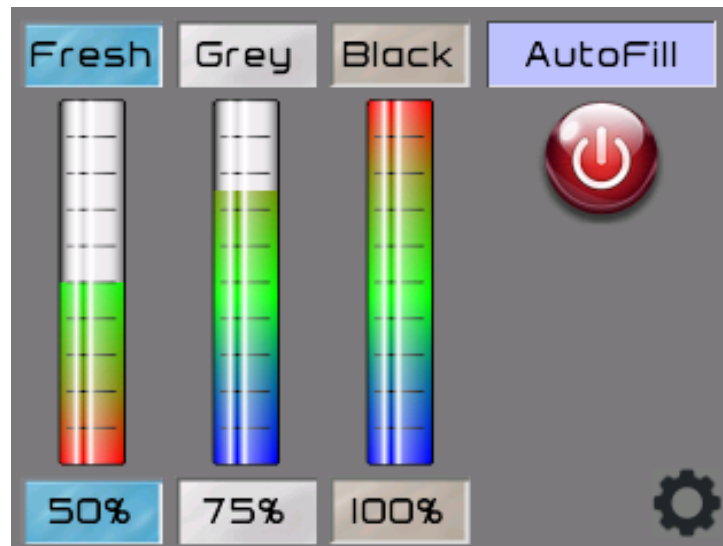


YJ-TTP Touch Panel User and Installation guide

Rev1

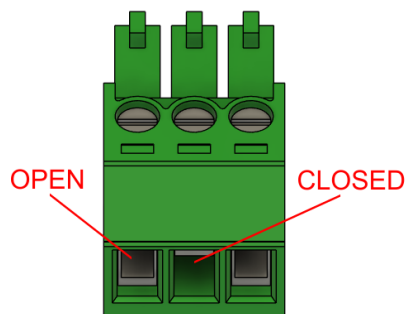
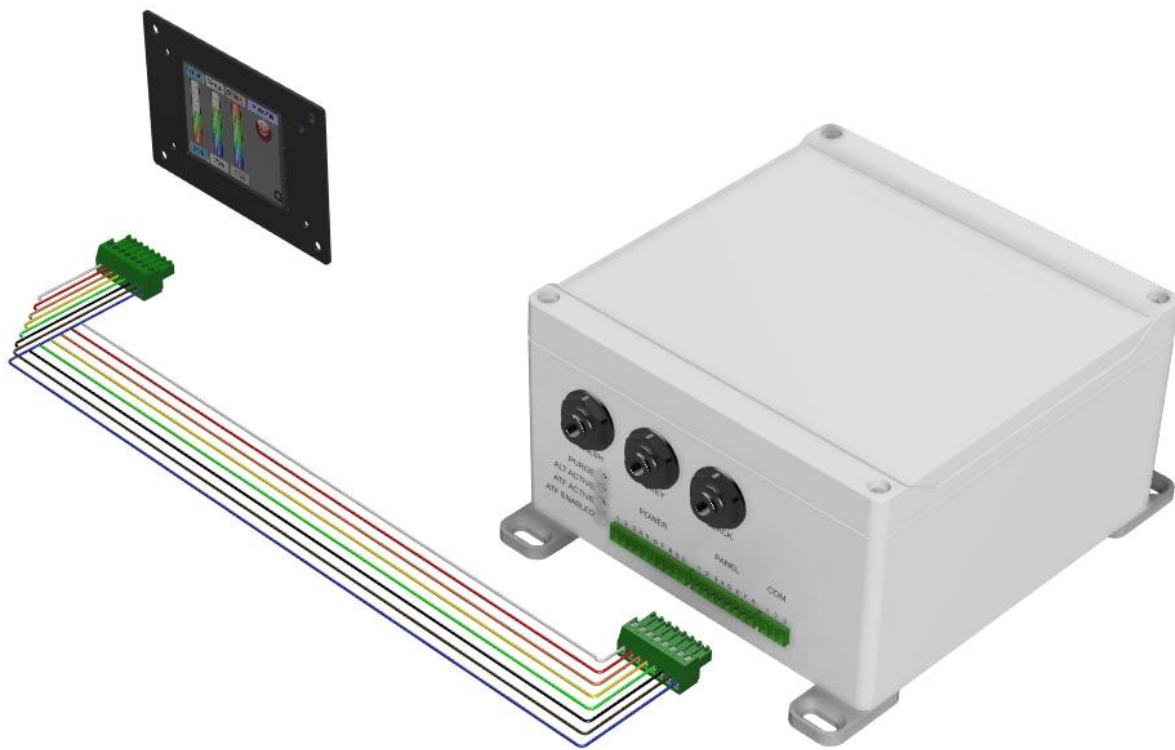


