



SHIVERS LINK
641AE-001A (2G/3G) OR 641AU-001A (4G)
FIELD INSTALLATION INSTRUCTIONS FOR COMMAND CENTER
(SEE NEXT SECTION FOR CONVERT INSTALLATION)



DISCONNECT AND LOCK OUT POWER TO THE ENTIRE DRYING SYSTEM BEFORE OPENING THE MAIN COVER ON THE CONTROL BOX.

1. Open the front cover from the Shivers CompuDry Command Center.
2. Remove one of the knock-outs in the bottom of the control box or make a new hole, if required.
3. Insert the black plastic cord grip in the open hole. Secure with the supplied locknut.
4. Remove the plastic nut and compression sleeve from the end of the plastic cord grip and slide the two antenna cables (brass end) through the plastic nut. Slide the compression sleeve over the two cables. Re-install nut back to the cord grip but do not tighten yet.
5. Fasten the antennas to the 2 ports on the blue modem marked "CELL" and "AUX".
6. Mount the assembly into the CompuDry Command Center by placing the plate over the 4 bolts in the lower right hand area of the CompuDry Command Center. Secure with the 4 nuts supplied, ensuring the antenna ports are pointing upward. If a transformer assembly is already installed in this location, it will need to be relocated, possibly into another enclosure.

