

MTE 15



Preh KeyTec GmbH is a leading manufacturer of advanced data input systems on the global market. Their product range comprises modular standard keyboards which are primarily characterized by their high degree of flexibility and their extreme reliability, making them the ideal option for professional applications.

The „MTE 15“ Touchscreen is designed to offer a cost effective solution for end users and systems/project integrators alike. The „MTE 15“ model is combining the highest quality with reliability in a much smaller size than a conventional 15“ display. It is characterized by an extremely stable base and has side instead of front operated „OSD“ buttons with a blocking function to prevent misuse in public surroundings. The „MTE 15“ has standard „VESA“ and therefore can be wall or pole mounted if required. The display is protected against dust and liquids with an impressive, excellent clear picture. The „touch function“ uses 5-wire-resistive technology via either a USB or RS232 interface. Two built-in loudspeakers are part of the standard execution and can be connected via AUDIO interface by a separate cable.

The fitting of a magnetic card reader (3 tracks) is an option that can be connected by a separate USB cable to the CPU. Another benefit of the MTE 15 is that it has an internal PSU, so no trailing power brick, making cable management much cleaner.

Altogether, the „MTE 15“ touch monitor from PrehKeyTec with its practical, space saving design enables newcomers as well as experienced users, an elegant, reliable and cost effective implementation of touch technology.

Connection ports



Screen flattened



3 track MSR



Screen sideways



Power & OSD buttons



PrehKeyTec GmbH
Scheinbergweg 10
D-97638 Mellrichstadt
Tel: +49 9776 7046-0
Fax: +49 9776 7046-199
info@prehkeytec.com
www.prehkeytec.com

Technical Data

Display		15" diagonal - Active Matrix TFT LCD
Body colors		Dark gray
TouchScreen technology		5-wire resistive
Active Screen dimensions	Horizontal	304 mm (12,0")
	Vertical	228 mm (9,0")
Monitor dimensions	Width	35 cm
	Height with stand	35 cm
	Height without stand	27,8 cm
	Depth with stand	24 cm
	Depth without stand	5,5 cm
Weight	Actual	6,9 kg
	Shipping	
Brightness		250 cd/m² typical
Colors		16,2 Million
Option		Magnetic stripe reader (3 tracks)
Lifetime interior lighting		50,000 Hours
Resolution	Native	1024 x 768 bei 60, 70 oder 75 Hz;
	Supported	800 x 600 bei 56, 60, 72 oder 75 Hz; 720 x 350 bei 70 Hz; 640 x 480 bei 60,72 oder 75 Hz
Viewing angle	Horizontal	140° total (70° left / right)
	Vertical	115° total (55° up/60° down)
Contrast ratio		500 : 1
Scanning frequency	Horizontal	31,5 - 60,2 KHz
	Vertical	56,3 - 75 Hz
Video Input		Analog RGB (VGA)
(Input) Video formate		VGA/SVGA/XGA analog
Power supply voltages		100 – 240 VAC, 50/60 Hz
	Optional	+12 VDC ± 5 %
Power consumption		30 W max.
Temperature	Operating	0° C bis 40° C
	Storage	-20° C bis 60° C
Humidity	Operating	20% bis 80% nicht kondensiert
	Storage	10% bis 90% nicht kondensiert
External connections	Power	+12VDC power pack, 5,5 mm miniature jack
	VGA	HD15 (VGA)
	Touch	Standard USB, Serie B / DB9F9-pin Stecker (serial interface)
	Audio	Standard 3 mm stereo jack
Additional functions		Power switch state memory Digitales On Screen Display (OSD) Rubber wedge seal Hidden software lockable controls Direct access to brightness, audio mute and video auto adjust function (bypass OSD) Removable base 75 mm VESA brackets on display chassis Kensington lock connection on chassis Wide Range of vertical tilt (0° to +90°) Built in speakers (2x2 watt)
Product approvals		UL, cUL, FCC, CE, TÜV
Warranty		24 months