

High resolution Touch panel

TY-TP42P8-S

■Product summary

A touch panel compatible with a 42-inch plasma display, this device achieves the high resolution of 1841 x 1033 while maintaining an extremely thin and compact design.

With a built-in USB interface, the touch panel can be easily connected to peripheral devices of equipment such as personal computers.

■Product specifications

(Design and specifications are subject to change without notice)

Spec	
Detection system	Infrared ray interruption
Panel aperture (W x H)	945 mm (W) x 531 mm (H)
Detection range (W x H)	920 mm (W) x 513 mm (H)
Effective detection range	Above detection range +1.0 mm top, bottom, right, left
Operation modes	Input point, Continuous, End point detection *1
Resolution (W x H)	1841 mm (Horizontal) x 1033 mm (Vertical) *2
Detection pitch	2.0 mm x 2.0 mm
Output system	Coordinate output
Optical elements	231 mm (Horizontal) x 130 mm (Vertical)
Optical elements pitch	4.0 mm x 4.0 mm
Minimum stylus	6.0 mm x 6.0 mm
Scan speed	First touch: 30 msec/frame max. Moving: 8 msec/frame max.
Interface Spec	
Interface	USB 1.1
Compliant signal	+DATA, -DATA, VCC, GND
I/F Connector	TYPE B
Structure	
Panel shape	Flat panel
Dimensions (W x H x D)	1073 mm (W) x 659 mm (H) x 69mm (D) (Except bracket, Inclusive of protruding portion)
Weight	5.0 kg (Except bracket)
Escutcheon (frame)	Aluminum, ABS resin
Environment	
Temperature	Operation 0 to 50 °C (Temperature gradient) *3
	Unoperation -20 to 60 °C (Temperature gradient)
Humidity	Operation 20 to 85 % (Must be no condensation) *3
	Unoperation 10 to 95 % (Must be no condensation)
Main unit	
Power supply (voltage)	DC + 5 V ± 10 % (Supplied from USB bus power)
Electric current	DC + 5 V max. 400 mA

*1 : When using the specific driver software.

*2 : Resolution: When using the specific driver software.

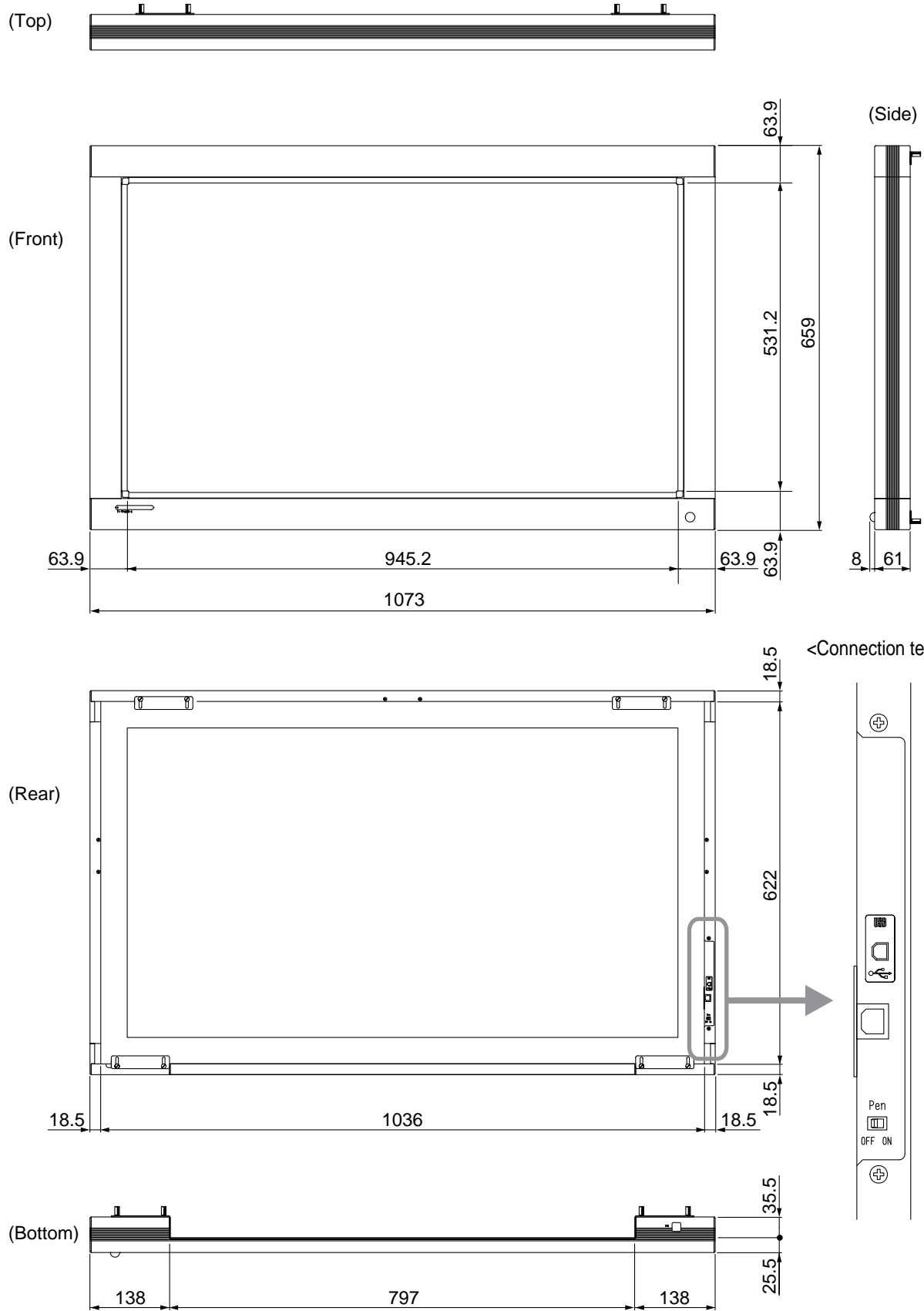
*3 : For touch panel only (When attached to a plasma display, be sure to follow the environmental cautions of the equipment in use.)

