



IRTO55-XHB4
Touch Solution Installation Guide



Have questions?

If customer service assistance is needed, please contact TSItouch:

Phone: 1-802-874-0123, Option 2 (8:00 am to 8:00 pm EST, Mon-Fri)

E-mail: support@tsitouch.com

Peerless IRT055-XHB4

Touch Solution Installation Guide - Rev. 1

1.0 Index

Guide Purpose	Page 1
Notes and Warnings	Page 1
Box Contents	Page 2
Parts Required	Page 2
Dimensional Drawings	Page 3
Kiosk	
Standalone	
Installation Procedure	
Kiosk	Page 4
Standalone	Page 7
Software - Calibration & Rotation	Page 8

2.0 Guide Purpose

- 2.1 Please review all notes, warnings, and instructions before beginning installation.**
- 2.2 This procedure describes the steps to install the Peerless-AV IRT055-XHB4 onto the Peerless-AV XHB554-EUK Outdoor Display

3.0 Notes and Warnings

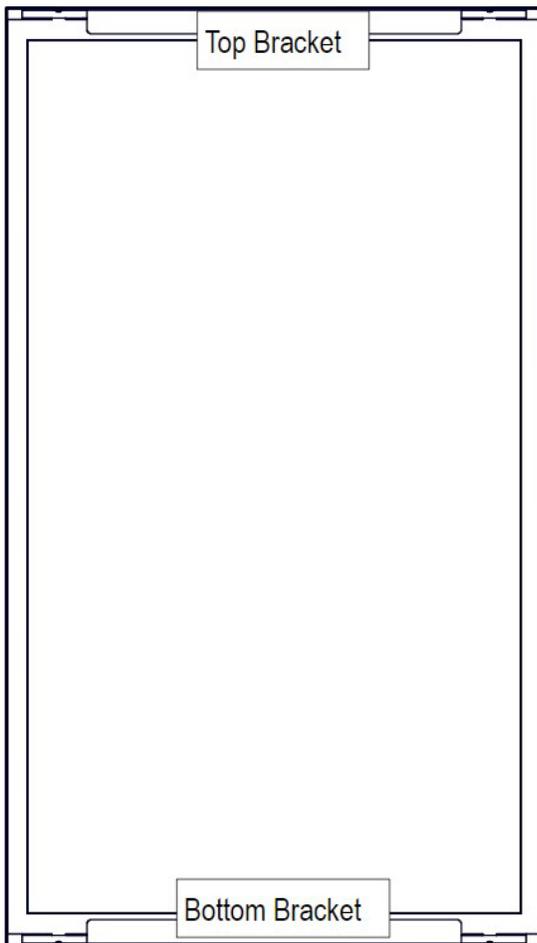
- 3.1 The touch solution should be installed and is intended for use with the Peerless-AV XHB554-EUK, KOP55XHB-EUK & KOP55XHB2-EUK only.**
- 3.2 The touch solution has integrated USB cable located along the bottom edge. Ensure the cables are not pinched, crushed, or damaged during installation.
- 3.3 Do NOT flex or apply excess uneven pressure to the assembly frame.
- 3.4 Installation requires two (2) people to safely handle the unit.
- 3.5 Ensure the touch solution is handled only by the metal frame during installation.

Peerless IRT055-XHB4

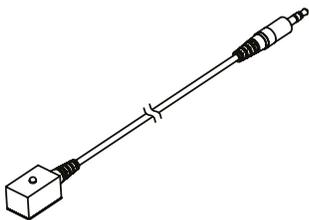
Touch Solution Installation Guide - Rev. 1

4.0 Box Contents

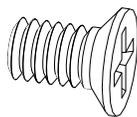
- 4.1 1 x IRT055-XHB4 Touch Frame
- 4.2 1 x ACCD-ALS Ambient Light Sensor Extender
- 4.3 Spare fixing screws



4.1 Touch Frame



4.2 ALS Extender



4.3 Spare screws

5.0 Materials Needed

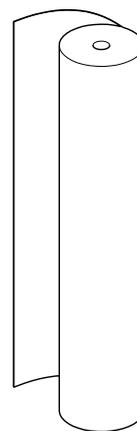
- 5.1 One (1) Phillips #2 screwdriver
- 5.2 Mild cleaning solution
 - 5.2.1 Do NOT use any chemical solvents such as acidic or alkali solutions.
- 5.3 Soft, dry cloth
- 5.4 (Optional) Canned air duster



