

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.

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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.



Product specifications**TC-243**

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