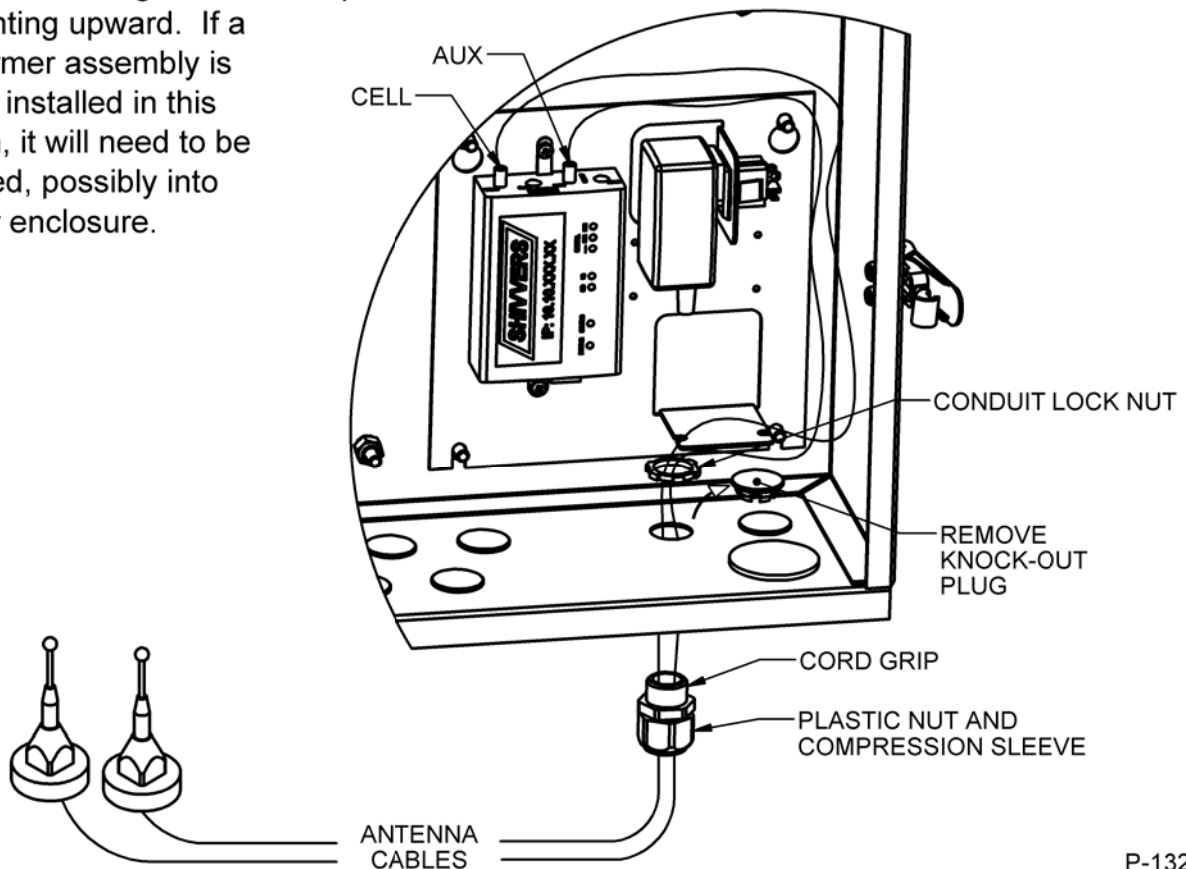


FIGURE 1

7. Remove the cover plate from the bottom of the Plenum Control by removing