x 25	MDA MONO
	ON	OFF	OFF	ON	CGA 40 x 25	MDA MONO
*2	OFF	ON	OFF	ON	CGA 80 x 25	MDA MONO
	ON	ON	OFF	ON	CGA 40 x 25	MDA MONO
	OFF	OFF	ON	ON	MDA MONO	EGA ECD Hi Res.
	ON	OFF	ON	ON	MDA MONO	EGA ECD 80 x 25.
	OFF	ON	ON	ON	MDA MONO	CGA 80 x 25
	ON	ON	ON	ON	MDA MONO	CGA 40 x 25

*1 Assigning the EGA circuits to the Primary Screen.
*2 Assigning the EGA circuits to the Secondary Screen.

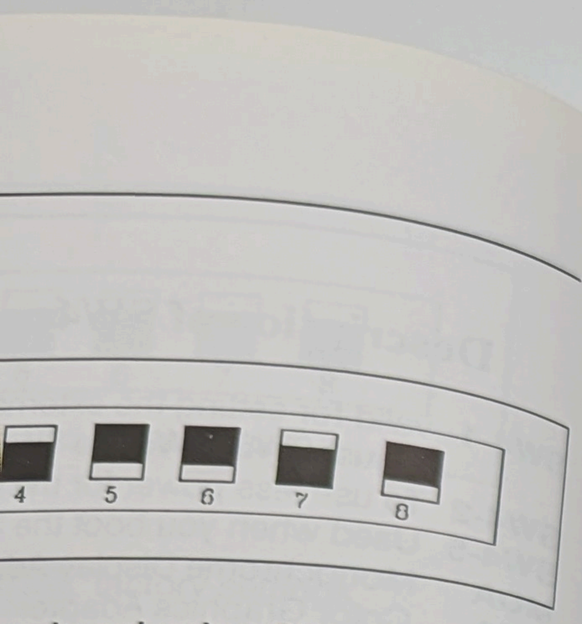
SW5-5	SW5-6	Default Mode
ON	ON	EGA
ON	OFF	CGA
OFF	ON	MDA
OFF	OFF	Reserved

No.	Function		Descriptio
SW5-7	Setting the system	OFF	Keep the s
SW5-8	Selecting the external CRT monitor	ON	CRT unit t
		OFF	CRT unit t or CGA m

Explanation SW5-1 to SW5-4: Selecting an EGA mo
SW5-5 to SW5-6: Setting the mode of the video circu
for the external CRT monitor when turning ON the sy

The following displays can be used as the extern
Monochrome Display (MD)
Color Display (CD)
Enhanced Color Display (ECD)
Variable Frequency Monitor

Example of Dip Switches of the Dual Display
hanced Color Display: CRT to meet EGA) and LC
same time.



works only when SW4-1 is ON.
need to reset the system.

deo Adapter Support	
reen	Secondary Screen
A	N/A
A	N/A
A	N/A
A	N/A
	CGA 80 x 25
	CGA 40 x 25
Res.	MDA MONO
x25.	MDA MONO
	MDA MONO
	MDA MONO
	MDA MONO
	MDA MONO
	EGA ECD Hi Res.
	EGA ECD 80 x 25.
	CGA 80 x 25
	CGA 40 x 25

ary Screen.
ondary Screen.

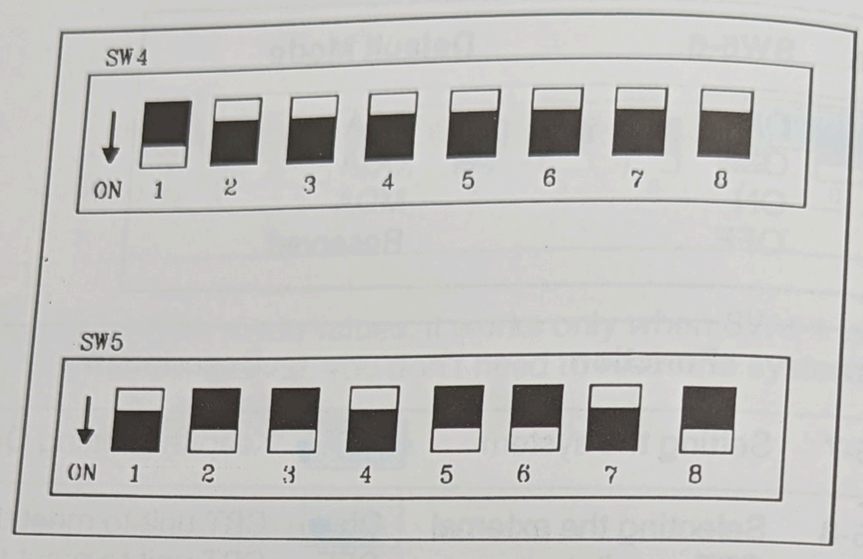
SW5-5	SW5-6	Default Mode
ON	ON	EGA
ON	OFF	CGA
OFF	ON	MDA
OFF	OFF	Reserved

No.	Function		Description
SW5-7	Setting the system	OFF	Keep the setting OFF
SW5-8	Selecting the external CRT monitor	ON	CRT unit to meet the EGA
		OFF	CRT unit to meet the MDA or CGA mode.

Explanation SW5-1 to SW5-4: Selecting an EGA mode.
SW5-5 to SW5-6: Setting the mode of the video circuits (EGA circuits) for the external CRT monitor when turning ON the system.

