DISPLAX™
MULTITOUCHTECHNOLOGIES

TECHNOLOGY FOR THE MULTITOUCH GENERATION

DISPLAX PAD

USER GUIDE

PACKING LIST 3
GENERAL INFORMATION 4
HANDLING INSTRUCTIONS 4
TOOLS REQUIRED 4
DOWNLOAD USER GUIDE AND DRIVERS 4
OTHER INFORMATION 5
PRODUCT DESCRIPTION 6
DISASSEMBLING & ASSEMBLING 9
HOW TO OPEN PAD 9
HOW TO REMOVE OR ASSEMBLE PC 9
HOW TO ACCESS THE PCB 9
HOW TO REMOVE OR CHANGE LCD 11
SETTING UP DISPLAX PAD 12
SKIN MULTITOUCH CONFIGURATION 13
CARE & HANDLING 14
SUPPORT 15
WARRANTY 16

01

PACKING LIST

This DISPLAX Pad shipment contains the following equipments/components:

- Pad – 1 unit
- Remote control – 1 unit
- 3D glasses* - 1 unit

* When technology available in LCD shipped

02

GENERAL INFORMATION

HANDLING INSTRUCTIONS

Due to the product weight, carrying and assembling DISPLAX Pad should be made by 2 persons.

Never place DISPLAX Pad with the glass facing down. Always make sure the unit is placed in a surface clean and free of debris to avoid scratching or damaging.

Always make sure the back is properly attached to the trim before moving your Pad.

TOOLS REQUIRED

DISPLAX Pad is shipped assembled and ready to use. If you need to do any maintenance or exchange PC or LCD, you will need the following tools:

Unbrako / hex key (not included), size 6 (40'' & 65''), size 5 and size 2.

DOWNLOAD USER GUIDE AND DRIVERS

USER GUIDE

Make sure you download and read the DISPLAX Pad User Guide before assembling your unit:

http://www.displax.com/downloads/UserGuides/DisplaxPad.php

DRIVER

DISPLAX Pad uses DISPLAX Skin Multitouch as the touch detection technology. To download the most updated drivers please use the link below. DISPLAX Pad's default PC unit is an Intel NUC 64 bits with Windows 8 Pro.

If you are not using the default PC unit make sure to check the architecture of the processor and select the correct driver.

http:// support.displax.com/downloads.php

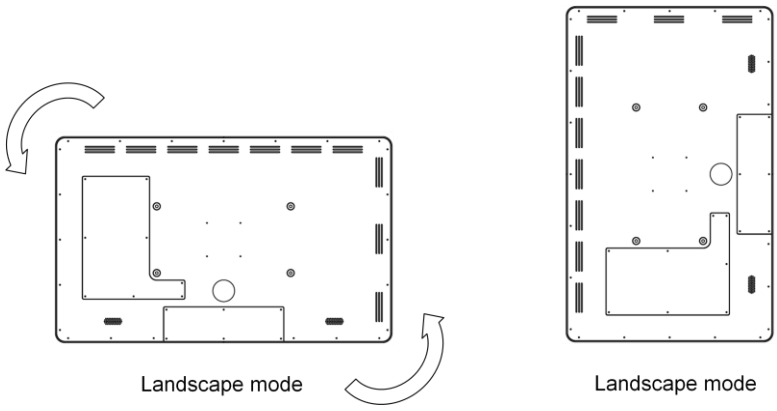
SKIN MULTITOUCH USER GUIDE

The User Guide can be downloaded to answer any questions regarding the touch technology.

http://www.displax.com/downloads/UserGuides/DisplaxSkinMultitouch.php

OTHER INFORMATION

LCD manufacturers require that LCDs used in portrait mode be mounted like this. Non compliance may result in lost of warranty



The serial number is placed in the back.