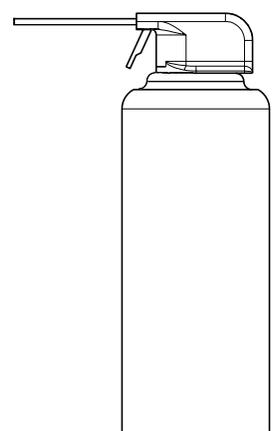
Item 5.1



Item 5.2



Item 5.3



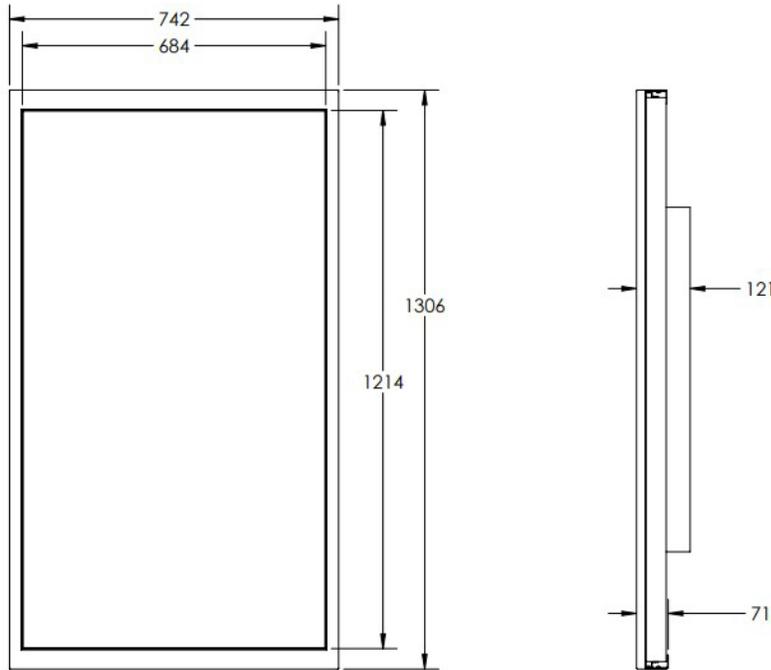
Item 5.4

Peerless IRT055-XHB4

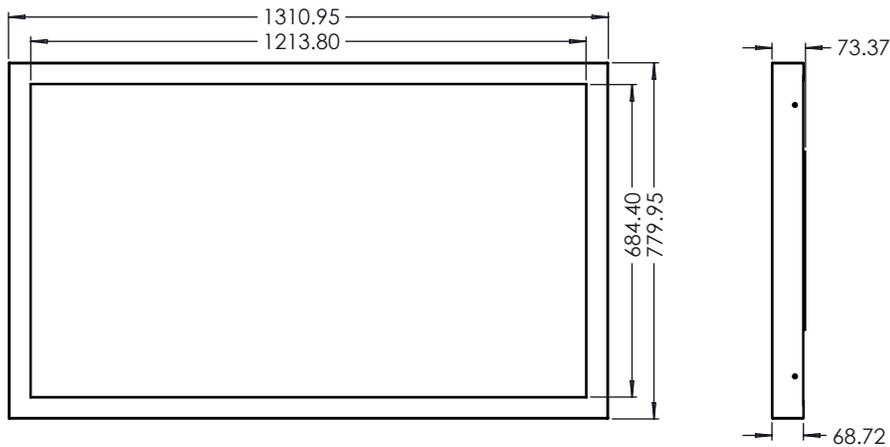
Touch Solution Installation Guide - Rev. 1

6.0 Dimensional Drawings (in millimeters)*

6.1 Kiosk Install Dimensions



6.2 Standalone Install Dimensions



*Actual measurements may vary ± 2 millimeters.

