P R O D U C T   A P P L I C A T I O N   N O T E

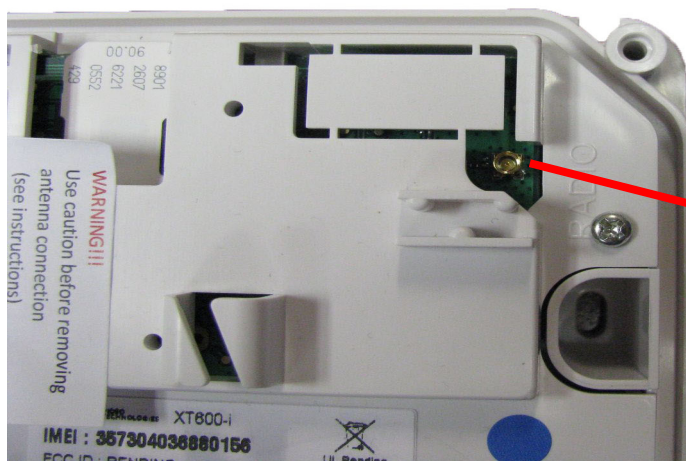Manufactured by RSI Video Technologies   April 2011

The RSI - XT600 Series Control Panel can have its' transceiver radio antenna externally connected to a high-gain 900MHz Omni-directional antenna. For outdoor installations the control panel should be mounted in a NEMA 4-X enclosure for protection from the elements. Any additional range seen is dependent on the local noise floor, distance between devices, obstructions such as metal barriers, etc.
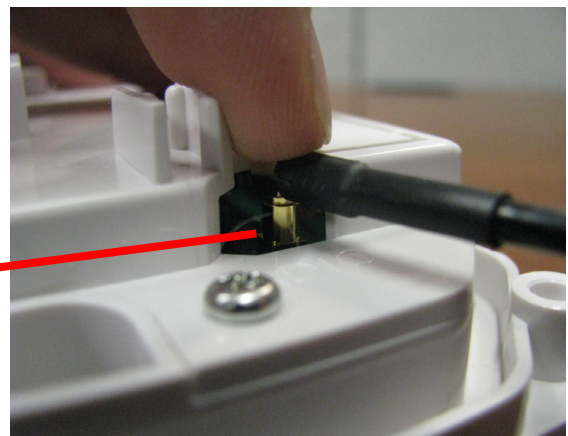
Note: This modification will not cure all RF range problems