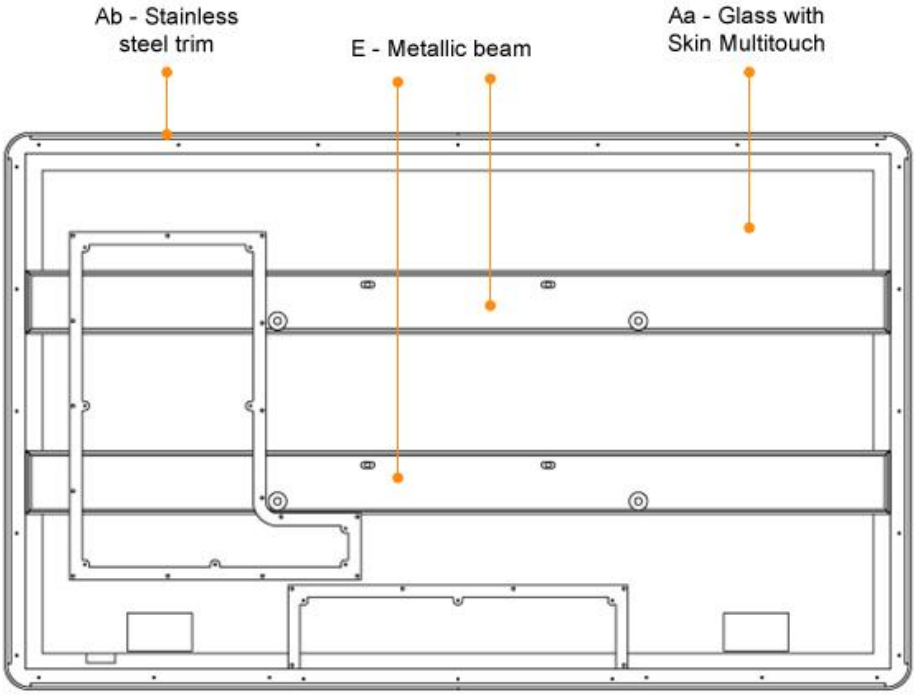
03

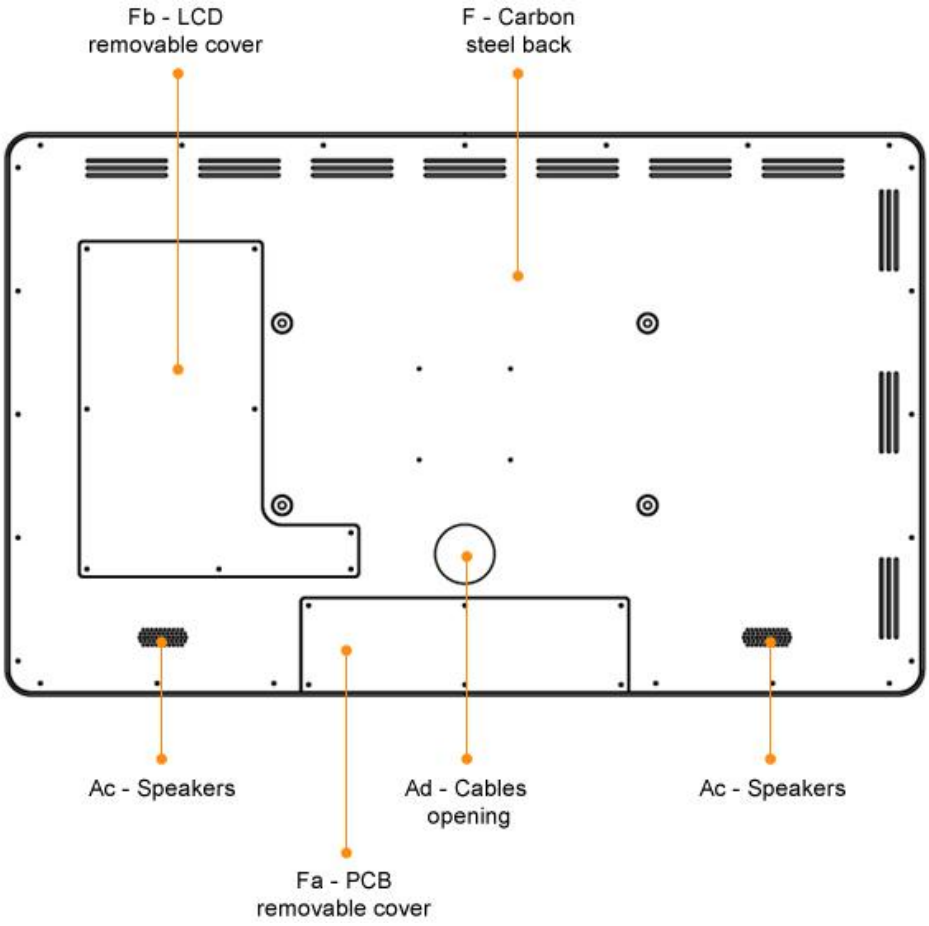
PRODUCT DESCRIPTION

A. Structure
    a. Glass (with Skin Multitouch foil laminated)
    b. Stainless steel trim
    c. Speakers**
    d. Cables opening
B. LCD
    a. HDMI cable
    b. Power cable
    c. Remote control
    d. 3D glasses*
C. Intel NUC
    a. Power cable
D. Printed Circuit Board (Skin Multitouch PCB controller)
    a. USB cable
E. Metallic beam (2)
F. Carbon steel back
    a. PCB removable cover
    b. LCD removable cover
G. USB extension cable

* When technology available in LCD shipped

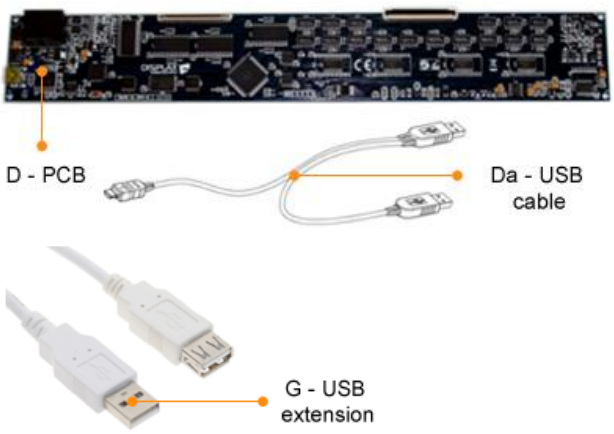
** 40'' has speakers built-in on LCD


Ab - Stainless steel trim
E - Metallic beam
Aa - Glass with Skin Multitouch


Fb - LCD removable cover
F - Carbon steel back
Ac - Speakers
Ad - Cables opening
Ac - Speakers
Fa - PCB removable cover

B - LCD
Bd - 3D Glases
Bb - Power cable
Ba - HDMI cable
Bc - Remote control

C - Intel NUC
Ca - Power cable


D - PCB
Da - USB cable
G - USB extension

04

DISASSEMBLING & ASSEMBLING

DISPLAX Pad is shipped ready to use. However, you may need to do disassemble and reassemble the product.