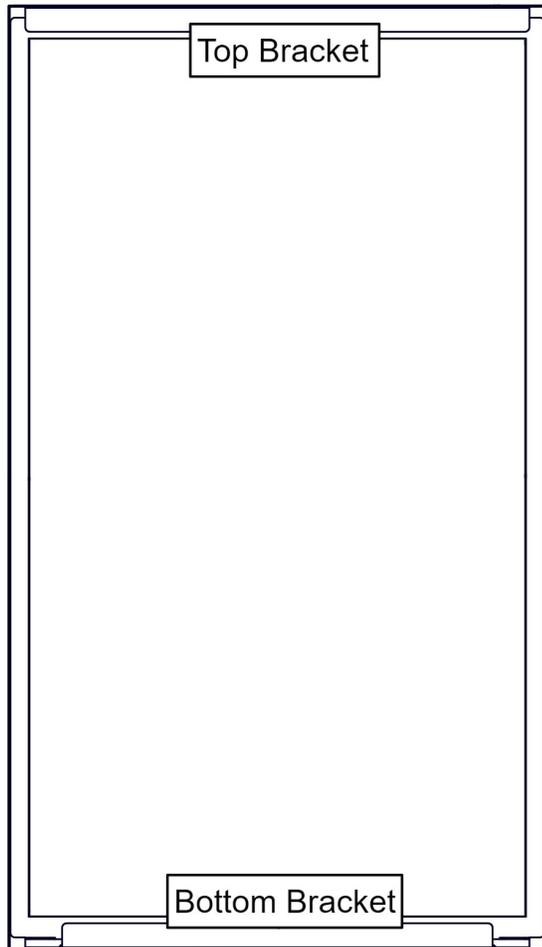
Peerless XHB554

Peerless IRT055-XHB4

Touch Solution Installation Guide - Rev. 1

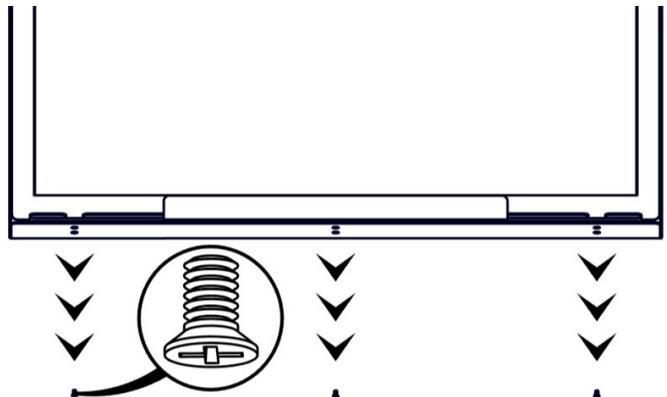
7.0 Kiosk Installation

7.1 Remove the touch solution from packaging. Place the assembly face down on a padded surface and verify the material contents.



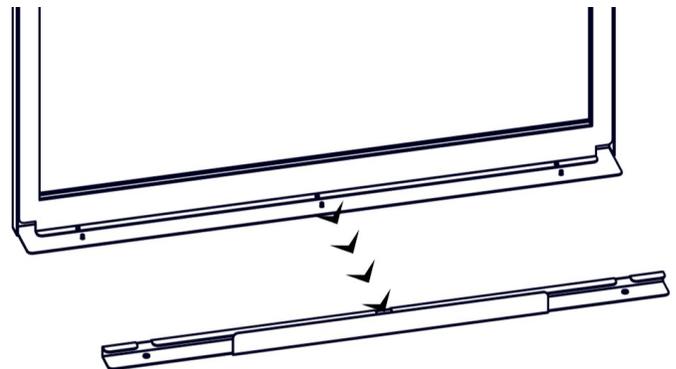
7.2 Use the #2 Phillips screwdriver to remove the three (3) #6-32 Phillips flathead machine screws securing the bottom bracket to the touch solution.

7.2.1 ONLY remove the screws closest to the back edge of the assembly. Do NOT remove any remaining screws from the assembly.



