



User Manual

Industrial Monitors

IRMxx, IPMxx und IOMxx



Visualisierungs- und Computertechnik
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1 safety instructions

1. Read the following instructions completely
2. Keep the manual on.
3. Follow all instructions and warnings that are noted on the product itself.
4. Do not use liquid or caustic cleaning agents. For cleaning, use a damp, lint-free cloth.
5. Do not operate the appliance near water.
6. Never place the unit on an unstable surface.
7. All Slots and openings on the bottom and back of the device are provided for ventilation, to protect it sufficiently from overheating. These openings should never be covered. The device never should be placed near or on a radiator or other heat source.
8. The unit must always be connected to a power supply according to the information on the back page.
9. Do not insert objects through the ventilation slots. Do not spill any liquids on the unit.
10. Refer all repairs to qualified service personnel.
11. Do not expose the device to direct sunlight.

2 Mounting / Installation

1. Read the following instructions completely
2. Connect the monitor before installation to a test to the graphics source using the supplied connection cables to. Turn off the system and check the image on the monitor. Perform an automatic setting on the on-screen menu by (see Chapter 3 Settings). If the representation is correct, you can proceed with the installation
3. The assembly is depending on the version through holes for Rack mounting or rear M4 threaded bolts in the front panel assembly performed. Insert the display into the cutout from the front and screw the respective fastening. It is important to ensure that the holes for the threaded bolts have a maximum diameter of 5.5 mm. **Do not tighten the nuts with a strong force, otherwise the risk of shearing off the threaded bolt is down or the threaded bolts to pull the screw from the front panel!**
4. Tighten the screws / nuts and secure them if necessary.
5. Connect the monitor to the graphics source and with the power supply via the supplied cables.
6. Turn on the system
7. Wait until the system is booted to the operating state and corresponds to the display on the monitor this.
8. If necessary, you can adjust the graphic source using the on screen menu of the monitor

3 Settings / on screen-menu

Control Functions

The Monitor control functions are located on the lower side of the panel.

The control key description

1. MENU : Activate the on-screen-display function
2. ▽ : Down / Brightness control
3. △ : Up / Brightness control
4. Auto : AUTO-ADJUSTMENT
5. ⏻ : Power Switch

Description

1. Menu

Press the Menu key to activate the on screen display screen. It is a toggle key. Press twice to turn off the OSD. After 30 sec. idle time, the OSD screen will automatically turn off.

2. ▽ & △ : Select key

The two keys have two sets of functions:

When OSD screen is not activated, the two keys are used to adjust the Backlight.

When OSD screen is activated (When "Menu" key is pressed), the two keys are used to select the wanted adjustment items

3. Auto

Press Auto Key to get the optimized quality.

4. ⏻ : Power switch

Use the power switch to turn ON or OFF power. We recommend turning your system power on first, then the LCD monitor.

5. Lock OSD : Push and hold the MENU and Down button

Display ICON will show OSD LOCK

Release Lock OSD : Push and hold the MENU and Down button

Display ICON will show OSD UNLOCK

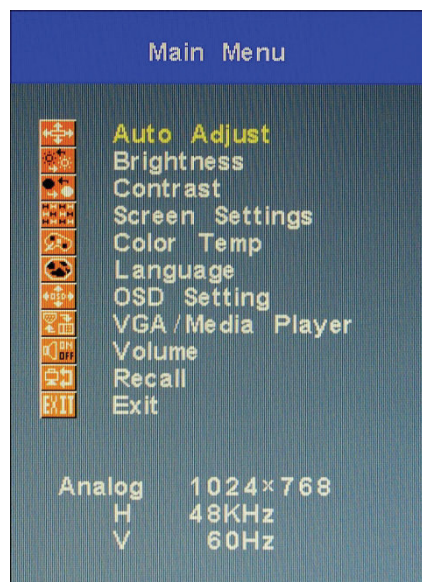
ADJUSTING THE MONITOR

The LCD monitor is designed to work with a range of compatible video adapters on the market. Due to the possible deviations between these video adapters, you may make some adjustment to fit the monitor for adapter used.

