



M2115RCU Radio Control Unit Installation Procedures (by model)

M2115RCU-BNC

Choose a location where:

- No metal or other conductive particles could come in contact with the printed circuit board of the M2115RCU-BNC radio control unit.
- No fluids could splash onto printed circuit board of M2115RCU-BNC.
- Unit will not be exposed to severe temperature changes. (Near furnaces or air conditioners.)
- Connect relay and power wires to green connector. If unit is configured for AC Power, connect your power ground to the plate Ground Stud.
- Connect antenna to printed circuit board BNC RF connector using adapter, (included).

M2115RCU-ALC

The aluminum case contains external terminal boards on rear of the unit and an antenna input BNC connector on front.

1.) Remove the four case screws and mount the case to an appropriate mounting fixture so that the unit is secure before connecting wires.

2.) Connect control relay wires to external 9 pin terminal strip as follows:

- Pin 1: K1-NO
- Pin 2: K1-C
- Pin 3: K1-NC
- Pin 4: K2-NO
- Pin 5: K2-C
- Pin 6: K2-NC
- Pin 7: K3-NO
- Pin 8: K3-C
- Pin 9: K3-NC

3.) Connect power wires to 3 pin terminal strip.

If connecting M2115RCU-BNC to 10-30VDC

- Pin 1: DC + (pos)
- Pin 2: DC - (minus)
- Pin: GND (earth ground)

If connecting M2115RCU-BNC to 115VAC

- Pin 1: AC-Line
- Pin 2: AC-N
- Pin 3: AC-GND

4.) Connect antenna to printed circuit board BNC RF connector using provided adapter.

M2115RCU-STC

- 1.) Install case to appropriate mounting fixture.
- 2.) Install control relay and power wires through the NEMA case and attach to green PCB mating connector as follows:

Pin 1: K1-NO

Pin 2: K1-C

Pin 3: K1-NC

Pin 4: K2-NO

Pin 5: K2-C

Pin 6: K2-NC

Pin 7: K3-NO

Pin 8: K3-C

Pin 9: K3-NC

Pin 11: AC-N (for DC configuration, connect to -DC)

Pin 12: AC-Line (for DC configuration connect to +DC)

- 3.) Connect power input Ground to enclosure ground terminal board.
- 4.) Install antenna to exterior UHF feed thru connector on NEMA enclosure.

M2115RCU-FGC

Installation procedure is same as that for M2115RCU-STC. See procedure above.