Accessories • USB Cable • Bracket (2 Types) • Screw (2 Types) • CD-ROM (USB Driver, Touch panel setting program)
 • USB Fixing bracket • USB Column screws

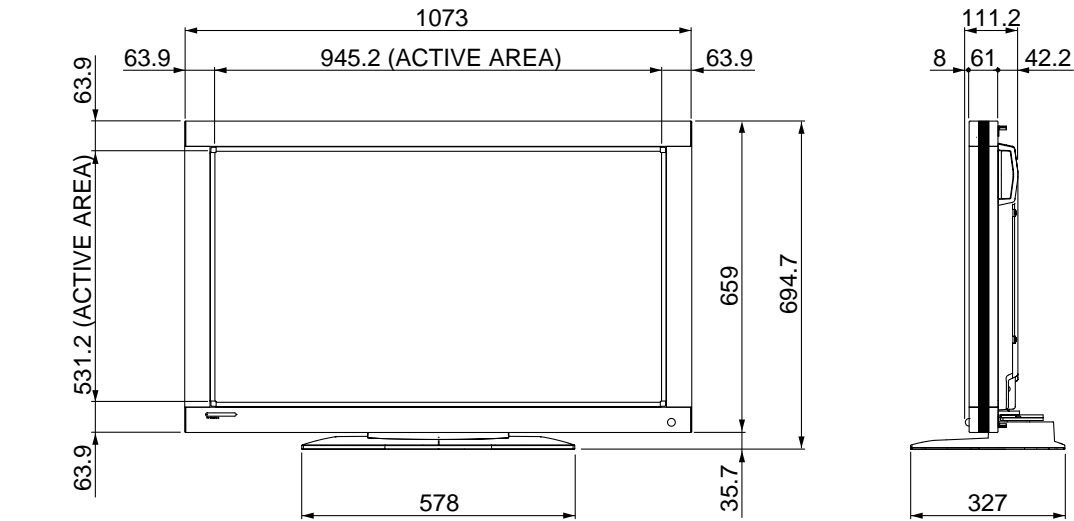
■Dimensions

Cautions : This drawing is not a scale.

Unit : mm



<When installed pedestal> (TY-ST08-K/S)



<When installed Mobile stand (with caster)> (TY-ST42PF3)