the 2 screws holding it in place. See FIGURE 1.

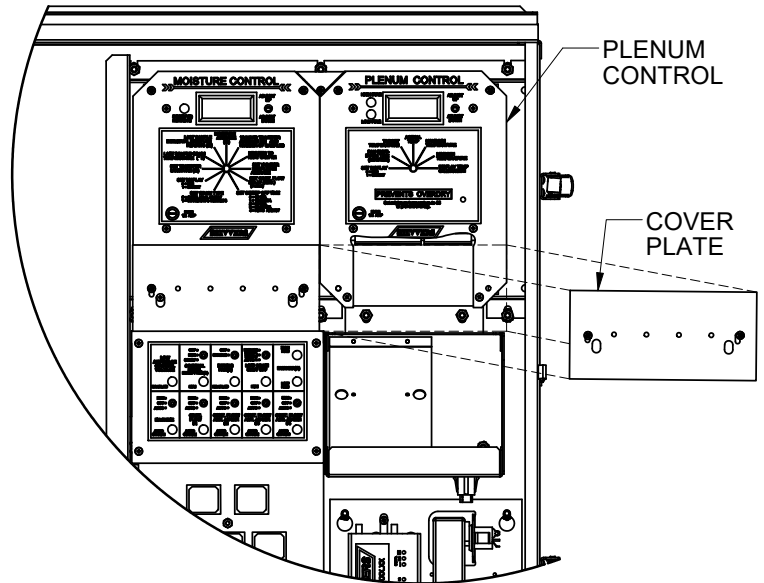
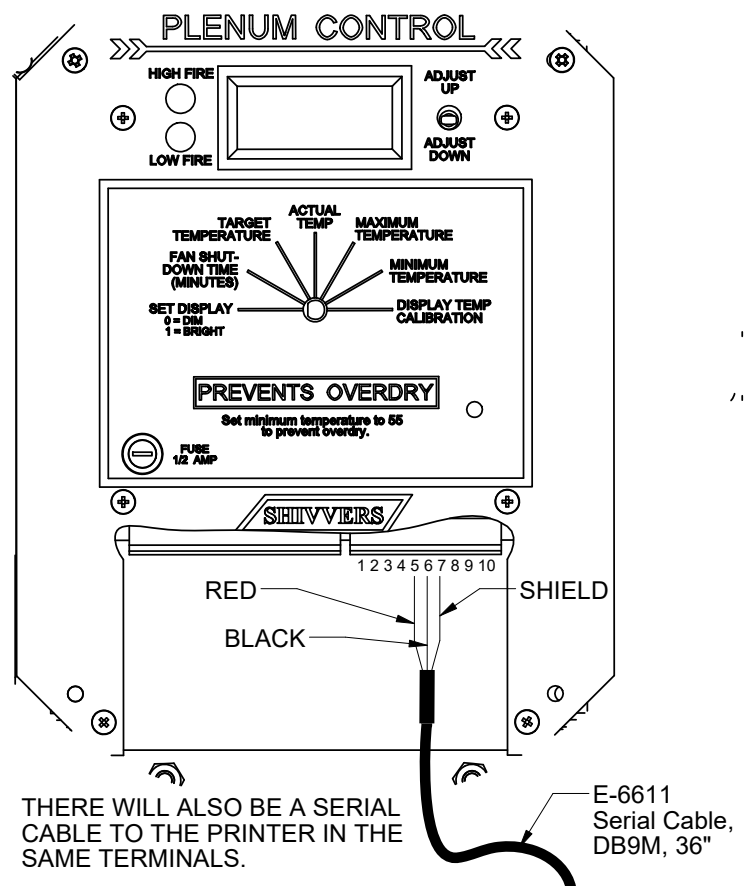


