

Series 3 Technician's Installation and Service Training Manual

Linear Mega-code / Delta 3 Receiver Installation and Wiring Instruction



Warning Electrical Shock Hazard

To prevent serious injury or death always ensure power is disconnected when wiring anything into the ZAP Controller.

Materials required

Linear receiver, Linear transmitter, 16-20 awg 3 conductor cable.

Tools required

Small technicians slotted screwdriver

Isolate the power supply before wiring any device into a ZAP Controller.

It is feasible to mount the Linear receiver inside the case lid of the ZAP Controller. Ensure it is positioned as shown in (Figure A). You may secure the receiver in place using double sided tape.

All wiring for the radio receiver onto the ZAP control board is connected to the radio wiring connections as indicated in (Figure B) and highlighted in red.

Terminal 1 (Common) on the Linear receiver (Figure C) is wired and terminated into the 0V connection on TB9. (Figure D)

If cyclic operation by radio control is desired, terminal 2 (Relay) on the Linear receiver (Figure C) is wired and terminated into the Radio connection on TB9. (Figure E)

If only an open function is required (If use of the auto-close timer is employed, it is recommended that only the open be used), wire terminal 2 of the Linear receiver (Figure C) to the open connection on TB3. (Figure F)

Wire terminal 3 (Radio Power) of the Linear receiver (Figure C) to the 24V Power supply, labeled 24V on TB9. (Figure G)

Restore the power supply and program your receiver per the radio control manufacturer's instructions.



Figure A

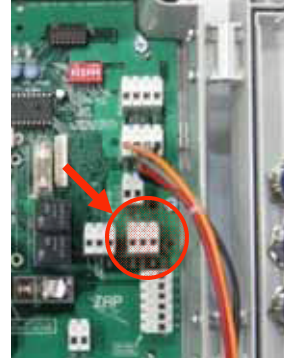


Figure B



Figure C



Figure D



Figure E

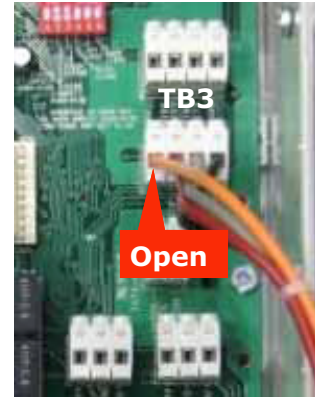


Figure F

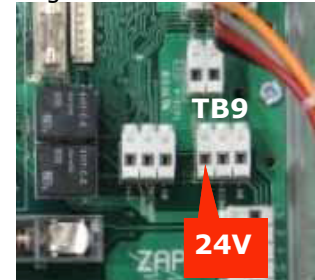


Figure G

ZAP Series 3 Simply Logical

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