

## OptimizIR 2.0 Display Upgrade Installation

Tools Needed:

- #1 Phillips head screwdriver
- 1/16" allen key



steppIR
COMMUNICATION SYSTEMS

## Removal of old display:

- Before starting record any custom settings. Create/modify settings, transceiver setup settings, and custom options.
- Remove SD card if present (circled in yellow) by pressing it in. The SD card will eject if done properly.
- The SD card PCB is not used with the 2.0 version controller and can be left on the original OptimizIR display board (only applicable to older controllers). These pins will be used for a different expansion board on the OptimizIR 2.0 in the future.



• Remove the four (4) 4-40 Phillips head screws. Two (2) on each side (circled in yellow).



Revision 1.0.1 01/18/2024



• Remove top cover by lifting straight up. There should be little to no resistance, if it is not moving verify the SD card has been removed.



Locate the two (2) black Allen head screws located below the K1 and K2 knobs (circled in yellow). Remove front display panel by removing the two (2) screws.







• Disconnect the ribbon cable from the driver board by pulling straight up. You may need to wiggle it side to side (length wise) to assist the plug out of the header.



• Remove the front panel by lifting straight up.





• Reassemble the controller in reverse order. Be sure to **firmly** press the new ribbon cable connector into its header.



- First power up the controller without connecting the antenna control cable. Confirm and re-enter any custom settings. Ie: Create/modify settings, transceiver setup settings and custom options. Check that you have the correct antenna type and options selected on the new display board and that the controller thinks that the antenna is in the retracted (home) position before connecting the antenna control cable.
- Remove the power cord from the back of the controller. Connect the antenna control cable to the controller then the power cord.
- Good DX