- For use as a secondary Panel (analog).
- Can connect in parallel 2 additional analog panels.
- Optional Temperature/Humidity sensor.
- Can fine adjust tank levels to match all panels.
- Can be used to adjust tank depths in YJ-TMS unit using optional Programing cable.
- Direct replacement for the YJ-TLED bar graph panel – same size cutout.
- Can be mounted Horizontal (default) or Vertical. Specify when ordering.
- Two display themes to choose from.
- Enters Sleep mode after 5 minutes – touch screen to wake up.
- Easy wire connections – pre-made wire harness also available.

Wire connections to Panel port

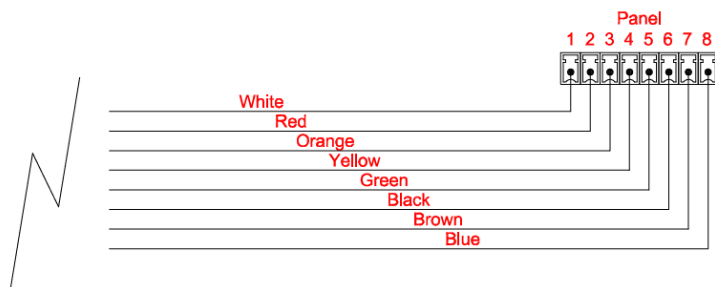
Connect the YJ-TTP display to the PANEL connector of the YJ-TMS Tank Monitor System.

Connect to the YJ-TMS box using matching wire colors (recommended) with at least 22awg wire or larger. Pre-made harness to specified length is also available.



Open each screw clamp with a small flat screwdriver. Strip wire approximately $3/16'' - 1/4''$. Insert stripped end into the screw clamp and tighten screw. Use of wire ferrules recommended. Be sure clamp is OPEN before inserting wire. Make parallel connections for additional panels.

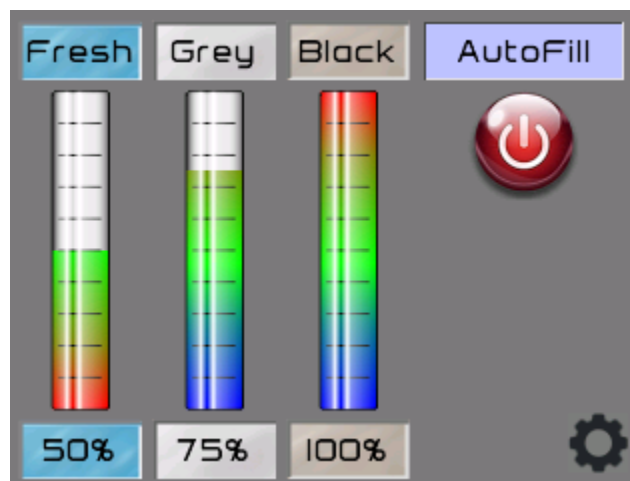
3-Pin shown for reference



Wire each connector Identical

Note: the green wire is not used and would not need to be connected.

Once all connections are made, power up the TMS unit and you should see the following screen after boot up.



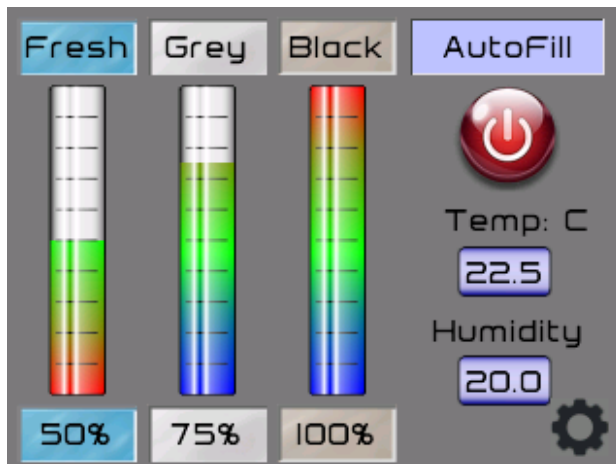
Touch AutoFill button to toggle the AutoFill (if installed) ON or OFF. Button will turn blue when ON.

