

INSTALLATION

CU50 with TSP40

Follow These Steps



1 Check the packing list

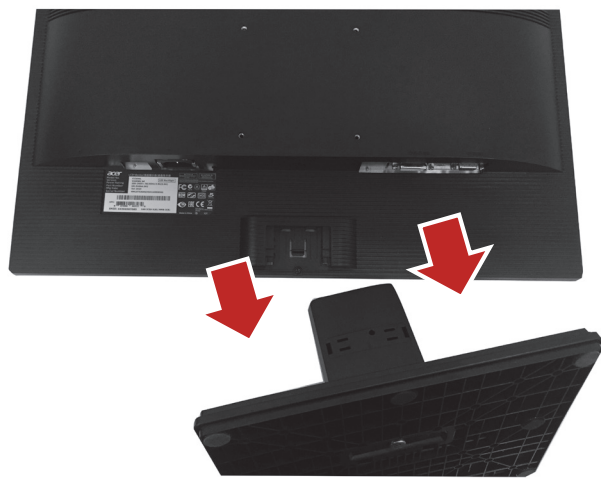
- Have you received everything listed?

2 Decide where to mount the monitor

- Above eye level
- Visible to all employees
- Close to electrical outlet (power strip may be needed)
- Away from food preparation area

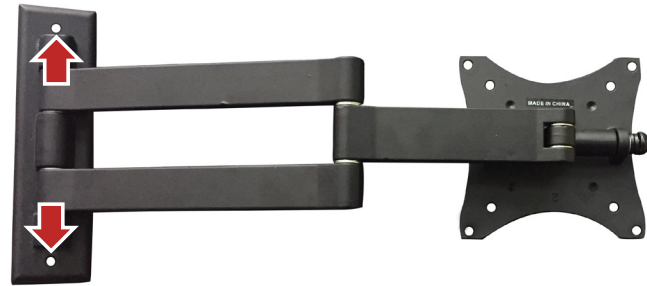
3 Remove the base from the monitor

- Remove and discard the monitor base.



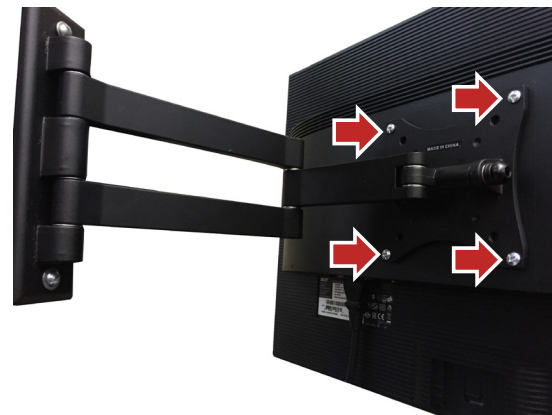
4 Mount the monitor bracket to the wall

- Hold the rear plate level against the wall.
- Mark the wall through the two screw holes.
- Drill holes at the marked locations for the screw anchors or toggle bolts.
- Mount the rear plate to the wall.



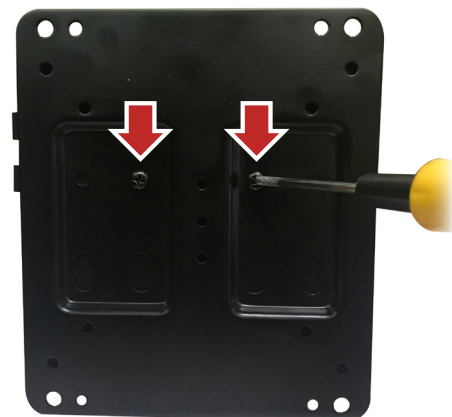
5 Attach the monitor to the face plate

- Attach the monitor to the face plate with the four screws.



6 Mount the CU50 to the wall plate

- Place the bracket over the CU50
- Insert screws through the bracket into the CU50 and tighten.