DISPLAX Pad uses the following screws:

I. M3 12mm, unbrako 2 - 37 units

II. M8 12mm, unbrako 6 - 4 units

III. M8 20mm, unbrako 6 - 4 units (40'', 65'')

IV. M6 20mm, unbrako 5 - 4 units (42'', 47'', 55'')

HOW TO OPEN PAD

Open Pad by unscrewing the 37 M3 screws from *F*. Beware that *Fa* and *Fb* are loose.

Remove both *E* units by unscrewing the 4 screws in the center (III or IV, depending on the Pad size) and the 4 M8 12mm from the edges.

You now have full access to the interior of Pad and can disassemble everything.

Cautions to have:

- Be careful not to damage the Skin Multitouch tail (the orange cable that has the PCB controller attached.
- Be careful when holding the LCD to avoid leaving fingerprints on the screen
- When reassembling DISPLAX Pad, be careful when screwing the 37 M3 screws. For best results start all the screws on their holes without fully tightening them. Then once all are in place, tighten gradually alternate screws until all are firmly fixed.

HOW TO REMOVE OR ASSEMBLE PC

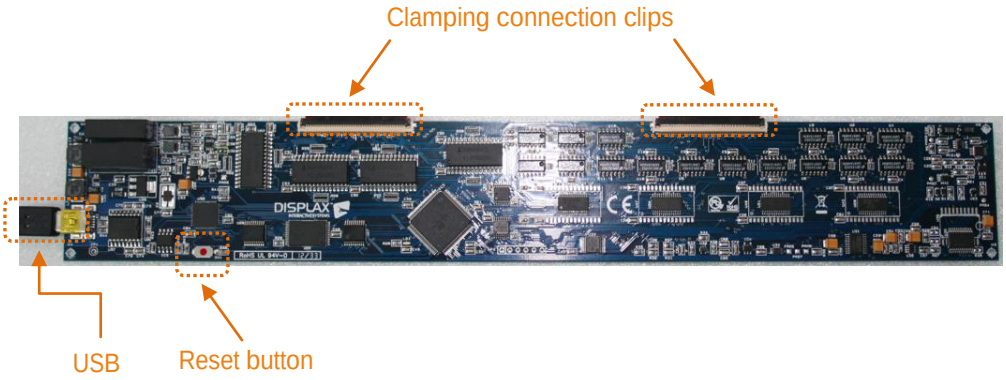
Unscrew *Fb* to access the PC.