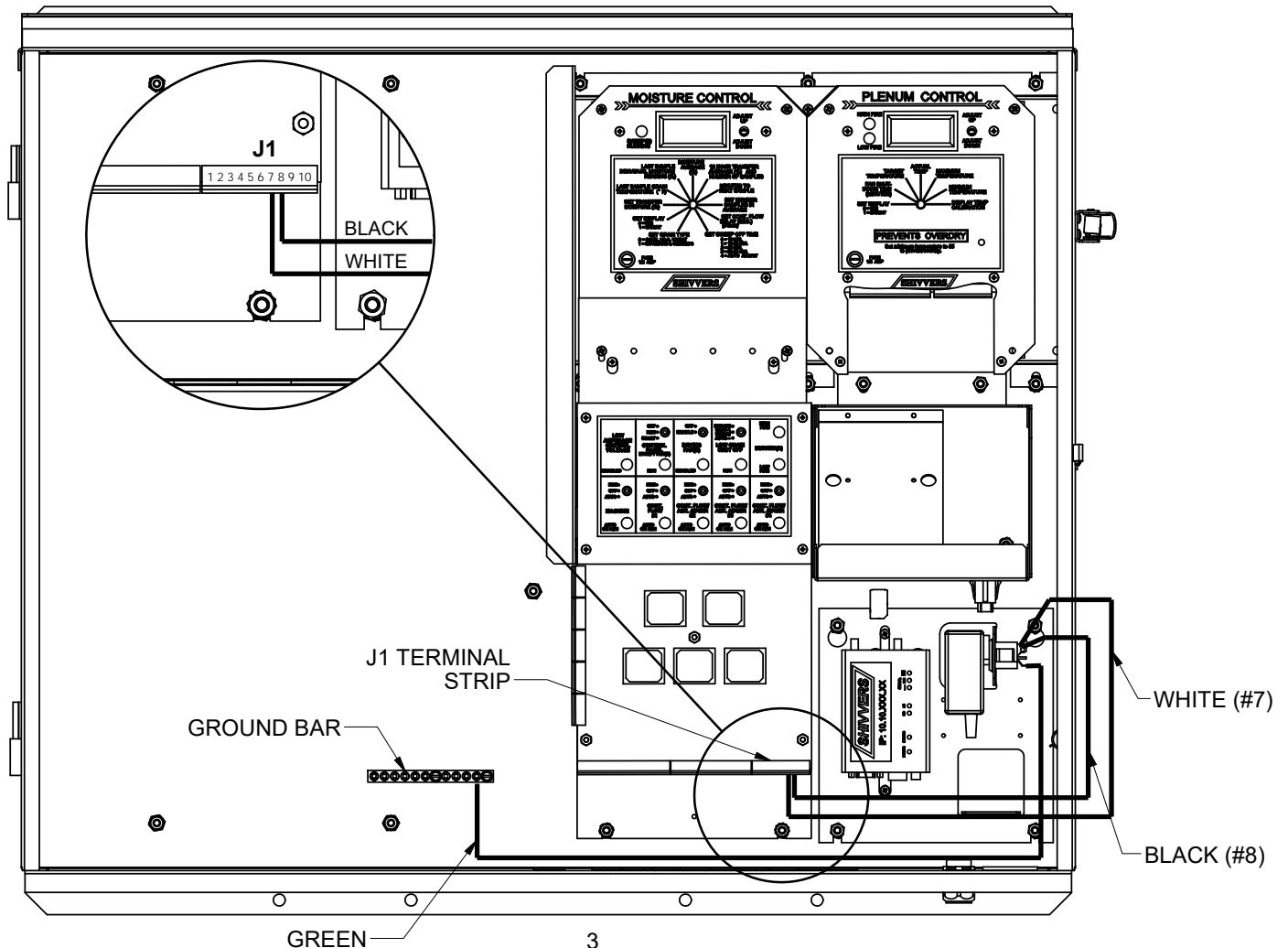
FIGURE 2

8. The device gets its signal and power from the same terminal locations as the printer in the CompuDry Command Center. For signal, connect the gray serial cable to the modem at RS-232 and to the terminal block under the Plenum Control Module of the CompuDry Command Center. Connect the red wire to #5 of the 10 pole plug on the bottom of the Plenum Control. Connect the black wire to #6 of the 10 pole plug on the bottom of the Plenum Control. Connect the shield wire to #7 of the 10 pole plug on the bottom of the Plenum Control. See FIGURE 2.



9. Connect the power wires from the appliance inlet to the 10 pole J1 terminal strip. (J1 terminal strip is located on the lower right of the switch relay panel.) Connect the black wire to terminal #8. Connect the white wire to terminal #7. NOTE: Printer wires will already be in terminals #7 & #8, so it may be necessary to add short black and white wires to the terminal strip and wire nut them to the printer and modem power wires. When finished wiring you should have 2 white wires going to terminal #7 and 2 black wires going to terminal #8. Connect the green ground wire to the ground bar. SEE FIGURE 3.
10. Route all wires to the side and bottom of the CompuDry Command Center, keeping clear of any contact with electrical components.
11. Place one of the magnetic mount antennas on each side of the top of the CompuDry Command Center and secure the antenna wire with wire clips or wire ties (not provided).
12. Remove any excess slack in the antenna wires by pulling the wires back through the black cord grip to the inside of the CompuDry Command Center and tighten the black nut squeezing the compression sleeve on the antenna wires.

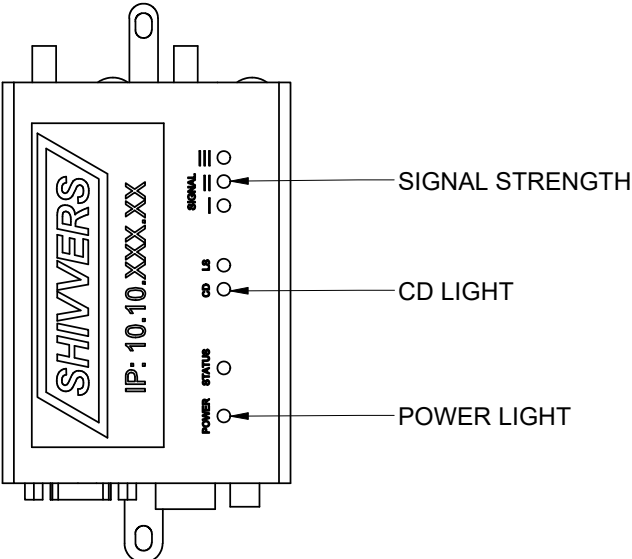
FIGURE 3



13. Turn the power back on. The modem will not power on until the CompuDry Command Center has been started and the plenum module is active. The green power light on the modem should light up. Other lights on the modem will blink on and off as the modem initializes and gets its required information from the network. Check for a green CD (Carrier Detect) light on the modem. **It could take up to 5 minutes for this light to come on.** If the CD light is not on, try repositioning the antennas. If the CD light still does not come on, YAGI high gain antennas may be required. See Accessories list at the back of this manual.

