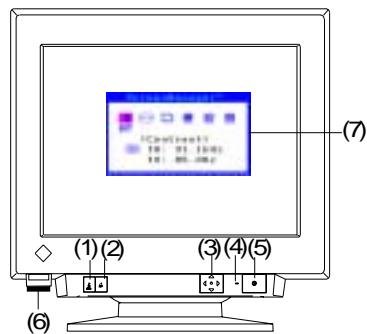


3. USER CONTROL SPECIFICATIONS

3.1 Function & Control

A1: Front



(1) BNC/D-Sub Selection button

(2) AUTO FINE MODE button*

* Push the button lightly: Fine Contrast Mode Selection button

Push the button for more than 2 seconds: AUTO-SIZING button

(3) QuickSet™ Control Pad

(4) Power Indicator (LED)

(5) Power Switch

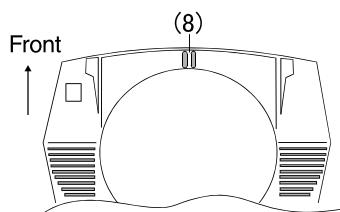
(6) USB Downstream (Series A) port
(Drawer type)

(7) ScreenManager (OSD menu)

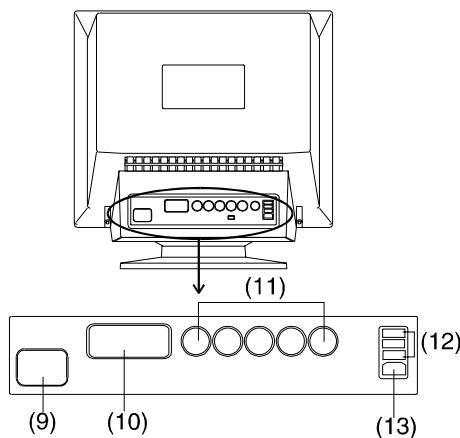
(8) DC 6V Connector with lids

(for Optional speaker)

A2: Bottom



A3: Rear



(9) Power Connector

(10) D-Sub mini 15 pin input connector

(11) BNC input connector

(12) 3 USB Downstream (Series A) ports

(13) USB Upstream (Series B) port

- **Power Indicator (LED)**

On	Power saving mode 1	Power saving mode 2	Advance notice for Off Timer	Off period	Main power switch off
Green	Green blinking	Yellow	Green blinking (3 sec.increments)	Yellow blinking (5 sec.increments)	No light

3.2 Functions

(1) Auto sizing

Automatically centers the displayed image, bringing the image borders into alignment with the monitor frame.

(2) Fine Contrast function

Widens the dynamic range of the displayed image for a richer and more brightly contrasted image. Each color tone range becomes higher not only in color image, but also in grayscale image. Select a mode from <Text>, <Browser>, <Picture>, <Graphic>, and <Movie>. The <Movie> mode includes 4 mode settings.

Pushing the AUTO FINE MODE button enables to shift the mode <Text> → <Browser> → <Picture> → <Graphic> → <Movie> and returns to <Text>.

	Text	Browser	Picture	Graphic	Movie	Viewer
Contrast/ Brightness (Default)	100% /50%	100% /50%	100% /100%	100% /100%	92% /100%	92% /100%
Color Temperature	9,300 K	6,500 K	6,500 K	9,300 K	9,300 K	6,500K
Max. Brightness	130cd ² /m	130cd ² /m	130cd ² /m	130cd ² /m	220cd ² /m	200cd ² /m
Gamma Control	-	automatic	automatic	-	Depends on the mode	Depends on the mode
Sharpness	Off	Off	On	Off	On, Off	Depends on the mode

(3) BNC/D-Sub selection

Selects BNC or D-Sub connector as the active input when two computers are connected to the monitor.

- **Input priority setting (with ScreenManager)**

The “Input Priority” function on ScreenManager menu enables the T965 to automatically detect the active input with priority or for the user to select the input manually.

- **Individual screen & color configuration**

The configuration of the following screen and color parameters can be adjusted and stored into the monitor for BNC input and D-Sub input individually; contrast, brightness, fine contrast, signal filter, color temperature, color correction, color custom mode and sRGB mode.

(4)ScreenManager (OSD) menu

Pushing the QuickSet Control Pad, ScreenManager menu appears. The followings are adjustment items. Performing the reset function, all settings returns to below.

Items		Default setting
Contrast/Brightness		100 % / 50 %
Horizontal/Vertical Size		-
Horizontal/Vertical Position		-
Screen adjustment	Side-pincushion balances distortion	-
	Trapezoidal/Parallelogram distortion	-
	Tilt	-
	Uniformity (Standard/Custom)	Standard
	Convergence (Horizontal/Vertical)	-
	Moiré reduction (Horizontal)	0 % (Off)
	Fine contrast	Text
	Movie mode (Movie 1 / Movie 2 / Movie 3 / Movie 4)	/Movie 1
	Signal filter 1 (Mode 1/Mode 2)	Mode 1
Color adjustment	Signal filter 2 (0-100 %)	100 %
	Standard mode	Color temperature: 4000 K ~ 10000 K in 500 K increments (including 9300 K)
		Color Correction
		Color Restoration
	Custom mode	Color Temperature, Red/Green/Blue Gain, Red/Green/Blue Cut Off, Save
Others	sRGB	sRGB Mode
	PowerManager (On/Off)	On
	Off timer (On/Off)	Off
	Degauss	-
	Beep	On
	Menu position	Center
	Language (English, German, French, Spanish, Italian, Swedish)	English
	Input Priority (Auto D-Sub/Auto BNC/Manual)	Auto D-Sub
	Reset	-
	Information (Usage Time)	-

- **Automatically menu off**

Leaving the ScreenManager idle for 45 seconds or more will automatically turn the ScreenManager menu off, without the adjustments being saved.