7.3 Remove the bottom bracket from the touch solution.

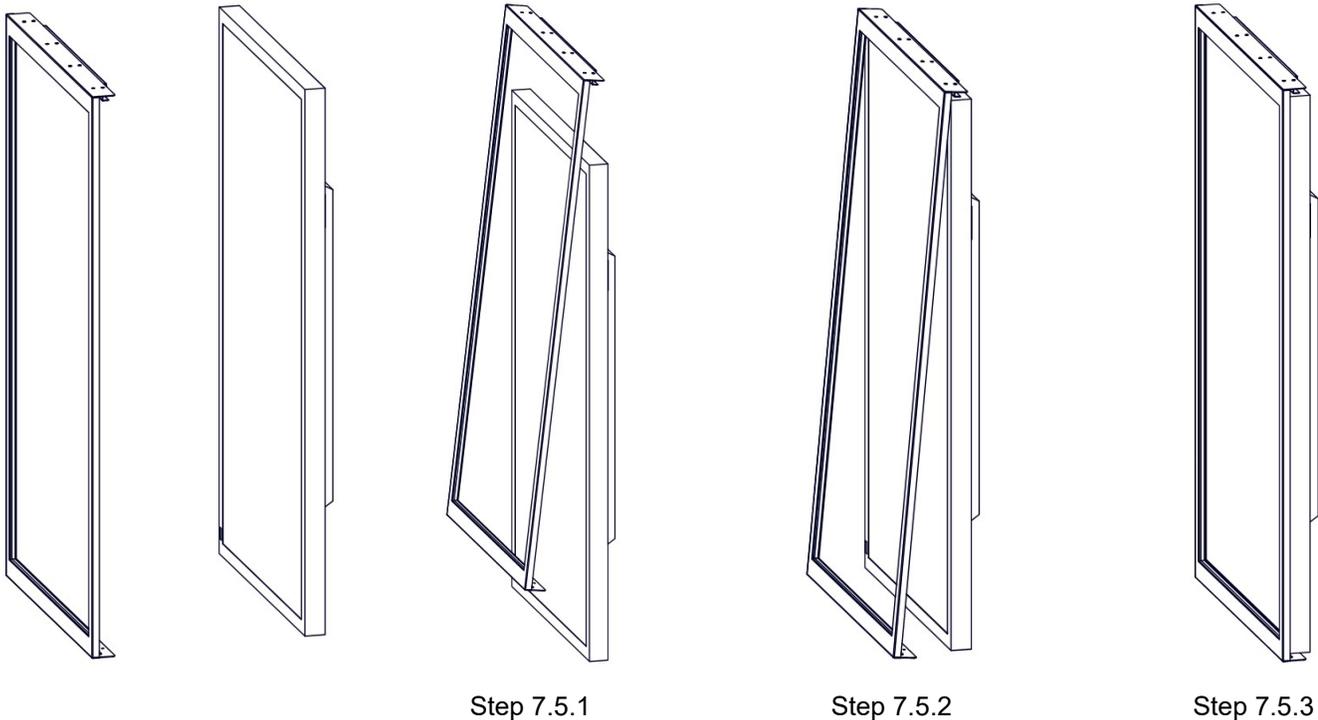
7.3.1 Set the screws and bracket aside for reuse in steps 7.9 and 7.10.



Peerless IRT055-XHB4

Touch Solution Installation Guide - Rev. 1

- 7.4 Use the mild cleaner and cloth to clean the monitor surface and inside glass surface of the touch solution.
- 7.4.1 Do not use any chemical solvents, such as acidic or alkali solutions.
- 7.4.2 If available, use compressed air after cleaning to remove any lint or dust.
- 7.5 With help from at least one partner, gently install the touch solution on the monitor.
- 7.5.1 Hook the top bracket of the assembly on the top of the monitor.
- 7.5.2 Slide the assembly toward the bottom of the monitor.
- 7.5.3 Lower the assembly down to the monitor surface.