The following displays can be used as the external CRT
Monochrome Display (MD)
Color Display (CD)
Enhanced Color Display (ECD)
Variable Frequency Monitor

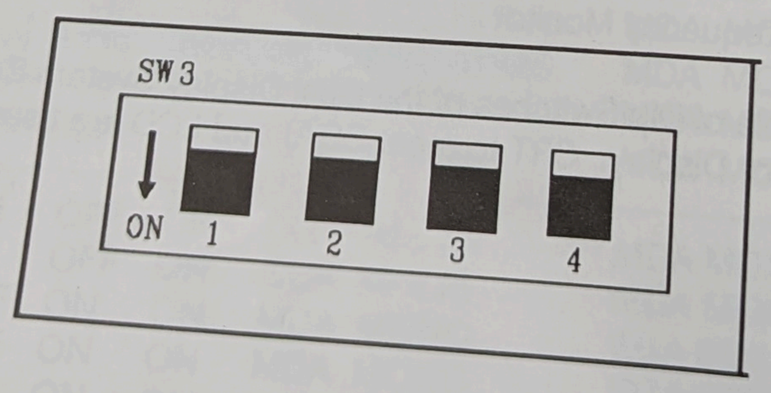
Example of Dip Switches of the Dual Display System ECD (Enhanced Color Display: CRT to meet EGA) and LCD are used at the same time.



Numbers SW4-5 and SW4-6 can be set freely. Set SW4-1 on when the external monitor of EGA (640 x 350) is used.

Description of SW3

Remove the battery pack to expose the 4 bit dip switch. Adjust this switch to make the LCD more legible. In general, ON is for the U.S., and OFF is for Europe and Asia.



Font Setting

In addition, 4 types of fonts are available, play special Scandinavian characters.

1	2	(Dip switch diagram)
ON	ON	APL
ON	OFF	SCANDINAVIAN
OFF	ON	COMPUTER FONT
OFF	OFF	STANDARD CHARA

Memory Switch

Memory switches of the SUPER-LT3 are b

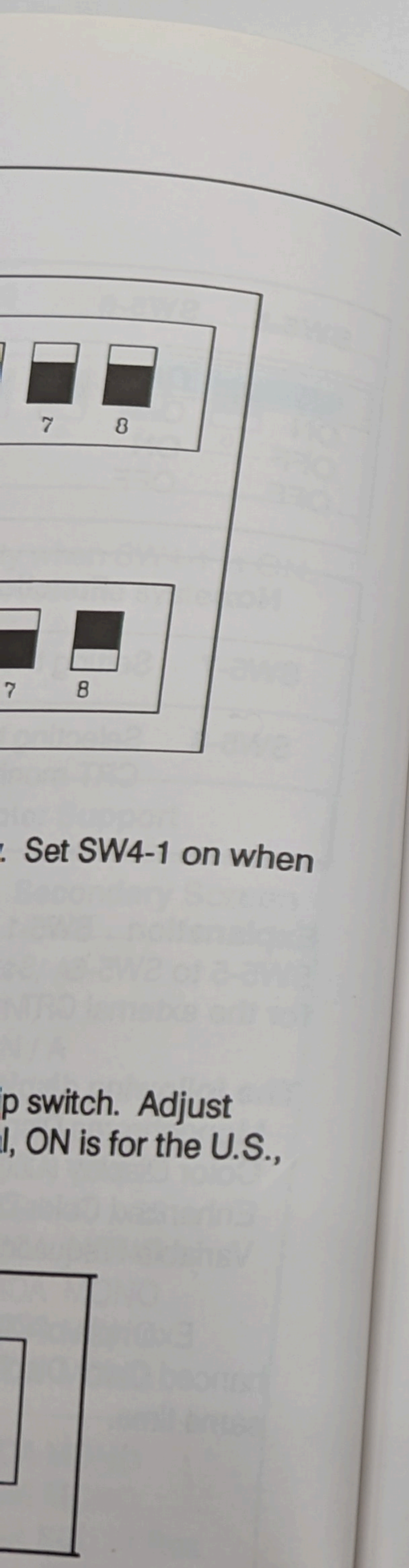
There are three types of switches: tho those for memorizing the display mode s ing the system boot from the FDD and H switches in the following cases:

- When video-related switches ar Example: LCD is changed fron mode. An external CRT monito
- When an optional 5-1/4" extern

How to Set Memory Switches.

You can set memory switches b gram in the ROM at booting. There a

1. Hard Reset
   - When power is ON
   using the reset switch



. Set SW4-1 on when

p switch. Adjust
l, ON is for the U.S.,

Font Setting

In addition, 4 types of fonts are available, making it possible to display special Scandinavian characters.

1	2	(Dip switch diagram)
ON	ON	APL
ON	OFF	SCANDINAVIAN
OFF	ON	COMPUTER FONT
OFF	OFF	STANDARD CHARACTER FONT

Memory Switch

Memory switches of the SUPER-LT3 are backed up by the battery.

There are three types of switches: those for setting the calendar, those for memorizing the display mode settings, and those for memorizing the system boot from the FDD and HDD. You must reset memory switches in the following cases:

- When video-related switches are changed by a dip switch. Example: LCD is changed from the CGA mode to the MDA mode. An external CRT monitor is used.
- When an optional 5-1/4", external FDD is used.

How to Set Memory Switches.

You can set memory switches by starting the SETUP utility program in the ROM at booting. There are three methods for booting:

1. Hard Reset
   - When power is ON
   - By using the reset switch

2. System Reset
   - By pressing the Ctrl, Alt, and Del keys at the same time.