Waiter ECC

WALL MOUNT PLATE

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www.WaiterECC.com

DESCRIPTION

The Waiter ECC touchscreen is normally mounted in the same location as the original Intellitec operator panel. The original opening is to small and will prevent the touchscreen from resting flush against the wall. The opening must be made taller by approximately ¼ inch. A template is included in the upgrade kit to test and mark the opening required. The template can also be downloaded from web site.

The touchscreen rests on the bottom of the opening with its back recessed inside the wall. Its held in place by two Velcro strips adhered to the wall and the touchscreen.

On rare occasions two issues have come up:

1) The space inside the hollow wall isn't deep enough for the rear of the touchscreen to recess into.

2) The Velcro adhesive pulls away from the wall, or pulls the cover material (wall paper, etc) away from the wall.

In either case, its up to the installer to adapt the installation and provide a solution to this problem, i.e. a frame, spacer, backing plate, etc..

WALL MOUNT PLATE

To assist installers with a ready made option, we've developed a wall mount frame/plate that provides a more stable wall mount and adds some addition clearance on the rear of the touchscreen.

The wall plate was developed using the web based 3D authoring tool TinkerCAD, we've the file available to the public to download, modify, and 3D print if you have that capability.

We use a fine detail .04 mm nozzle that takes a little over 8 hours to print using PLA filament.

https://www.tinkercad.com/things/fSNhGQjsU38-rpi-touchscreen-wall-mount

You can also order the complete kit from our web site. The kit includes:

- 3D printed wall plate w/Velcro strips
- 4 each #8 flat head screws
- 4 each #8 flat speed nuts

INSTALLATION

1) TEST FIT - Verify the opening in the wall is at least the same size as the opening in the back of the wall plate.

2) SECURE PLATE TO WALL - Ensure the wall plate is oriented with the TOP side up. Level the wall plate over the opening and install the four #8 screws. If the screws are going into a thin wall, you can use the metal speed nuts on the inside of the wall, but make sure the wiring doesn't get pinched between the speed nuts and the wall..

3) SECURE TOUCHSCREEN TO WALL PLATE - Remove the backing from the Velcro tape that's installed on the wall plate.

Connect the temperature sensor wires and the Yellow/Brown power wires to the touchscreen.

Insert the touchscreen into the wall plate. Press firmly on the sides and top to get a good adhesion to the Velcro tape.