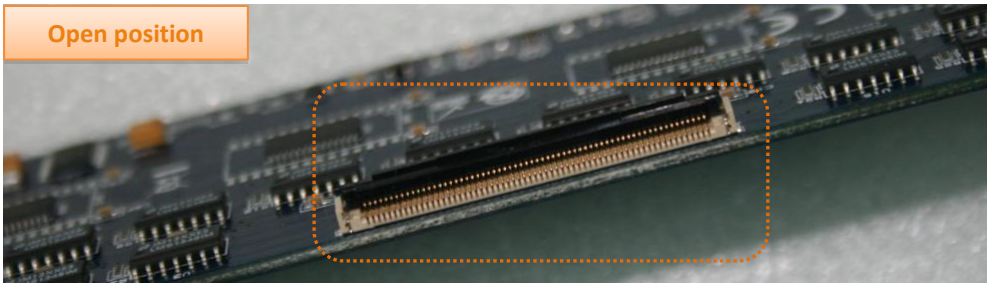
HOW TO ACCESS THE PCB

Unscrew *Fa* to access the PCB.

Remove the USB cable.

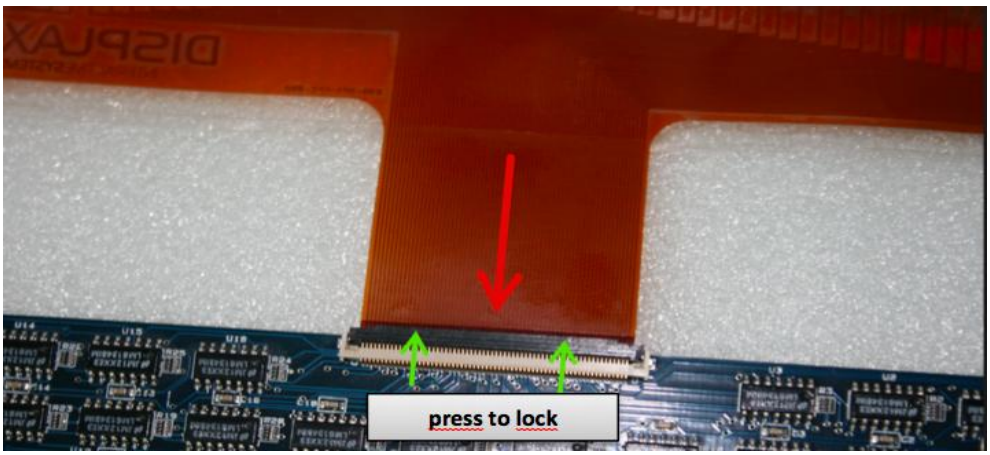
Carefully lift the 2 clamping clips (grey bar) as shown on the following picture, taking care not to over extend the clamping clip.





Make sure you connect the sensor to the controller at the correct side. The orientation is clear by comparing the DISPLAX logotype position at the ribbon cable and at the controller board. Align the position of the controller connectors with the orange ribbon cables.

Gently insert the ribbon cables into position. Once the ribbon cable is inside the connector, press down the clamping clip to lock it.



Connect the USB cable on the touch controller and then to the computer.

HOW TO REMOVE OR CHANGE LCD

To remove LCD unscrew both *E* units, as explained in “How to open Pad” chapter above.

05

SETTING UP DISPLAX PAD

Turn DISPLAX Pad on using the small hole on *F* to switch on the PC.

If the LCD is not turned on for quite some time it may lose its settings, and will not turn on automatically with the PC. In this situation you will need to turn it on using the remote control.

The PC that is shipped with Pad has the driver for Skin Multitouch already installed. You should, nonetheless, learn how to handle the touch technology detection. To do so, please go to next chapter to access the DISPLAX Skin Multitouch documentation.

To change LCD settings, such as brightness, contrast and other options, please use the remote control. For more information please follow the manufacturer manual.