ADJUSTMENT PROCEDURE

First, you must activate the OSD screen through pressing the MENU key, the screen will show in the center of screen as below:

OSD SCREEN

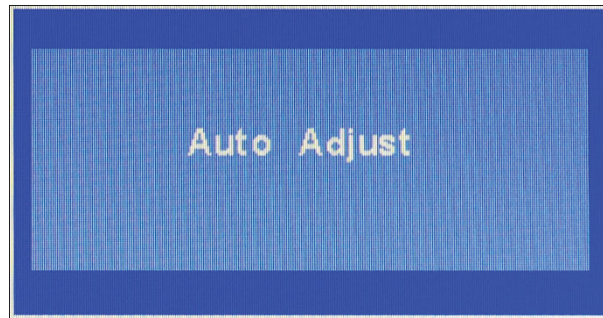


- Use the ▽ & △ key to select the required adjustment item up or down.
- Use Menu key to do the desired function or go into the second menu item to do the further change.
- Use the ▽ & △ key to select the Exit **EXIT** item to turn off OSD. Or After 30 sec. idle time, the OSD screen will automatically turn off.


AUTO-ADJUSTMENT

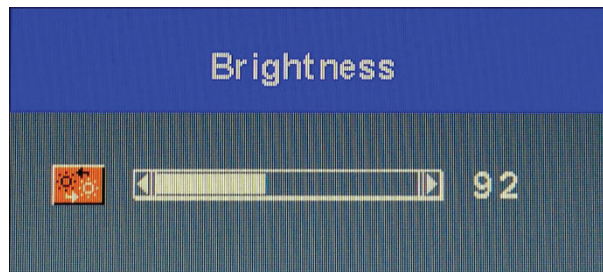
WE STRONGLY RECOMMEND THAT YOU USE THIS ITEM TO GET THE OPTIMIZED VISUAL QUALITY.

- Use the ▽ & △ key to select auto-adjustment, and then press Menu Key to get the optimized quality.
- Or press Auto Key to get the optimized directly.




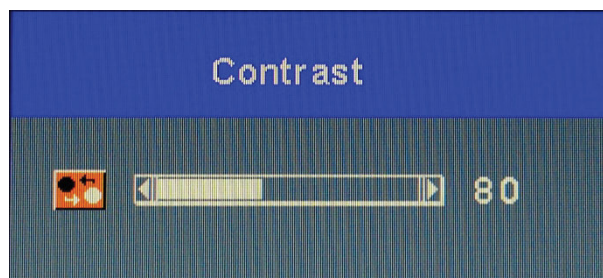
BRIGHTNESS ADJUSTMENT

- Use the ▽ & △ key to select the Brightness  item, press Menu Key to change the brightness value.
- Use the ▽ & △ key to adjust the Brightness.
- Then press menu key to confirm.



ADJUST THE CONTRAST VALUE

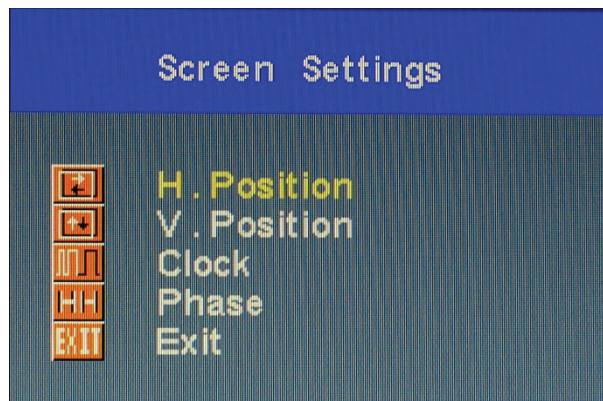
- Use the ▽ & △ key to select the CONTRAST  item, then press Menu Key to get the best contrast optimization.
- Use the ▽ & △ key to adjust contrast value.



Screen Settings

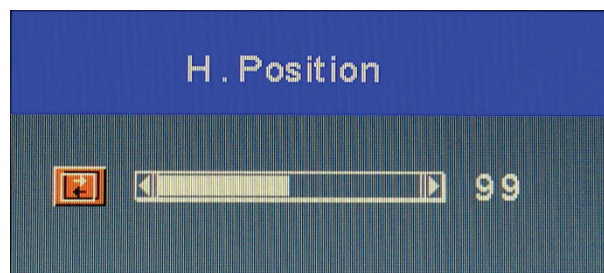
- Use the ▽ & △ key to select the Screen Settings  item, then press Menu Key to get the

best Screen Settings optimization.



