

# User Manual Industrial monitors SEM15-FP BC110

#### **VISCOTECH**

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## 1 safety instructions

- 1. Read the following instructions completely
- 2. Keep the manual for the future.
- 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 side.
- 9. Do not insert objects through the ventilation slots. Do not spill any liquids on the unit.
- 10. All repairs should be left to qualified service personnel.
- 11. Do not expose the device to direct sunlight.

# 2 Mounting / Installation

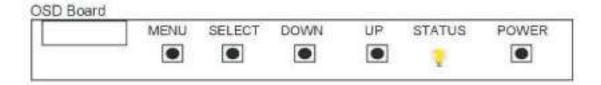
- 1. Read the following instructions completely.
- 2. Before installation connect the monitor to the graphics source for a test by using the supplied connection cables. Turn on the system and check the image on the monitor. Perform an automatic setting on the on-screen menu by (see Chapter 3 Settings). If the representation is correct, you can proceed with the installation.
- 3. Disassemble the old CRT and frontpanel.
- 4. Fasten the monitor in the controlpanel and connect the monitor to the graphic source and power supply via the supplied cables.
- 5. Turn on the system.
- 6. Wait until the system is booted to operating state and the monitor displays this state.
- 7. If necessary, you can adjust the graphic source using the on screen menu of the monitor.

# 3 Einstellungen / Onscreen-Menü

## 3.1. OSD Adjustment

The OSD provides certain functions to have clear image and others.

There are 5 buttons to control the OSD, PCB board and 1 LED for show status of board.



## Function of each OSD key

| No. | Button | Switch Function   |
|-----|--------|---|
| 1   | Menu   | 1. Open the OSD Main Menu / Close the OSD Main Menu                   |
| 2   | Select | 1. Select a Item  |
| 3   | Down   | Move to downside on menu list     decrease the value of selected item |
| 4   | Up     | Move to upside on menu list     Increase the value of selected item   |
| 5   | Power  | 1. Turn on power / Turn off power                                     |

- · Hot-Key: One-click control
  - Auto adjust: "down" key
- Source Switch (analog RGB, DVI, DP): "select" key
- · Status LED
  - Green: Normal State
  - Amber flashing: DPMS mode (Can't find signal)

### 3.2 Window Structure

#### 3.2.1 Main Menu



Picture: Adjust and correct the image

Display: Adjust the H-N- Position of display

Color: Adjust and correct the color

Advance: Adjust the rendering Input: Select the input source

Other: Adjust the On-Screen-Display Information: Information about current timing

#### 3.2.2 Sub-Menu: Picture



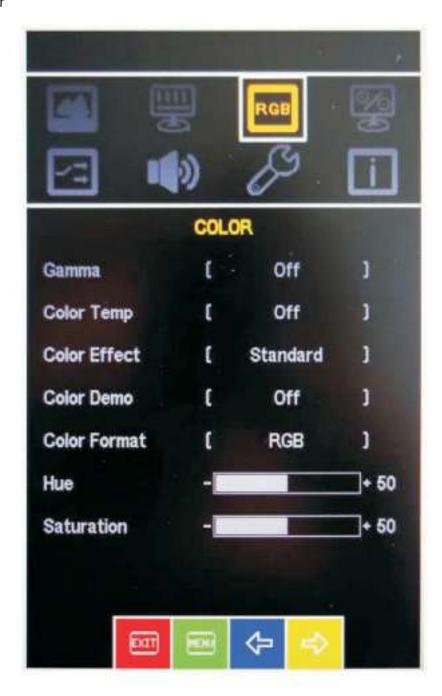
Backlight: Adjust the backlight of the image
Brightness: Adjust the brightness of the image
Contrast: Adjust the contrast of the image
Sharpness: Adjust the sharpness of the image

## 3.3.3 Sub-Menu: Display



Auto Adjustment: Run the auto config of the image
H. Position: Adjust the H. position of the image
V. Position: Adjust the V. position of the image
Pixel Clock: Adjust the clock of the image
Phase: Adjust the phase of the image

#### 3.3.4 Sub-Menu: Color



Gamma: Adjust gamma level of the image

Color Temp: Adjust the color temperature

Color Effect: Select a color effect

Color Demo: Select a mode to check the hue and saturation settings

Color Format: Select a color space

Hue: Adjust the color balance

Saturation: Adjust the color intensity

#### 3.3.5 Sub-Menu: Advance



Aspect ratio: Select aspect ratio or scaling factor of the image

Overscan: Turn On/Off overscan function
DDCCI: Turn On/Of DDCCI support

Ultra Vivid: Select grades of the Ultra Vivid color mode

# 3.3.6 Sub-Menu: Input



VGA: Select VGA as the input source
DVI: Select DVI as the input source
DP: Select DP as the input source

#### 3.3.7 Sub-Menu: Other



Reset: Factory reset

Menu Time: Adjust the OSD off timer

OSD V Position: Adjust the V. position of the OSD menu OSD V Position: Adjust the V. position of the OSD menu

Language: Select language of the OSD menu: English or German

Transparency: Adjust the OSD transparency
Rotate: Turn On/Off OSD rotation

#### 3.3.8 Sub-Menu: Information



Signal source
Current resolution
H and V frequencies
Pixel dock frequency
HDCP function's state
Firmware version