

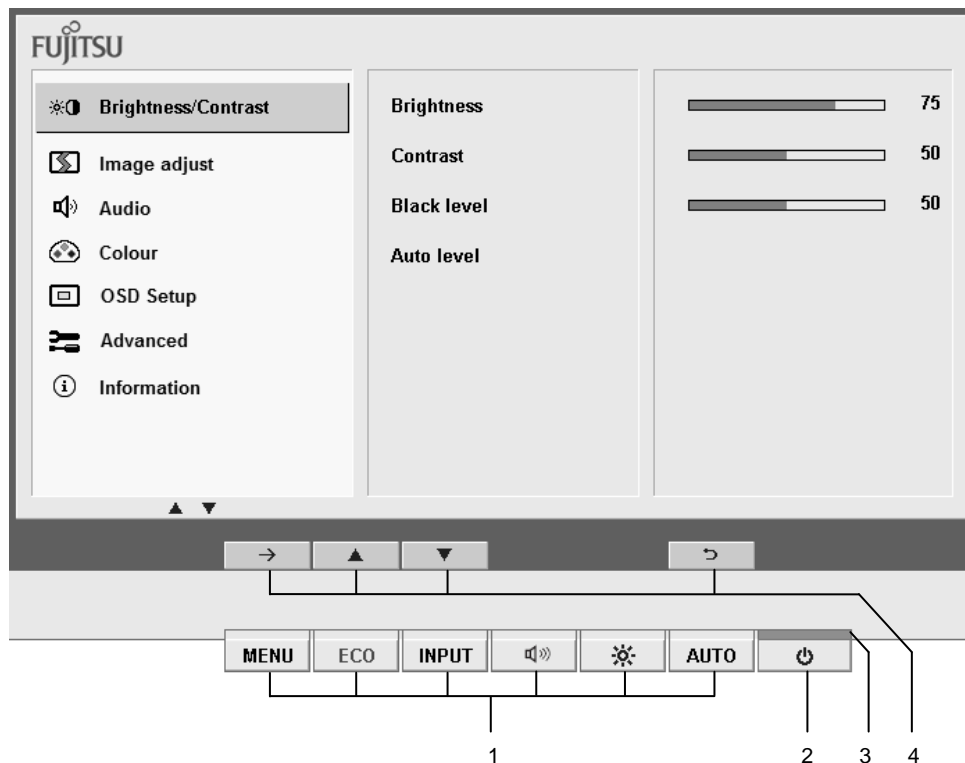
Operating the OSD

When putting the monitor into operation for the first time, the screen display should be optimally adapted to the screen controller used and adjusted in accordance with your needs.

Changing the monitor settings with the buttons of the control panel



The buttons of the control panel have two functions. With the OSD menu not active, you can open the hot key functions which are printed on the keys. With the OSD menu is active, the navigation keys are valid as shown on the screen (soft keys)



1 = Buttons for OSD-Menu (On-Screen-Display)
2 = On/Off Switch

3 = Power supply indicator
4 = Soft keys

Soft keys description:

- = - Switch to submenu
- Start (with *Auto level* and *Factory recall*)
- ▲▼ = Navigation within the OSD-menu
- △▽ = Select option
- + - = Change value
- ✓ = Apply changes and return to main menu
- ↶ = Discard changes and return to main menu
- ✕ = Exit the OSD-menu

Language selection

A language selection is displayed immediately after you switch the display on.

- ▶ Select your desired language.

Hotkey – Functions

ECO mode

When user presses ECO key, ECO mode is switched on and off, depending of its previous state.

By pressing the ECO key, the brightness will be automatically adjusted to preset level, the indicator LED will illuminate in green and other controls are set as below:

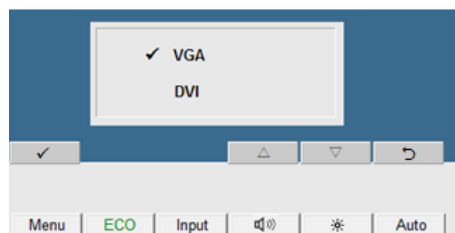
- Change colour temp to 6500K (default setting)
- Change brightness (backlight) setting to ECO definition (defined brightness).
- Show message window *ECO mode on*

When OSD Brightness or colour temp is changed from the OSD, ECO mode is switched off and its respective status is shown by the indicator LED.