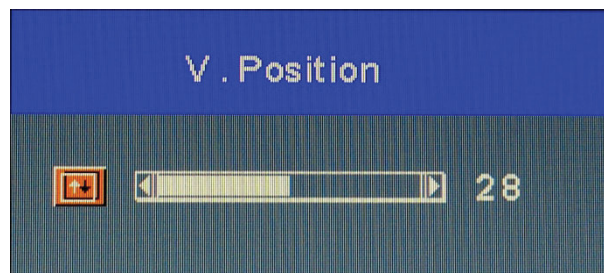
● H.Position

- Use the ▽ & △ key to select the H.Position item, then press Menu Key to get the best optimization.
- Use the ▽ & △ key to adjust H.Position value.
- Then press menu key to confirm.



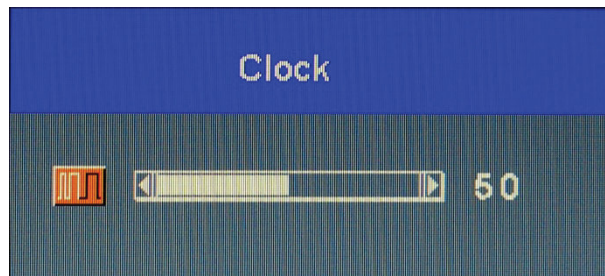
● V.Position

- Use the ▽ & △ key to select the V.Position item, then press Menu Key to get the best optimization.
- Use the ▽ & △ key to adjust V.Position value.
- Then press menu key to confirm.



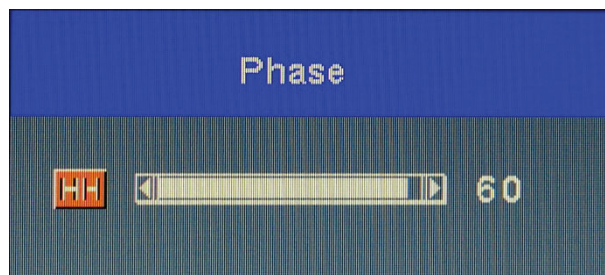
● Clock

- Use the ▽ & △ key to select the Clock item, then press Menu Key to get the best optimization.
- Use the ▽ & △ key to adjust increase or decrease video H Size of the picture.
- Then press menu key to confirm.




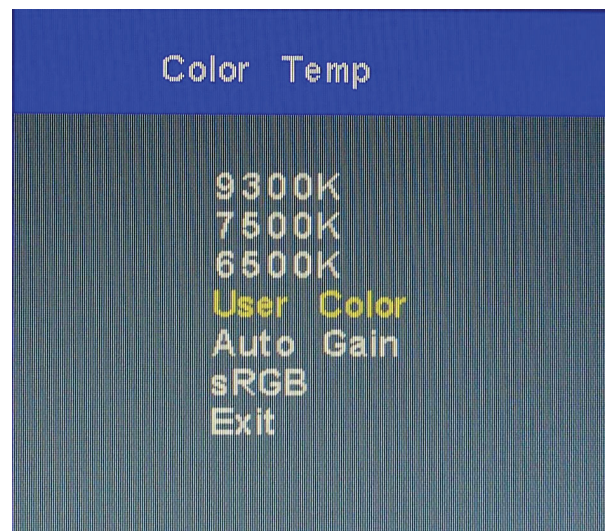
● Phase

- Use the ▽ & △ key to select the Phase item, then press Menu Key to get the best optimization.
- Use the ▽ & △ key to adjust increase or decrease video Quality of the picture.
- Then press menu key to confirm.



Color Temperture

- Use the ▽ & △ key to select the Color Temp  item, then press Menu Key to get the language selection.
- Use the ▽ & △ key to select the adjust the display color of the picture.



- Use the ▽ & △ key to select temperature 9300K, 7500K and 6500K of the picture.

● User Color

- Use the ▽ & △ key to select User Color, then press Menu Key to get the best color optimization.
- Use the ▽ & △ key to select Red, Green & Blue to adjust the display user color of the picture.