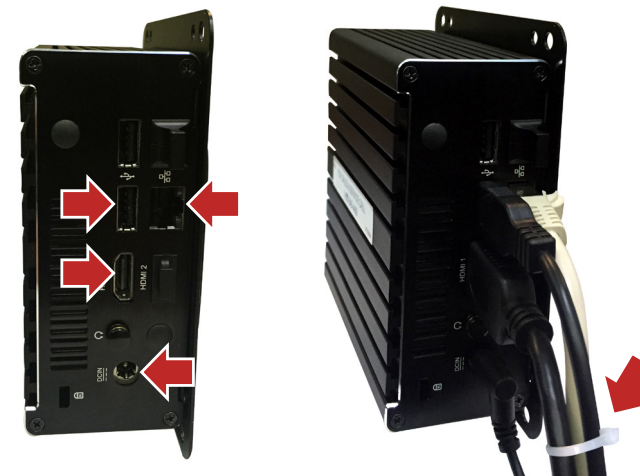
7 Mount the CU50 to the wall

- Place the plated CU50 against the wall, and mark the desired location on the wall through the four outside mounting plate holes.
- Drill holes at the marked spots, and then insert drywall anchors (if needed).
- Align the mounting plate holes to the drywall holes or anchors, and then use the screws to mount the CU50 to the wall.
- The HME Sales and Service sticker should be right side up.



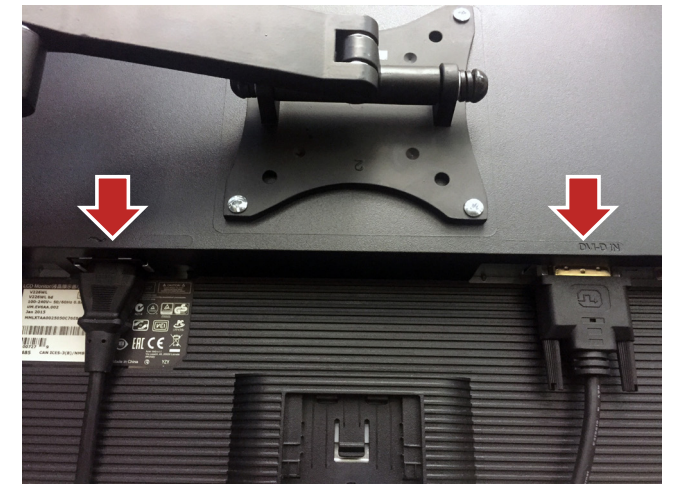
8 Connect the cables to the CU50

- Connect the Network cable, and then connect the mouse in the above USB slot (see below).
- Insert the video cable into HDMI 1, and then connect the power adapter.
- Use zip ties to secure the cables together.



9 Connect cables into the monitor

- Connect the power cable into the monitor.
- Connect the monitor cable.
- Connect the power cable into the power supply and electrical outlet.



10 Mount the TSP on the Wall

- Open the TSP, and hold it level against the wall.
- Mark the wall using the four mounting holes.
- Drill holes at the marked spots, and insert the anchors or toggle bolts.
- Mount the TSP to the wall.



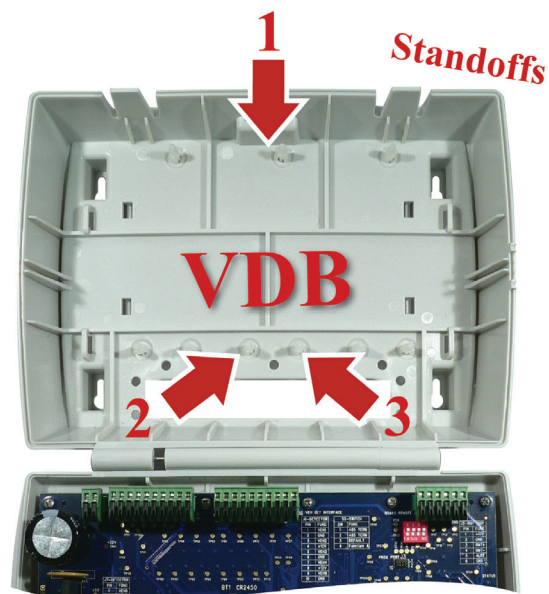
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 Rev B 3/10/16