If levels differ from the Main panel, match the main display panel by first filling tanks to 100% or until main display panel shows 100%. Press and hold corresponding tank level bar for 3 seconds and level will auto-adjust to 100%. To reset all levels to default, press and hold the Auto-Fill button for 3 seconds. Tank levels will return to default. *This effects levels on this display panel only.

Touch the gear Icon in the lower right corner to select Themes on the Settings Page.

NOTE: Because the panel uses analog voltage to read tank levels, the values may vary from panel to panel by a few %.

If Optional Temperature sensor is installed, Temperature and Humidity will appear below the AutoFill button.



Touch the 'Temp: C' display to change to Fahrenheit.

SETTINGS:



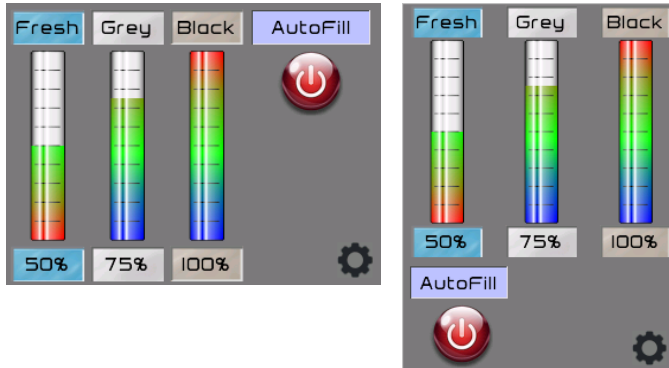
Select Theme

Theme 2



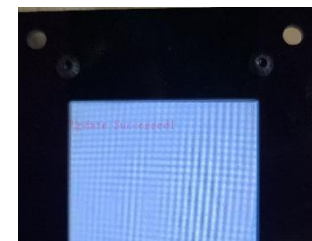
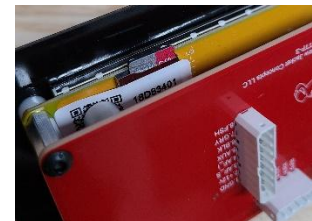
Changing the Orientation of the Panel.

The YJ-TTP can be mounted Horizontally or Vertically.



To change the orientation, (or to install updates)

1. Download the required file from www.yellowjacketconcepts.com/TankMonitorDownloads.htm
2. Save file to a Micro SD card.
3. Remove power from the YJ-TMS system.
4. Insert Micro SD card in card slot on the YJ-TTP panel.
5. Re-connect power to the system.
6. The YJ-TTP Panel will update to the new file. Once complete, remove power from the system and remove the SD card from the Panel.
7. Re-connect power. The Panel should now display the new orientation installed.



NOTE:

MicroSD card must be 32GB or less, class 10 HC. Windows formatted as FAT32 and no other files on the card. Make sure power is removed before inserting or removing the SD card.

Not all manufacturers adhere to the same standards. If the MicroSD card fails, try a different brand, size, or class.

Setting Tank Depths

The YJ-TTP panel is set up to be used as an analog panel, however it can be used to set the Tank depths with a temporary connection using the TTP-PROG programing cable.

To set tank depths.

1. Disconnect power from the YJ-TMS system.
2. Connect the TTP-PROG cable to the PROG connection on the back of the YJ-TTP panel. Connect the other end to the COM port on the YJ-TMS. Note: leave the PANEL cable connected.
3. Reconnect power to the System. The following screen should appear after powerup.
4. Touch each box will bring up a number pad to enter the tank depth. Enter each depth as inches, For example "32.4".
5. Enter the Tank Depth value for each tank, then press SET. The entered values will be transferred to the TMS system.
6. Once complete, disconnect power and remove the Programing cable.
7. Reconnect power.

Touch each corresponding box and enter Inch value for each tank then Press SET after all Values have been entered. See Instructions

For panel customization, questions or suggestions contact

gjb@yellowjacketconcepts.com

Cutout for YJ-TTP Horizontal or Vertical