14. Contact IT Department at Shivvers to ensure the device has been properly registered on the network.

15. Replace the cover plate from the Plenum Control and close the front cover on the CompuDry Command Center.



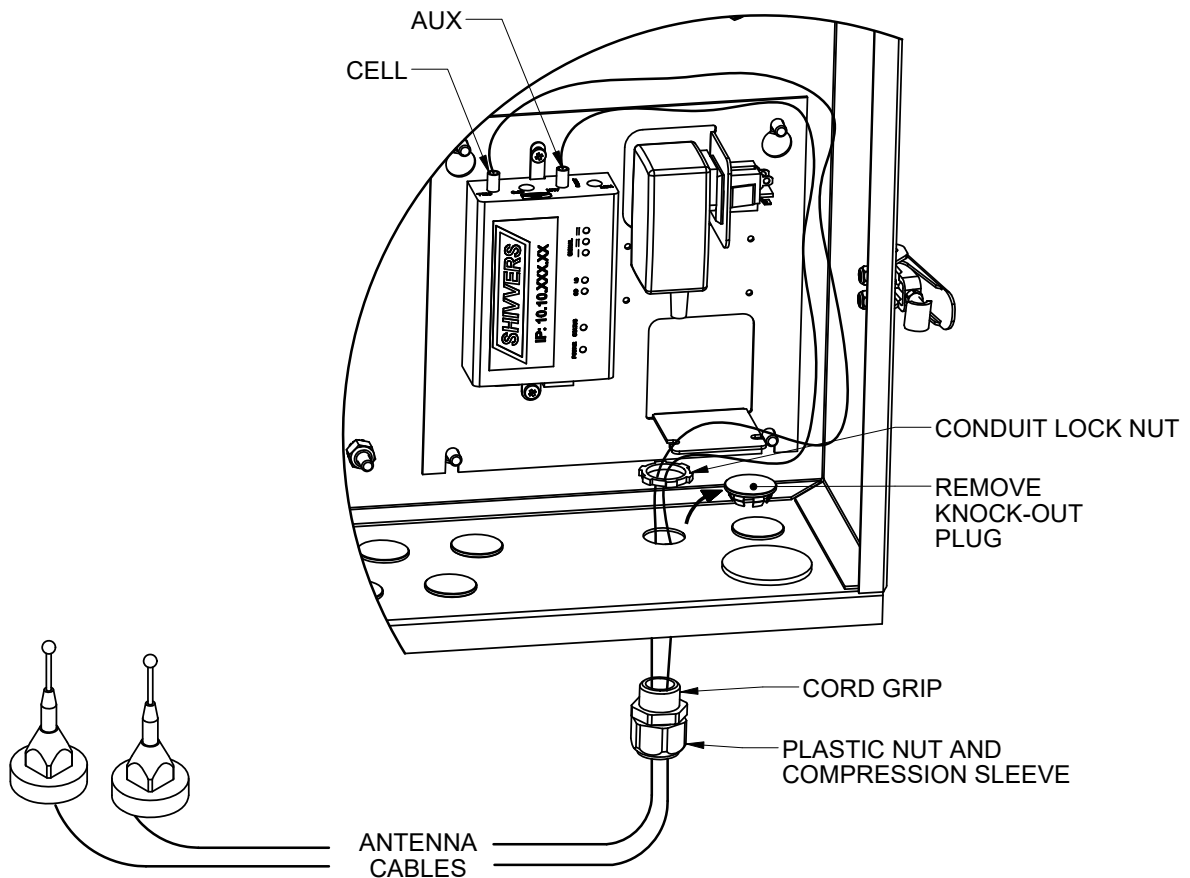
FIELD INSTALLATION INSTRUCTIONS FOR CONVERT

(Convert is the panel that updates a Command Center to a touchscreen control)