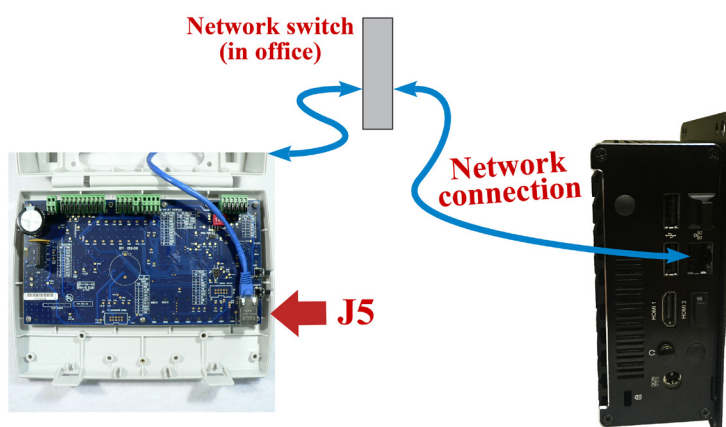
11 Install VDB in TSP40

- Mount VDB on three standoffs inside the TSP. **NOTE:** Two additional VDBs can be mounted on the other set of standoffs.



12 Locate Network switch and connect network cables

- Place the network switch in the office.
- Locate the two network cables. **NOTE:** One cable is 50 ft (15.24 meters). The other cable is 100ft (30.48 meters).
- Route and connect one cable from the network switch into the opening in the back of the TSP to the J5 connector.
- Route and connect the other cable from the network switch to the control unit.

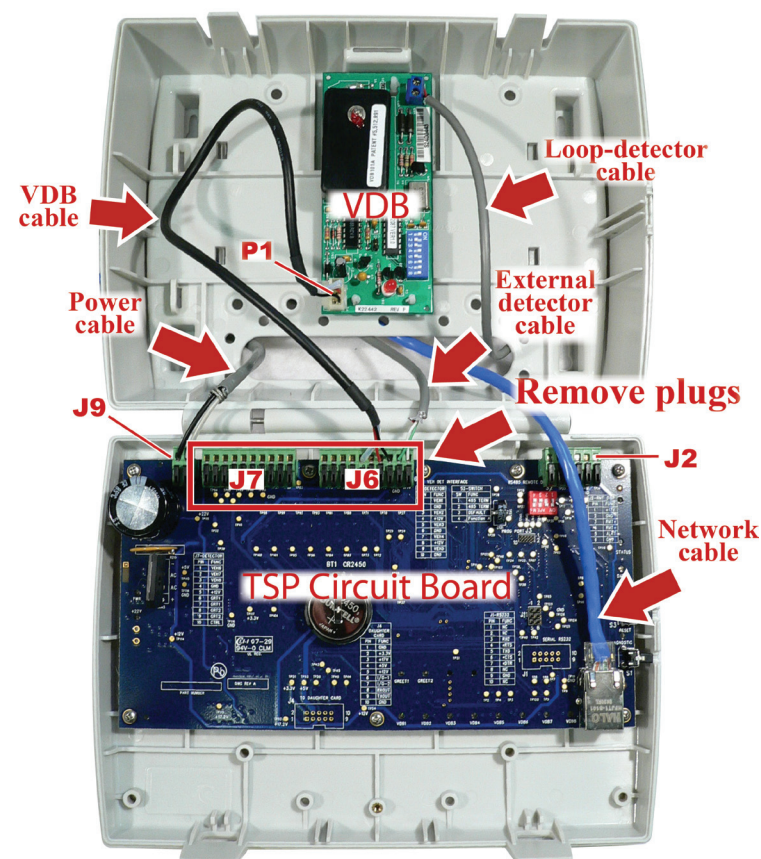


DO NOT CONNECT TO THE CUSTOMER NETWORK YET!