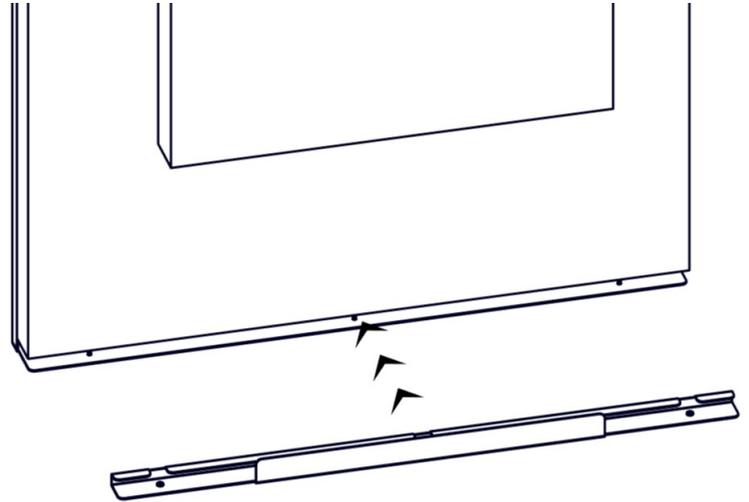


- 7.6 Be sure the USB cable is toward the bottom of the monitor and is not crushed or pinched during installation.
- 7.7 Be careful not to scratch or damage the monitor while installing the solution.
- 7.8 Double-check the monitor panel and touch solution glass for dirt, smudges, or dust before securing the assembly to the monitor.

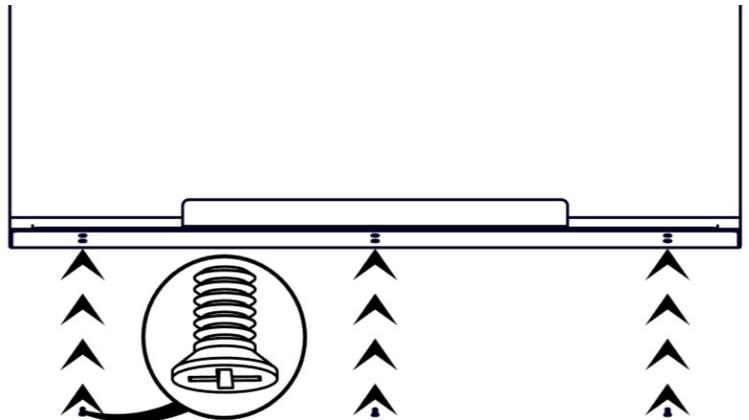
Peerless IRT055-XHB4

Touch Solution Installation Guide - Rev. 1

- 7.9 Return the bottom bracket to its original position.



- 7.10 Replace the three (3) #6-32 Phillips flathead machine screws to secure the bottom bracket to the touch solution.



- 7.11 Attach the USB output cable to your PC or media player to enjoy your new touch capabilities.

Peerless IRT055-XHB4

Touch Solution Installation Guide - Rev. 1

8.0 Standalone Installation

- 8.1 Place the unit face down on a soft surface and remove the long brackets secured by 3 M4x10 CSK screws on each side.
- 8.2 Remove the 2 M4x10 CSK screws at either end of the bezel on the short sides.
- 8.3 Now lift out the assembly from the outer bezel.
- 8.4 Refit the 2 M4x10 CSK screws into the short side of the bezel identified with the bracket labelled TOP.
- 8.5 With the monitor mounted fit the touch solution by hooking the short side with the bracket to the right hand side of the monitor.
- 8.6 Secure the left hand bracket with a single M4x10 CSK screw in the middle screw hole position only.
- 8.7 Remove the 2 M4x10 CSK screws from the right hand side leaving only the middle screw.
- 8.8 Correct orientation of the touch solution can be verified because the USB touch cable will be at the bottom left hand corner.
- 8.9 Carefully place the outer bezel over the touch solution and secure the left and right hand sides with 2 M4x10 CSK screws on either short side.
- 8.10 Fit the long brackets with 3 M4x10 CSK screws on each bracket.
- 8.11 Secure the earth/ground cable to the monitor via a suitable location.

Peerless IRT055-XHB4

Touch Solution Installation Guide - Rev. 1

9.0 Calibration and Rotation

Caution: Calibration and/or rotation must not be performed using the Windows calibration routines.

- 9.1 Two applications are required these are the Rotation Tool and Touch Service. Both can be obtained from the TSiTouch website www.tsitouch.com.
Navigate to Support
 Knowledge Base
 Touch Expert/IRT
 Windows
 .Touch Expert/IRT – Calibration
 .Touch Expert/IRT – Rotate Orientation
- 9.2 Calibration must be performed on a Windows PC even if the target hardware is another HID touch compatible device running for example Android.
- 9.3 The touch solution has been set for Portrait operation but if landscape is required perform a reset using the Touch Service application. Calibration must be performed within this application if required.
- 9.4 If the touch solution is found to be in landscape and needs to be rotated to portrait then use the rotation tool.