3M™ Touch Display Quick Start Guide

Please read, understand and follow all safety information contained in this document prior to use. For more information, see the product specific 3M™ User Guide found on www.3m.com/touch. Retain these instructions for future reference.

Intended Use
The 3M™ Touch Displays are designed for touch input and tested to replace an existing display. These displays are intended for professional installation and use in an indoor, business environment. They are not designed or tested for use in hazardous locations. Use in any other application has not been evaluated by 3M and may lead to an unsafe condition. Not intended for household or personal use.

Explanation of Signal Word Consequences
⚠ **WARNING:** Indicates a hazardous situation, which, if not avoided, could result in serious injury or death. ⚠ **CAUTION:** Indicates a hazardous situation, which, if not avoided, could result in minor or moderate injury and/or property damage. **NOTICE:** Indicates a situation which, if not avoided, could result in property damage.

⚠ WARNING
To reduce the risks associated with hazardous voltage: - Plug power cord into appropriately grounded power source. - Use only 3M provided power supply or power cord certified for country of use. Contact your local 3M Technical Service to order a replacement power cord. - Do not modify or service the display. There are no user serviceable parts. Servicing only by 3M authorized service personnel. - Do not use any part of the system if damaged (display, power supply, power cord, etc.). - Ensure that connecting the unit to the power source will not overload the power source. - Do not connect or disconnect this product during a thunderstorm or lightning. - Do not install/use outdoors or in wet locations. - Do not place liquids on display. **To reduce the risks associated with fire:** - The socket outlet should be installed near the equipment and should be easily accessible. - When using any cleaning solution, follow all instructions and recommendations in the manufacturer's Safety Data Sheet and on product label. **To reduce the risks associated with fire or explosion:** - Do not install or use in hazardous locations.

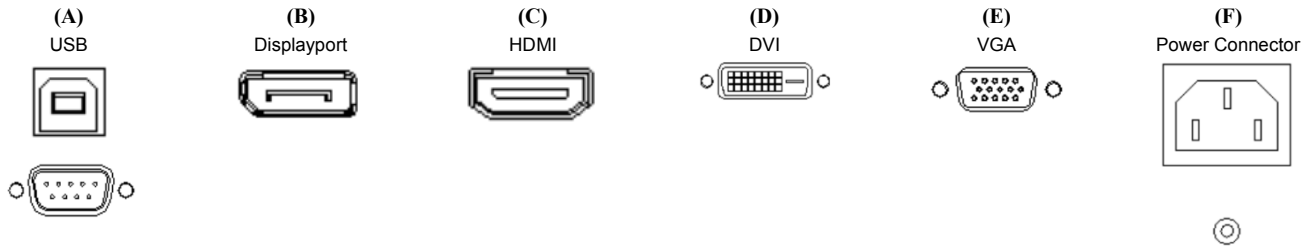| ⚠ CAUTION |
| --- |
| **To reduce the risks associated with lifting large or heavy displays:**
- Avoid extended periods of awkward positioning while installing.
- Get assistance and use good material handling practices during extended periods of integration/installation.
- Ensure proper mechanical lifting assistance is used when handling displays 65" or greater in size.
To reduce the risks associated with broken glass:
- Handle the display with care to avoid breaking the touch sensor.
- Ensure the mounting screws are tightened fully to prevent instability.
To reduce the risks associated with broken glass or impact:
- Always install the display screen from 0 to 90 degrees from horizontal plane. Installation outside this range not recommended.
- Never wall mount the display without the locking mechanism in place.
- Ensure the mounting unit will not adversely affect the stability of the end equipment when installing in free standing equipment or using the VESA mount.
- Do not use a mounting arm with this display unless it is safety tested and rated for a load greater than the weight of the display. |

NOTICE
To reduce the risk of property damage: - Do not place heavy objects on the display or its cables. - Always use the VESA holes when mounting the display. - Do not drill additional holes in the unit to mount plates in other locations. - Read and follow all installation instructions. - Only install using the recommended mounting hardware

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Connecting the 3M™ Touch Display

1. Turn off power switch on your computer. You should always turn off the computer before connecting or disconnecting a device.

2. Connect (**A**) USB or Serial cable to the available port on your computer and plug the other end into the back of display.

3. Connect either the (**B**) Displayport or (**C**) HDMI or (**D**) DVI or (**E**) VGA cable to the video connector on the display. Connect the other end to the video card in your computer.

4. Connect the power cord to the (**F**) power connector on the display. Connect the other end of the power cord to an appropriate grounded power source.

| **(A)** USB | **(B)** Displayport | **(C)** HDMI | **(D)** DVI | **(E)** VGA | **(F)** Power Connector |

Mounting the 3M Touch Display

Note: Always use the mounting holes when attaching the brackets or arm mount. Do not drill additional holes in the unit.

VESA Mounting Option

Each display has a VESA mounting pattern on the back to allow for arm mount capability.

Note: To avoid the risk of potential damage to display electronics:

• Always use the proper VESA sized mounting holes when using an arm attachment. (See table for correct VESA size.) Do not drill additional holes in the unit to mount plates at other locations.