13 Connect TSP cables

- Repeat the following connections for each optional VDB and loop detector.
 - Connect loop detector cable to TB1.
 - Connect VDB cable connector to P1.
 - Remove J6 and J7 connector plugs from TSP circuit board and make the following connections. Do not reconnect J6 and J7 connector plugs until step 18.
 - Connect VDB cable to J6 on TSP circuit board according to the J6 pin diagram on the board; white = GND, red = +12V, black = VEH.
 - Connect external vehicle detectors to remaining VEH and GND connector pins on J6 and J7 (no power connections).
 - Connect outbound audio to J7 as follows; pins 6 and 7 = Greet 1, pins 8 and 9 = Greet 2.
 - Connect power adapter cable wires to J9 connector on TSP circuit board. Connect wires at other end of cable to the AC connectors on the power adapter.
- IMPORTANT:** Do not plug in the TSP power adapter until step 16.

TSP Cable Connections



14 Mount remote displays and connect the cable from the TSP to remote displays

Optional

- If remote displays have been included with this ZOOM® system, install them according to the remote display installation instructions.
- Connect a 4-wire shielded cable to the TSP, J2 connector and the connector on top of the remote display as follows:

	Pin	Wire Color	Signal
TSP J2 –	1	Red	+17VDC
	2	Green	RMT+
	3	White	RMT–
	4	Black	GND
Remote –	1	Red	12VAC
	2	Green	RMT+
	3	White	RMT–
	4	Black	12VAC

15 Mount alarm light or buzzer and connect the cable from alarm to TSP

Optional

- If an alarm light or buzzer will be used with the ZOOM® system, install it according to its installation instructions. **NOTE:** The alarm must be +12VDC, 250mA.
- Connect a 4-wire shielded cable to the TSP, J2 connector and the connector on top of the remote display as follows.

16 Turn on the power

- Be sure all equipment is mounted and ready before turning on.
- Connect TSP power adapter into an outlet.
- Press the power button on front of the monitor.
- The control unit will automatically power on when power is connected.

17 Follow installation instructions on the monitor

- If installation instructions do not appear on the monitor, check all of the cable connections to be sure they are secure.
- Be sure the control unit and monitor are turned on.
- If installation instructions still do not appear on the monitor, call HME Technical Support at 1.800.848.4468.

18 Plug the connectors back into J6 and J7 on the TSP circuit board

Radio and Television Interference FCC Regulation

This device complies 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. This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communication. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

Industry Canada (IC)

This device complies with Industry Canada license exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device. This device complies with Health Canada's Safety Code. The installer of this device should ensure that RF radiation is not emitted in excess of the Health Canada's requirement. Information can be obtained at http://www.hc-sc.gc.ca/ewh-sem/pubs/radiation/radio_guide-lignes_direct-eng.php "Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment."

Waste Electrical and Electronic Equipment (WEEE)

The European Union (EU) WEEE Directive (2002/96/EC) places an obligation on producers (manufacturers, distributors and/or retailers) to take-back electronic products at the end of their useful life. The WEEE Directive covers most HME products being sold into the EU as of August 13, 2005. Manufacturers, distributors and retailers are obliged to finance the costs of recovery from municipal collection points, reuse, and recycling of specified percentages per the WEEE requirements.

Instructions for Disposal of WEEE by Users in the European Union

The symbol shown below is on the product or on its packaging which indicates that this product was put on the market after August 13, 2005 and must not be disposed of with other waste. Instead, it is the user's responsibility to dispose of the user's waste equipment by handing it over to a designated collection point for the recycling of WEEE. The separate collection and recycling of waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local authority, your household waste disposal service or the seller from whom you purchased the product.