Before you begin, be aware of static discharge as it can damage certain circuit board parts. It is recommended to wear a static wrist guard that is properly grounded when working directly with RSI electronics.
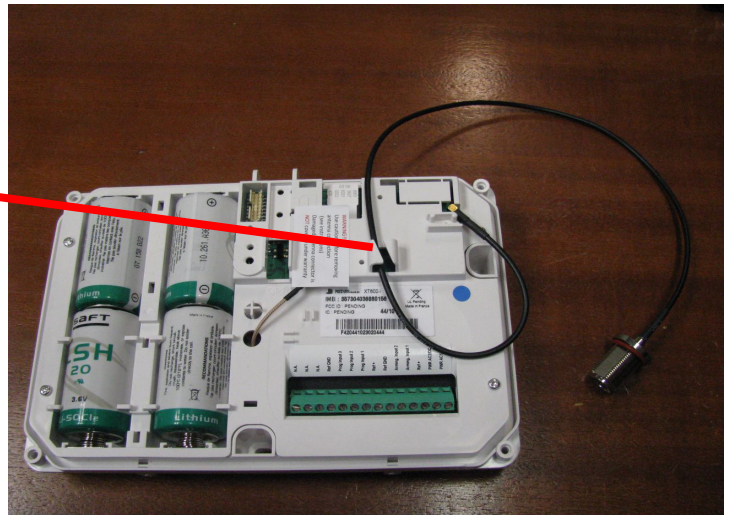
19" Pigtail Right-angle MMCX plugs in the 'RADIO' location on the XT Control Panel. This plug must not get loose or you will lose reception.
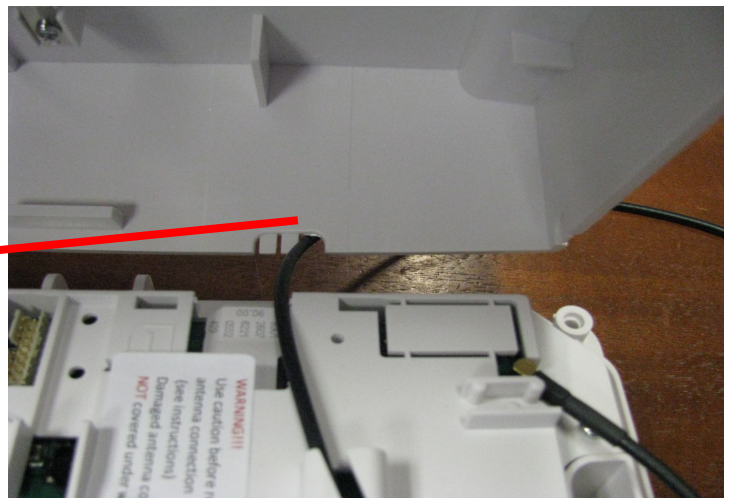
When plugging in the connector you must be careful to press straight down in order to make a proper connection.
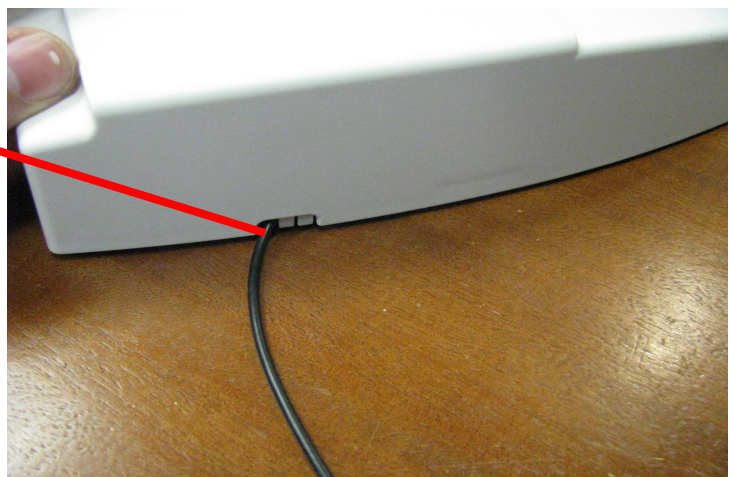
Run the cable along the panel and loop it back through the cable management slot and down the outside of the panel.

Remove a single tab from the cover of the XT control panel in order to not pinch the cable.

Carefully place the cover on the control panel making sure that the cable is not going to be pinched anywhere.

FULL ASSEMBLY INSTRUCTIONS

1. Remove the control panel top cover by removing the two screws on the side. DO NOT INSTALL THE BATTERIES

2. Plug in the MMCX end of the 19'' pigtail onto the 'RADIO' connection on the panel and feel it snap into place. (Page 1)

3. Route the new mini coax cable down and back up the middle through the cable management slot (Page 2)

4. Remove a single tab from the cover to allow the cable through without being pinched

5. Place the cover on the control panel to test that the cable is routed correctly and nothing gets pinched.

9. Visually inspect your work for any damage to the coax cable.

NOTE: Radio range tests will be at a limited distance until the antenna is turned on in programming

HOW TO TURN ON THE EXTERNAL ANTENNA

1. From the DISARMED LVL, press the RIGHT arrow to move to ACCESS LEVEL # and press YES

2. Use the RIGHT arrow to move the level to 4 and press YES

3. With the display showing BADGE OR CODE, enter the installer code + YES

4. Press the RIGHT arrow key to move to CONFIGURATION and press YES

5. With the display showing BADGE OR CODE, enter the installer code + YES

6. Display shows GENERAL PARAMETERS, press YES

7. Display shows SITE IDENTIFICATION, press the LEFT arrow until you see RADIO OPTIONS and press YES

8. Use either arrow key to change the parameter to say EXTERNAL ANTENNA and press YES

9. Press and hold the ESC/NO button for 5 seconds to bring you back to the main screen

Parts List:

CA-3N010- 10' 240 Series N-Male to N-Male Coax - L-Com Technologies

HGV-906U - 6dBi Omni Directional 900MHz Antenna

CA-MMNFBCN19 - 19'' N-Female to MMCX Mini Coax - L-Com Technologies

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