- **Shortcut Keys**

Brightness and contrast can be adjusted directly without entering the ScreenManager menu by moving the Control Pad.

(5) sRGB function

sRGB (standard RGB) mode can be selected. A color space was defined with the aim of the color matching between applications and hardware devices, such as monitors, scanners, printer, and digital cameras. As a standard default space, sRGB allows Internet users to closely match colors.

(6) Uniformity function for each corner separately incorporated**(with ScreenManager)**

There are two adjustment modes; “Standard” and “Custom”. Using the “Standard mode”, the user can choose the best uniformity from 9 presets; 0 μ T and 8 directions for easy adjustment. After the selection, the more precise adjustment is available, using the “Custom” adjustment which provides the adjustment for each corner separately.

(7) Automatic color correction (with ScreenManager)

By detecting video signal output level and then compensating it to a proper level automatically, this function is to minimize disparities in color temperature and brightness, which could be caused by the difference of video signal output level. With this function, almost same color temperature and brightness can be displayed on the screen from each signal-input connector and on the screen of each T966 model.

(8) Color Restoration (with ScreenManager)

In CRT monitor, it is difficult to avoid of the little change of brightness and color. This circuit detects the change of the black level and the white level of the CRT, and corrects these values to initial value.

(9) Signal Filter function (with ScreenManager)

This function is to reduce a bad influence on the image quality, which could be caused by video signals with poor quality. There are two modes for filtering incorporated, which is selectable for graphics boards.

Signal Filter 1: This is to reduce the shadow appears on the right side of the image.

Signal Filter 2: This is to reduce the ghost (a couple of bars appears on the right side) and brighter lines appears there.

(10) Adjustment Lock function

The ScreenManager operation and the auto sizing button can be disabled by holding down the auto sizing button while switching on the monitor’s power. To unlock the buttons, first switch the power off, and then switch the power on while pressing the auto sizing button. The brightness and contrast can be adjusted using the shortcut keys even while the buttons are locked.

(11) Sync switch function

When the signal under 0.3 μ s of horizontal back porch is inputted, the following phenomena may be appeared; the entire screen appears too dark, slight shadowed image or character on its right side. If this occurs, hold down the “down” key of the quick set control pad while turning on the monitor’s power and the image will be cleared.

(12)USB Hub (Universal Serial Bus), monitor control function support

EIZO USB Hub is a self-powered Bus type which complies with the USB Standard Rev. 1.1 and USB Monitor Control Class Rev. 1.0. incorporated. One upstream port and four (4) downstream ports are incorporated; three (3) on the rear and one (1) on the left front with a drop down access lid for easy connection access.

- * "ScreenManager Pro for USB", original utility, is included as standard packaging. By connecting the monitor and computer with the USB cable, the user can make screen adjustment with mouse or a keyboard.
- * "ScreenManager Pro for USB" can assign Fine Contrast mode to the application software.

(13)DDC2B compliant

3.3 Scan Frequency

Horizontal	30 kHz ~ 130 kHz
Vertical	50 Hz ~ 160 Hz
Recommended Resolution	1600 dots x 1200 lines 85Hz

(1) Maximum Vertical Refresh rate (Reference value)

Resolution	640x480 800x600 1024x768	1280x1024	1600x1200	1600x1280	1920x1440	2048x1536
Vertical Refresh rate	160 Hz	121 Hz	104 Hz	97 Hz	86 Hz	80 Hz

(2) Signal registration

Factory Preset mode	2	* VGA 720 x 400 (70 Hz) mode * VESA 1600 x 1200 (85 Hz) mode
User settings	20	The 20 signals including the factory preset signals can be registered by users through the ScreenManager. When the signals registration becomes full, the least used data is to be deleted from the memory and the newly input data will be memorized.

3.4 Software

Name of CD-ROM		Contents
EIZO CRT Utility disk	Windows	<ul style="list-style-type: none"> * User's Manual of Monitor * Install Acrobat Reader * About Display Information Files * ICC Profiles * EIZO ScreenManager Pro for USB Ver. 3.32 * Start WindowsMovie and DesktopViewer Checker * Readme.txt file
	Macintosh	<ul style="list-style-type: none"> * User's Manual of Monitor * Install Acrobat Reader * ICC Profiles * Readme.txt file

3.5 Optional

Name	Description
Sound Unit "i-Sound"	Detachable optional speaker with microphone.