06

SKIN MULTITOUCH CONFIGURATION

To learn how to configure, fine tune and generic information about the touch technology used in DISPLAX Pad, which is DISPLAX Skin Multitouch, please download the product documentation using the following links.

DISPLAX Skin Multitouch User Guide

http://www.displax.com/downloads/UserGuides/DisplaxSkinMultitouch.php

DISPLAX Skin Multitouch Spec File

http://www.displax.com/downloads/SpecFile/DisplaxSkinMultitouch.php

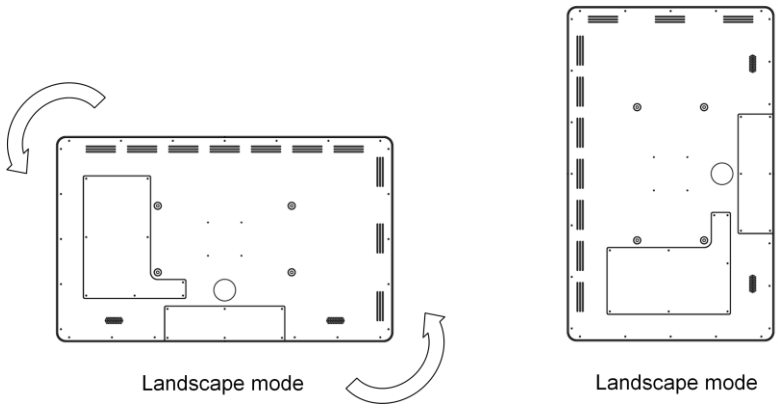
Make sure you have the latest driver. To download the latest version of the driver, visit our support page.

http://support.displax.com/

07

CARE & HANDLING

LCD manufacturers require that LCDs used in portrait mode be mounted like this. Non compliance may result in lost of warranty



Do not cover the holes in *F* to ensure proper cooling.

If DISPLAX Pad is used in portrait mode

To clean the glass use a cloth lightly dampened with a mild detergent and wipe the touch screen.

Do not use alcohol (methyl, ethyl or isopropyl) or any strong dissolvent to clean the metallic parts of Pad. Do not use thinner or benzene, abrasive cleaners or compressed air.

The recommended products to clean the stainless steel trim or carbon steel back are:

- 3M Stainless Steel Cleaner & Polish

Do not spill liquid of any kind to the interior of the table.

08

SUPPORT

If you require support or are experiencing problems, or if you have any queries, please contact the DISPLAX™ Support Team at http://support.displax.com/, or contact your DISPLAX™ representative.

09

WARRANTY

DISPLAX provides quality products. DISPLAX warrants to the original end user customer of its products that they are free from defects in material and workmanship. In the event of experiencing problems with any of our product please follow these guidelines.

DISPLAX Pad has 1 year warranty under normal use from date of invoice of the product.

During the warranty period, DISPLAX Multitouch Technologies will repair or replace defective parts that are returned to DISPLAX head-office, in Braga, Portugal, Europe.

Replacement parts are warranted for the remainder of the warranty period. All parts that are exchanged under this warranty become the property of DISPLAX.

This limited warranty does not cover any damage to this product that results from :

- Improper installation
- Accident
- Abuse
- Misuse
- Natural disaster
- Insufficient or excessive electrical supply
- Abnormal mechanical or environmental conditions

This limited warranty also does not apply to any product on which the original configuration has been :

- Altered
- Obliterated or removed
- Incorrect handling
- Non Cautions Packaging
- Damage caused by use of the product outside the permitted or intended uses described in the product specifications.

Damage caused by service (including upgrades and expansions) performed by anyone who is not a representative of DISPLAX or by anyone unauthorized by DISPLAX is not covered.

For any warranty claim, the Buyer must provide DISPLAX with:

- Applicable model and serial numbers, the date of purchase, and the nature of the problem.

DISPLAX, in its discretion, may also require that the Buyer return the product being covered under warranty.

The warranty is return to base only, and does not include:

- On-site repair charges such as labor
- Travel
- Shipping
- Other expenses associated with the repair or installation of replacement parts.

Shipping Charges: When applicable, DISPLAX Multitouch Technologies will pay all shipping charges to send the repaired, replaced or exchanged product to the original point of shipment.

For more detailed information contact:

DISPLAX™ - MULTITOUCH TECHNOLOGIES

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