

# TC-243

## 17" semi-rugged touch display



17" semi-rugged touch display with SXGA resolution for naval and shelter applications.

### **Compact semi-rugged design**

The TC-243 is Barco's 17" touch screen display with a medium ruggedization level. Its exceptionally slim display design and low weight make the TC-243 perfectly suited for non-critical naval applications as well as ground mobile and fixed shelters.

### **Superior image quality**

The TC-243 features SXGA resolution (1280 x 1024) and offers excellent performance in terms of image crispness, contrast, and viewing angle. Equipped with highly efficient LED backlights, Barco's TC-243 offers a long lifetime and reduces power consumption.

### **High-accuracy touch screen**

The TC-243 features an analog-resistive touch screen, allowing fluent drag and drop actions with finger tips, gloves or stylus. The analog resistive touch technology excels with high touch accuracy, dust and water resistance.

**BARCO**

Visibly yours

# TC-243

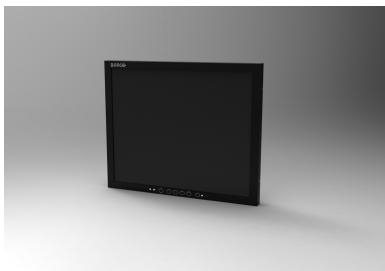
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### Flexible display performance

Designed with **dual DVI and dual VGA inputs**, combined in two DVI-I connectors, the TC-243 provides the flexibility to support both new and legacy systems and allows switching between multiple inputs with the touch of a button.

The TC-243 accepts input timings up to 1920x1200 and offers **3 scaling modes**: normal, save aspect ratio (SAR), and no scaling.



**Technical specifications****TC-243**

<b>Screen size</b>	17"
<b>Display size</b>	372.87 x 305.31 x 50.29 mm (wxhxd) 14.68 x 12.02 x 1.98 inch (wxhxd)
<b>Resolution</b>	1280 x 1024
<b>Brightness</b>	200 cd/m <sup>2</sup>
<b>Contrast ratio</b>	1000:1 typical
<b>Aspect Ratio</b>	5:4
<b>Backlight</b>	LED
<b>Viewing angle</b>	+/- 85° horizontal +/- 85° vertical
<b>Inputs</b>	2 x DVI-I female
<b>Scaling modes</b>	SAR Mode: max resolution, maintains aspect ratio (default) Normal: fill screen, does not maintain aspect ratio No Scale: resolution and aspect ratio = source
<b>Power consumption</b>	32W typ.
<b>Power Supply</b>	AC input 100-240 VAC, 47 – 63Hz
<b>USB</b>	Type B connector for touch screen communication
<b>Bezel controls</b>	Input selection / Up / Down / Enter / Exit / Standby in conjunction with OSD
<b>Touch screen</b>	Anti-reflective, analog-resistive touch screen
<b>Vibration</b>	Air transport C-17 according MIL-STD-810F fig 514.5C-6 and table 514.5C-VIII Composite Wheeled Vehicle according MIL-STD-810F fig 514.5C-3 and table 514.5C-VII up to 200Hz
<b>Shock</b>	MIL-STD-810F 10G peak, 11 msec ½ sine wave
<b>Operating temperature</b>	0°C to +50°C
<b>Storage temperature</b>	-20°C to +60°C
<b>Operating humidity</b>	5 to 85% relative, non-condensing
<b>Altitude</b>	Sea level to 10,000 ft (non-operating altitude: sea level to 40,000 ft)
<b>EMI / EMC</b>	MIL-STD-461E tailored to ground support equipment for Fixed Navy and Air Force equipment
<b>Electrostatic discharge</b>	IEC 61000-4-2 (Case 2)