Switch ECO mode off by soft key: Change brightness to max value or to last known brightness setting (as set before activating ECO function) and the indicator LED will illuminate in blue.

Input function definition

The OSD shows the current input source. The input source can be selected by the keys \triangle and ∇ .



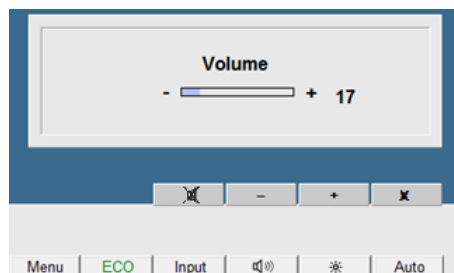
To apply the selected input source, press the \checkmark key.

To discard the changes, press the \curvearrowright key.

Volume Function Definition

The OSD shows the current status of volume. The volume can be adjusted with the keys for “-” and “+”. Additionally it is possible to deactivate the volume by the “Mute” key.

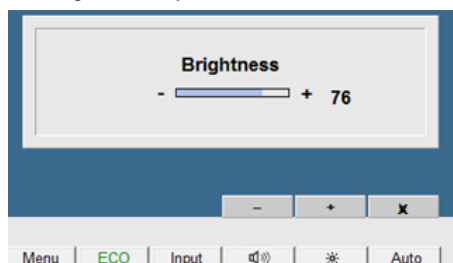
Example of volume adjustment:



Brightness Function Definition

The OSD shows the current status of brightness. The brightness can be adjusted with the keys for “-” and “+”.

Example of brightness adjustment:



Performing auto-adjustment of the monitor

- ▶ Press the AUTO button for approx. 1 second while the OSD menu is switched off.

The *Auto Processing* message is displayed.

Picture quality and position are set to optimum values for your system.

Locking the OSD menu

The OSD menu can be locked to prevent accidental or unauthorised changes to the monitor settings.

- ▶ Press and hold the “MENU” key for a few seconds while you switch on the monitor with the ON/OFF switch.

A message is displayed that the action has been performed.

Please proceed in the same manner to release the locked OSD menu again.

Locking the ON/OFF button

The ON/OFF switch can be locked to prevent accidental or unauthorised changes to the monitor settings.

- ▶ Press and hold both buttons “ECO” and “INPUT” key simultaneously for a few seconds.

A message is displayed that the action has been performed.

Please proceed in the same manner to release the locked ON/OFF switch again.

Monitor settings using the OSD menu

With the buttons on the control panel you can call up and use the integrated OSD (On-Screen display) menu.

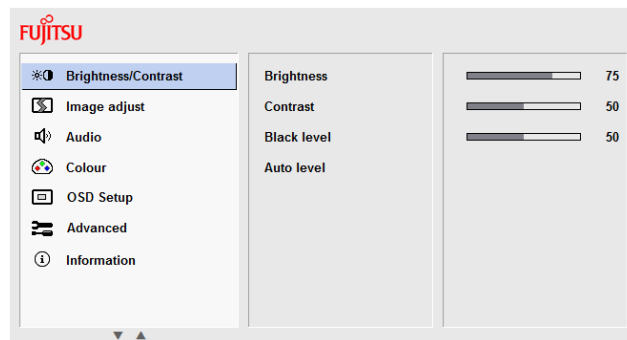


The OSD menu is available in different languages. The English menu names are used in the following description (default setting). With the OSD function *Language* in the *OSD Setup* you can select another language.

To set the OSD menu, perform the following steps:

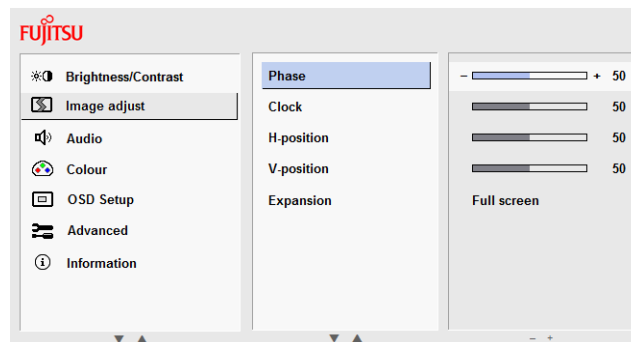
- ▶ Press the “MENU” button to activate the OSD menu.