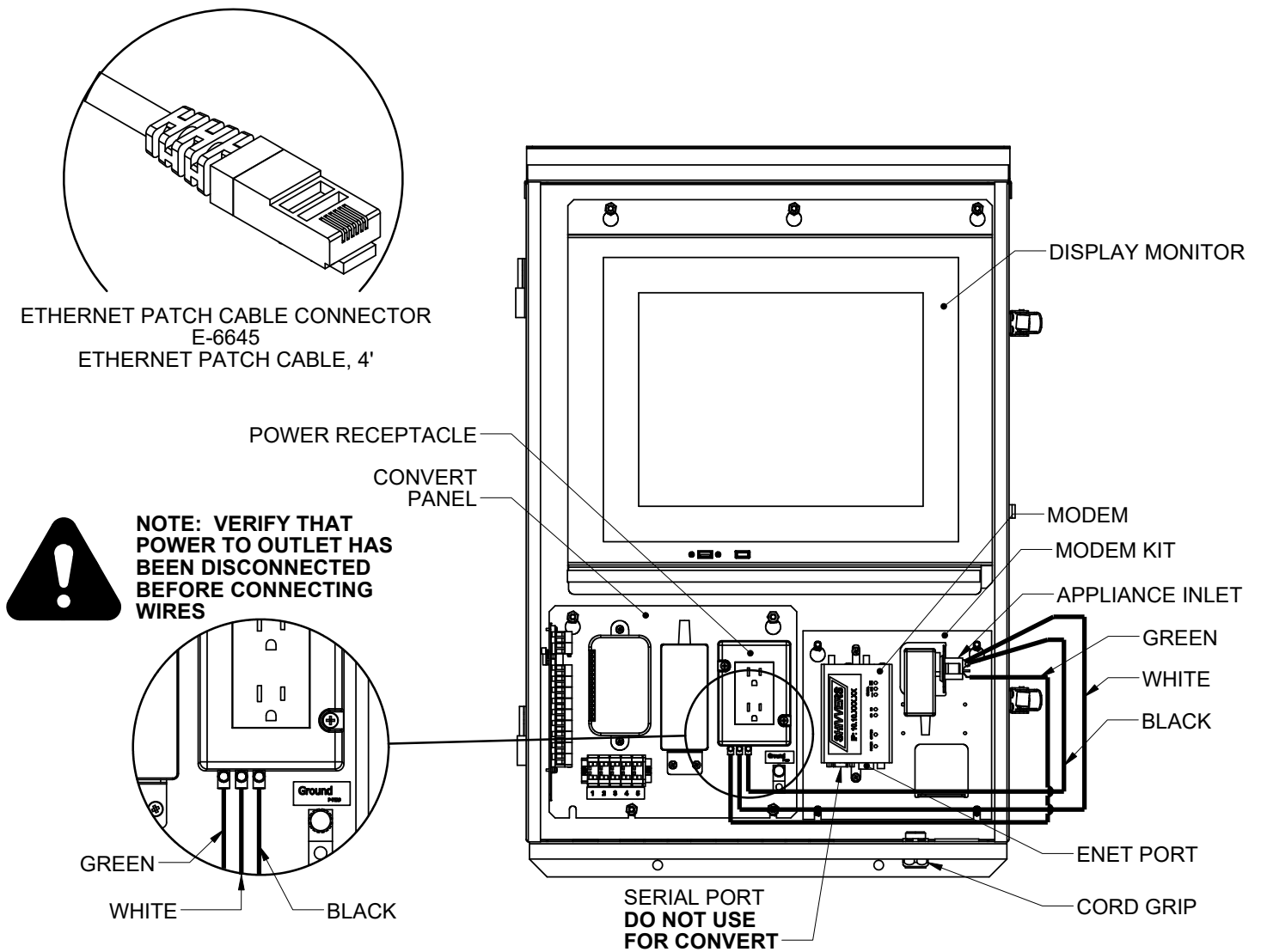


DISCONNECT AND LOCK OUT POWER TO THE ENTIRE DRYING SYSTEM BEFORE OPENING THE MAIN COVER ON THE CONTROL BOX.