- **Auto Gain**

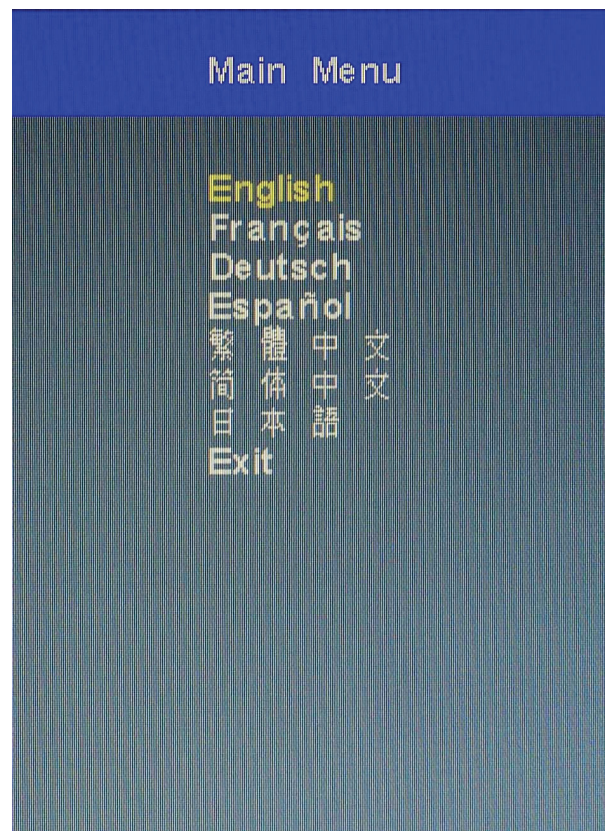
- Use the ▽ & △ key to select Auto Gain, then press Menu Key to get the best color optimization that will be activated the auto adjusting input video color level for the picture.

- **sRGB**


- Use the ▽ & △ key to select SRGB, then press Menu Key to get the best color optimization.

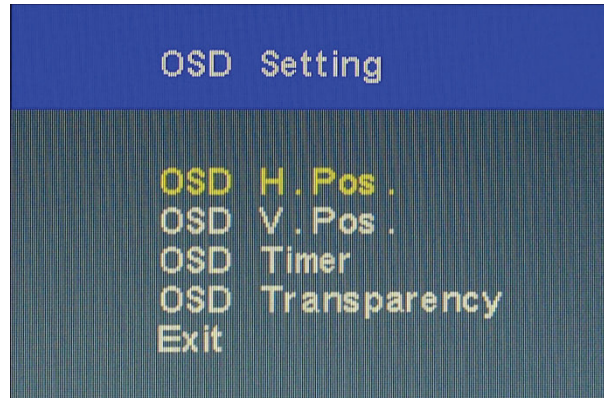
Language Setting

- Use the ▽ & △ key to select the Language  item, then press Menu Key to get the language selection.
- Use the ▽ & △ key to select the Language.
- Then press Menu key to confirm.




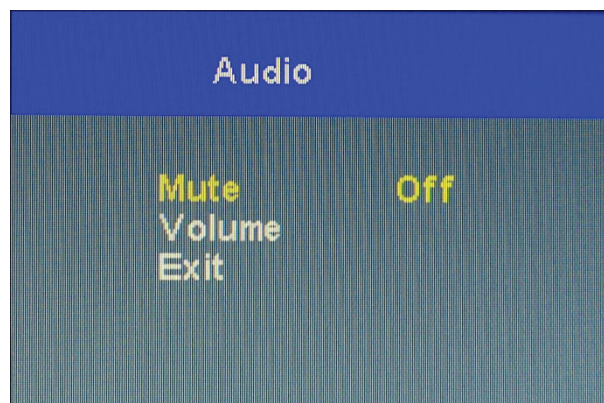
OSD Setting

- Use the ▽ & △ key to select the OSD Setting  item, then press Menu Key to get the OSD setting selection.
- You could set up the property of Position, Display Timer, and Transparency of OSD menu.



Volume

- Use the ▽ & △ key to select the Volume  item, then press Menu Key to get the Volume setting.
- Use the ▽ & △ key to select Volume and mute on/off.
- Use menu key to select Mute on / off
- Then select Exit to the last page.



Recall

- Use the ▽ & △ key to select the Recall  item, then press Menu Key to get the default setting.