The active menu level shows a bright background and a blue coloured cursor bar. The inactive menu level areas show the grey background.



The first symbol (*Brightness/ Contrast*) is blue coloured. In the right-hand part of the Display the associated functions are shown.

- ▶ If necessary, press the buttons for ▲ or ▼ to mark another icon (e.g. *Image adjust*).
- ▶ Press the → button to select the blue coloured menu item. The corresponding setting window (here: *Image Adjust*) is displayed (on the right-hand side).



The first function (*Phase*) is blue coloured.

- ▶ If necessary, press the ▼ or ▲ button to mark another function.
- ▶ Press the – or + button to adjust the value for the selected function.
- ▶ Press the ✓ button to apply the changes and exit the function.
- ▶ Press the ↵ button to discard the changes and exit the function.
- ▶ If necessary, press the button ▼ or ▲ to mark another function or press the ✕ button to exit the main menu.




If you want to change other settings, select the corresponding function from the OSD main menu. All possible adjustments of the main menu are described in the following.



The OSD menu for analogue monitor operation is described in the following. During digital operation some functions are not available, as they are not required due to the digital transmission technology used.


Adjusting the brightness and contrast

	Calling the <i>Brightness / Contrast</i> setting window
Brightness	Setting the brightness of the display With this function you change the brightness of the background lighting.
Contrast	Setting the contrast of the display With this function you modify the contrast of bright colour tones.
Black Level	Setting the brightness of the display With this function you modify the contrast of dark colour tones.
Auto Level	Setting the brightness of the display With this function you can automatically set the contrast. Press the → button to activate the function.




If the contrast is set too high, bright surfaces can no longer be distinguished from very bright surfaces. If the contrast is set too low, the maximum brightness will not be achieved.


Adjusting image

	Calling the <i>Image adjust</i> setting window
Phase	Eliminating picture interference With this function you fine-tune your monitor to eliminate picture interference.
Clock	Setting synchronisation With this function you adjust the picture width to eliminate vertical picture disturbances.
H-Position	Adjusting the horizontal position With this function you move the picture to the left or to the right.
V-Position	Adjusting the vertical position With this function you move the picture up or down.
Expansion	Adjust the picture size <i>Full screen</i> = selection of full screen mode <i>Keep aspect</i> = maximum picture size without distortion


Adjusting the volume

	Calling the <i>Audio</i> setting window
Volume	Setting the volume for playback with the integrated loudspeakers
Mute	Switching the loudspeakers off or on


Setting colour temperature and colours

	Calling the <i>Colour</i> setting window
	<p>Selecting the colour temperature</p> <p>The "warmth" of the screen colours is set using the colour temperature. The colour temperature is measured in K (= Kelvin). You can select from <i>sRGB</i>, <i>6500 K</i>, <i>7500K</i>, <i>9300 K</i>, <i>Native</i> and <i>Custom Colour</i>.</p> <p><i>Native</i> = Original colour of the LCD display</p> <p><i>Custom Colour</i> = User-defined colours</p> <p>In the user-defined setting you can change the colour ratios of the basic colours (red, green, blue) as required.</p>


Setting display of the OSD Setup menu

	Calling the <i>OSD Setup</i> setting window
Language	Setting a Language for the OSD menu
OSD Timeout	<p>Setting the display duration of the OSD menu</p> <p>With this function you select a value from 10 to 120 seconds.</p> <p>If the set time expires without a setting being made, the OSD menu is automatically faded out.</p>

Setting display of the OSD menu

	Calling the <i>Setup</i> setting window
Input select	Selecting VGA or DVI input
DDC-CI	<p>Activate/deactivate DDC-CI function</p> <p>On = the DDC-CI function is activated (default setting)</p> <p>Off = the DDC-CI function is deactivated</p>
ACR	<p>Active/deactivate ACR (Advanced Contrast Ratio)</p> <p>On = the ACR function is activated</p> <p>Off = the ACR function is deactivated (default)</p>
Factory Recall	<p>Activating the factory settings</p> <p>With this function all settings are reset to the factory settings without prompting for confirmation.</p> <p>Press the → button to activate the function. The <i>Auto Processing</i> message is displayed.</p>

Displaying information

	<p>Calling the <i>Information</i> setting window</p> <p>With this function the model designation, serial number, resolution, H/V frequency, signal input, colour temperature and the ACR status is displayed.</p>
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