1. Open the front cover from the Shivers Convert control box.
2. Remove one of the knock-outs in the bottom of the control box or make a new hole if required.
3. Insert the black plastic cord grip in the open hole. Secure with the supplied locknut.
4. Remove the plastic nut and compression sleeve from the end of the plastic cord grip and slide the two antenna cables (brass end) through the plastic nut. Slide the compression sleeve over the two cables. Re-install nut back to the cord grip but do not tighten yet.
5. Fasten the antennas to the 2 ports on the blue modem marked "CELL" and "AUX".
6. Mount the modem assembly into the Convert control box by placing the plate over the 4 bolts in the lower right hand area of the Shivers Convert. Secure with the 4 nuts supplied, ensuring the antenna ports are pointing upward.



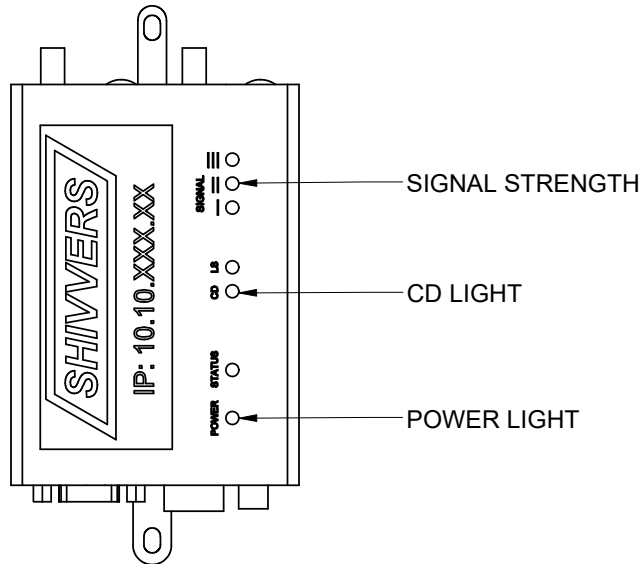
7. Connect the power wires from the Appliance inlet on the modem kit, to the terminal block at the bottom of the power receptacle on the Convert panel in the bottom left corner. Green on left, white in middle, and black on right.
8. Attach the factory installed ethernet patch cable from the back of the display monitor to the ENET port at the bottom of the modem. **(NOTE: The 36" gray serial cable (with 9 pin male connector) included in the kit will not be used on a Shivvers Convert. It is only used for Command Center installations.)**
9. Route all wires to the side and bottom of the Shivvers Convert, keeping clear of any contact with electrical components.
10. Place the magnetic mount antennas on each side of the top of the Shivvers Convert and secure the antenna wire with wire clips or wire ties (not provided).
11. Remove any excess slack in the antenna wires by pulling the wires back through the black cord grip to the inside of the Shivvers Convert and tighten the black nut squeezing the compression sleeve on the antenna wires.



12. Turn the power back on. The green power light on the modem should light up. Other lights on the modem will blink on and off as the modem initializes and gets its required information from the network. Check for a green CD (Carrier Detect) light on the modem. **It could take up to 5 minutes for this light to come on.** If the CD light is not on, try repositioning the antennas. If the CD light still does not come on, YAGI high gain antennas may be required. See Accessories list at the back of this manual.

13. Contact IT Department at Shivvers to ensure the device has been properly registered on the network.

14. Close the front cover on the Shivvers Convert.



LINK ACCESSORIES

PART #	DESCRIPTION
641AQ-001A	HIGH GAIN YAGI ANTENNA WITH 25' CABLE
641AR-001A	HIGH GAIN YAGI ANTENNA WITH 50' CABLE
641AS-001A	BATTERY BACK-UP KIT (FOR COMMAND CENTER ONLY THIS KIT WILL SEND A TEXT ALERT IF CONTROL POWER TO THE COMMAND CENTER IS LOST DUE TO INCOMING POWER FLICKER OR MOTOR OVERLOAD TRIP.