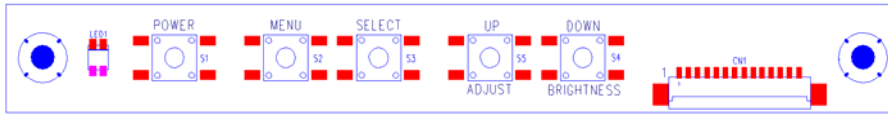


1.1 External Keypad



1.2 OSD Functionality

1.2.1 Button / Status- LED Functionality

Table 1 shows keypad functions if OSD isn't active (Short-Cut Functionality)

Key	Function
POWER	Switch Power On/Off
MENU	Decrease Value
SELECT	Increase Value
UP / Adj	Short-Cut auto adjust
DOWN / Brt	Short-Cut Blacklevel & Brightness-Control

Table 1

Table 2 shows keypad functions if OSD is active

Key	Function
POWER	Switch Power On/Off
MENU	Enter / Execute
SELECT	Abort / Step Back
UP / Adj	Next Option / Increase Value
DOWN / Brt	Previous Option / Decrease Value

Table 2

Table 3 shows meaning of the status LED

Key	Function
GREEN	Signal detected - normal operation
BLK. GREEN/ORANGE	Out of range / Resolution not supported
ORANGE	No input signal available
BLINKING ORANGE	No input cable or signal detected
RED	Out of range
BLINKING RED	TBD

Table 3

2 System Messages



System Boot:

Boot message when the board starts after reset



No Signal:

There is no signal at

- DVI Input
- or
- RGB Input

Failure: PC off or in sleep mode, Cable not connected to graphics card



No Input cable detected:

There is no cable at

- DVI Input connector
- or
- RGB Input connector



Output of range:

There is no supported resolution at

- DVI Input
- or
- RGB Input

3 Onscreen Display Menu (OSD) controlled over 4 button OSD-board

Input Select



Input Select Icon:

Use Menu to enter control panel

Use Up/Down button to select either RGB-analog or DVI input

- RGB Input
- DVI Input

Use Select for step back



Input Selection display:

- DVI Input

Brightness Control



Brightness Icon:

Use Menu to go inside Brightness Control Menu

Use Up/Down button to select values to adjust:

- Panel Brightness
- Display Contrast
- Blacklevel
- Exit

Use Select for step back to Icon bar



Blacklevel & Brightness panel:

Use Up/Down button to increase / decrease panel brightness

- Blacklevel adjust 0 -128
- Brightness adjust 128- 256

Use Menu button to confirm



Contrast panel:
Use Up/Down button to increase / decrease display contrast

Use Menu button to confirm



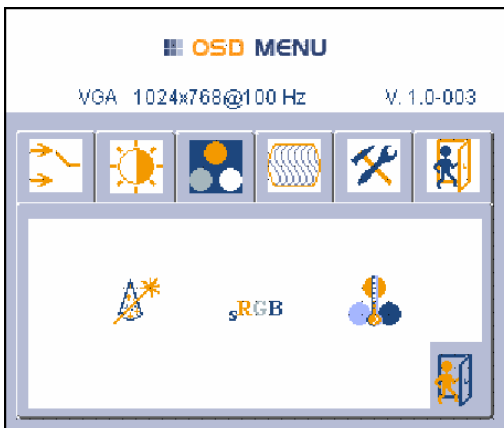
Blacklevel panel:

Use Menu button to step forward to the next color (red, green, blue)

Use Up/Down button to increase / decrease the appropriate colour value

Use Menu button to confirm

Color Control



Color Control Menu:

Press Menu button to enter Color Control Menu

Up/Down button to select values to adjust:

- Colour auto-adjust
- Colour
- Colour temperature - submenu
- Exit

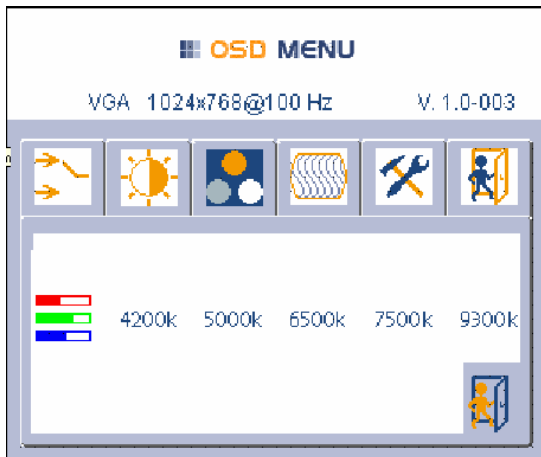
Use Menu button to confirm

Use Select for step back to Icon bar



Color auto-adjust is only available if RGB-analogue is selected as input. This function adjusts the analogue input interface to the used graphics board. The result has to be confirmed selecting "Yes" or "No" using the left / right button