• Do not use screws that are longer than specified in the table, they could potentially damage electronics inside the display.

• If you choose to use a VESA mount or UL listed wall mount bracket, ensure adequate weight load capability.

• Follow the manufacturer's instructions included with the mounting device to properly attach your display.

3M™ Touch Display Models	VESA mounting dimensions (MM)	Screw size & Max Length (MM)	Weight	Hardware Accessory Kit
M1500SS	75 X 75	M4 X 8	7.4 kg (16.3 lbs)	
C1500SS	75 X 75	M4 X 8	4.2 kg (9.2 lbs)	X
M1700SS	100 X 100	M4 X 8	8.6 kg (18.9 lbs)	
M1866PW	100 X 100	M4 X 10	4.9 kg (10.8 lbs)	
M2167PW	100 X 100	M4 X 10	6.4 kg (14.1 lbs)	
C2167PW	100 X 100	M4 X 8	5.7 kg (12.6 lbs)	X
C2234SW	100 X 100	M4 X 8	6.4 kg (14.0 lbs)	
M2467PW	100 X 100	M4 X 10	6.6 kg (14.6 lbs)	
M2767PW	100 X 100, 100 X 200	M4 X 10	7.7 kg (17.0 lbs)	
C3266PW	200 X 200	M4 X 8	15 kg (33 lbs)	X
C4267PW	400 X 400	M6 X 16	23 kg (50.7 lbs)	
C4667PW	400 X 400	M6 X 16	26 kg (57.3 lbs)	
C5567PW	400 X 400	M6 X 16	40 kg (88.2 lbs)	
C6587PW	400 X 400	M8 X 20	64 kg (141.1 lbs)	

Bracket Mounting Option (Chassis Models Only)

The 3M Touch Chassis Display may come with a hardware accessory kit for mounting the unit into an enclosure. This kit includes screws and mounting brackets.

Mounting holes are located on 4 sides of the display.

- Always use the supplied screws.
- Brackets can be attached to the edges of the chassis.

Testing the 3M™ Touch Display

Note: The 3M Touch Display has a power status light and video controls.

Before testing your touch display, make sure all cables are connected properly. Be sure to tighten all cable screws. After connection, turn on the power switch located on the display.

To test that the display is working properly:

1. Turn on your computer.

2. Make sure the video image is displayed. If it is not, check the LED to ensure that the display is not in power save mode (amber).

3. Make sure the video image is centered within the screen area. Use the display controls to adjust the image, if necessary. You can adjust the horizontal and vertical position, contrast, and brightness to better suit your video card and your personal preference.

For detailed information on display functionality, operations, or controller communications, refer to the User Guide located on www.3m.com/touch.

Installing the Touch Software

A 3M MicroTouch™ MT 7 Software Driver may be required to operate your display. See the table below to determine if this is required based on your product and operating system. Refer to the MicroTouch *MT7 Software User Guide* for complete instructions. These drivers and relevant technical documentation can be found on the enclosed 3M Touch Solutions CD (31197) and are also available for download from our website at www.3M.com/touch. After the software is installed, restart your computer to load and activate the touch sensor driver.

3M™ Touch Displays	Windows 7 & 8		Windows XP & Vista		Linux		Mac OS		Comments
	USB	Serial	USB	Serial	USB	Serial	USB	Serial	
Multi-Touch Displays M1866PW, M2167PW, C2167PW, M2467PW, M2767PW, C3266PW, C4267PW, C4667PW, C5567PW, C6587PW		X	X	X	X	X	X	X	Windows 7 has native multi-touch support if using the USB HID interface.
Single Touch Displays M1500SS, M1700SS, C1500SS, C2234SW	X	X	X	X	X	X	X	X	

Contact 3M Touch Systems

3M Touch Systems, Inc. provides extensive support services through our website and technical support organization. Visit the 3M Touch Systems website at www.3M.com/touch, where you can download MT 7 software and drivers, obtain regularly updated technical documentation on 3M Touch Systems products, and learn more about our company.

You can contact 3M Touch Systems, Inc. Technical Support (US only -- Eastern Standard Time) by calling the hot line, sending email or a fax.

- Technical Support Hot Line: 978-659-9200
- Technical Support Fax: 978-659-9400
- Toll Free: 1-866-407-6666 (Option 3)
- Email: US-TS-techsupport@mmm.com

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"RoHS 2011/65/EU Compliant" means that the product or part does not contain any of the substances in excess of the maximum concentration values ("MCVs") in EU RoHS Directive 2011/65/EU, unless the substance is in an application that is exempt under EU RoHS. The MCVs are by weight in homogeneous materials. This information represents 3M's knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to 3M.

US Supplier's Declaration of Conformity for the following 3M Company manufactured product(s):
M1500SS, C1500SS, M1700SS, M1866PW, M2167PW, C2167PW, C2234SW, M2467PW, M2767PW, C3266PW, C4267PW, C4667PW, C5567PW, C6587PW
We hereby declare that these products comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Responsible Party Contact information:
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www.3M.com/touch

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Document Title*: 3M™ Touch Display Quick Start Guide*
Document Number: TSD-48055, Revision G

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