Color temperature sub-menu:

Use Up/Down button to select values to adjust:

- Color temp. panel - submenu
- 4200K
- 5000K
- 6500K
- 7500K
- 9300K
- Exit

Use Menu button to confirm



Color temp. panel :

Use Menu button to step forward to next color (red, green, blue)

Press Up/Down button to increase / decrease the appropriate colour value

Use Menu button to confirm

Image Adjust (available only with RGB-analog input)

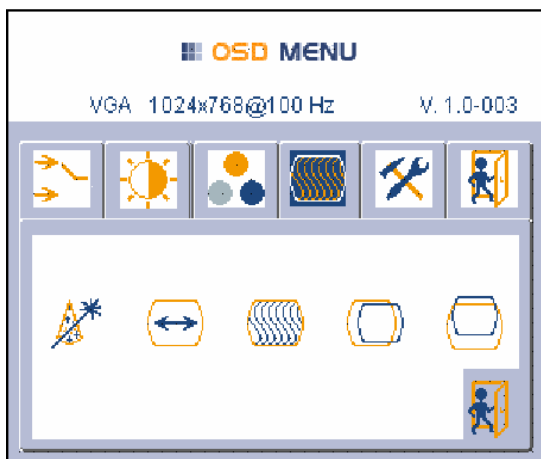


Image Adjust menu:

Use Menu to go inside Menu

Up/Down button to select values to adjust:

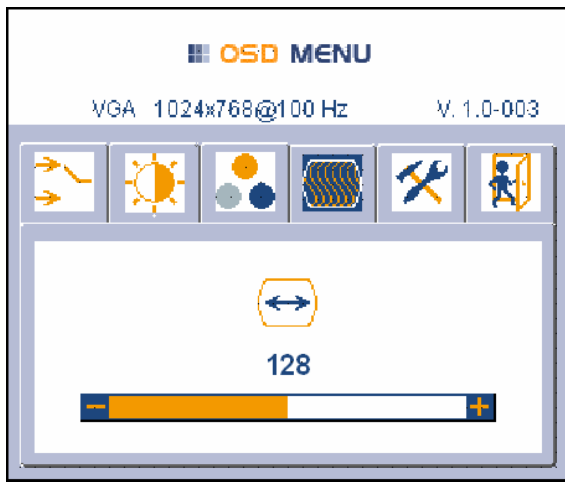
- Image auto-adjust
- Horizontal Width
- Phase
- Horizontal position
- Vertical Position
- Exit

Press Menu button to confirm

Use Select for step back to Icon bar



Image auto-adjust is only available if RGB-analogue is selected as input. This function adjusts the image on the display including phase and horizontal / vertical position. The result has to be confirmed selecting either "Yes" or "No" using the left / right button



Horizontal width panel:

Use Up/Down button to adjust the image size manually

Press Menu button to confirm and exit.



Phase panel:

Press Up/Down button to adjust the phase manually

Use Menu button to confirm and exit.



Horizontal image pos panel:

Use Up/Down button to adjust the horizontal image position manually

Press Menu button to confirm and exit.

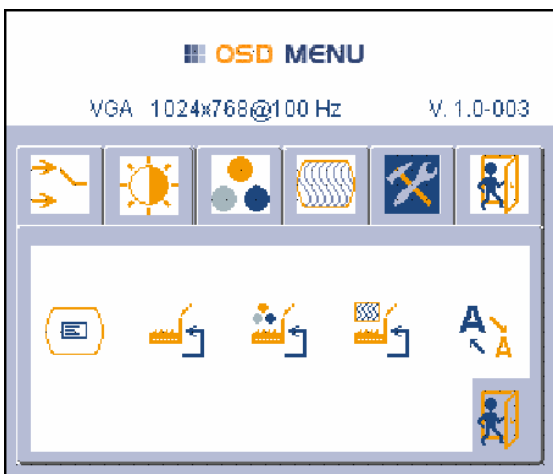


Vertical image pos panel:

Use Up/Down button to adjust the vertical image position manually

Use Menu button to confirm and exit.

OSD Tools



Tools menu:

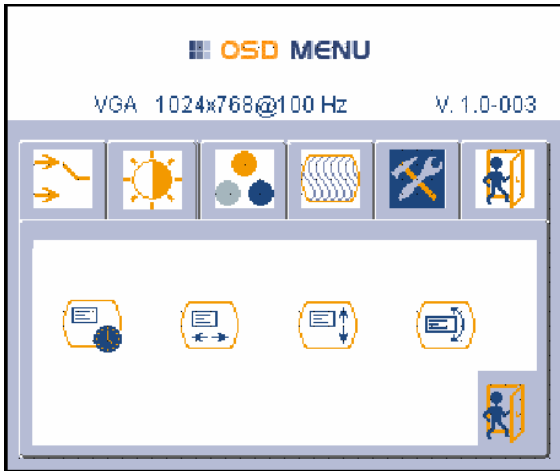
Use Menu to enter Menu

Up/Down button to select:

- OSD setup - submenu
- Factory reset (default settings)
- Factory reset color
- Factory reset position
- Sharpness adjust
- Exit

Press Menu button to confirm

Use Select for step back to Icon bar



OSD setup - submenu:

Up/Down button to select values to adjust:

- OSD timer
- OSD horizontal pos
- OSD vertical pos
- OSD orientation
- Exit

Press Menu to enter the sub-menu



OSD timer:

After selecting OSD timer option

Up/Down button to adjust the OSD active time manually

- 255 = max. Time 15s

Use Menu button to confirm and exit.



OSD horizontal pos:

After selecting OSD horizontal option

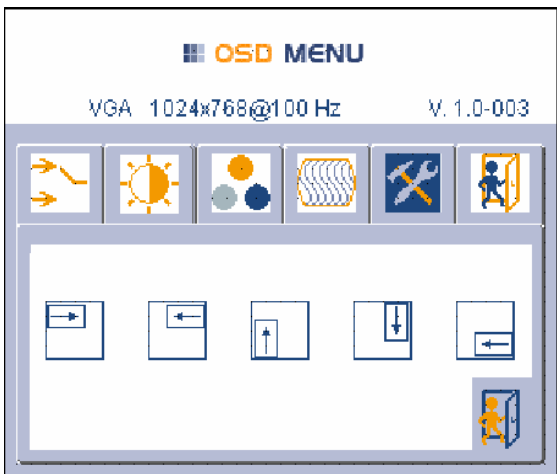
Press Up/Down button to adjust the OSD horizontal position manually

Use Menu button to confirm and exit.



OSD vertical pos:
 After selecting OSD vertical option
 use **Up/Down** button to adjust the
 OSD vertical position manually

Use **Menu** button to confirm and exit.






OSD orientation:
 After selecting OSD orientation option
 use **Up/Down** button to choose direction

The following options are available:

- Mirroring x-axis
- Mirroring y-axis
- Flip (180°)

Factory default settings

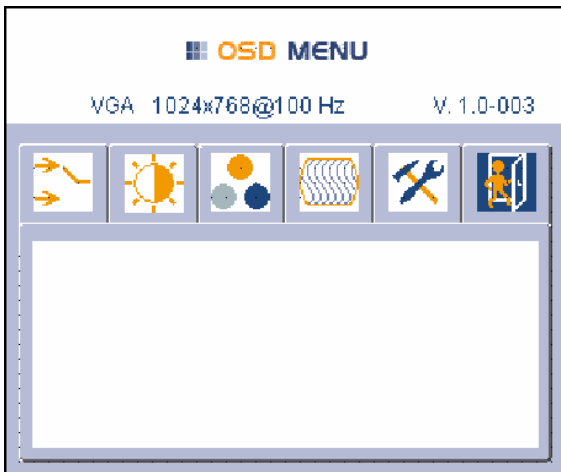
- 
Reset complete factory default settings
- 
Reset colour factory default settings
- 
Reset image factory default settings



Sharpness panel:
After selecting sharpness option with left | use **Up/Down** button to adjust the sharpness manually

Use **Menu** button to confirm and exit.

Exit



Exit:
Use **Menu** button to select EXIT.

Press **Menu** button to save changes and close OSD.