

Wireless Remote Control System for 7 Applications!

INSTALLATION PROCEDURE

The receiver box should be located in an area where the on/off switch will be accessible. Mounting the receiver box within cabinetry works well. However, if you are mounting the box within a steel compartment it is recommended that you drill a hole in the steel and let the antenna hang out. Typical range with the wireless key fob is 50-100 feet, depending on where the receiver box is mounted.

All electrical connections that are made to the receiver box should be made with proper connectors. All wiring should be routed in areas that will protect it from road hazards and sharp edges. The receiver box should be installed so that the electrical connections are fully insulated and protected from objects that may come in contact with them causing an electrical short. All exterior wall switches should be weatherproof with protection (ex. sealant) on the back terminals.

BATTERY WIRING

- 1 12-Gauge RED (Main 12volt +dc power)** - Connect this wire to the battery positive terminal. *There is an automatic reset breaker inside the box. If this is tripped estimated time for it to reset itself is 10 seconds.*
- 2 12-Gauge BLACK (Ground 12volt -dc)** - Connect this wire directly to the battery negative terminal. *Improper grounding will cause malfunctions. Be sure ground is clean.*

MOTOR and LIGHT WIRING

- 3 14-Gauge PURPLE & PINK (ODS Slide)** - Cut the wires that connect this motor to the existing wall switch and connect the motor wires to the purple and pink wires individually. *The existing wires that are still connected to the wall switch will be used later.*
- 4 14-Gauge ORANGE & BROWN (Awning)** - Cut the wires that connect this motor to the existing wall switch and connect the motor wires to the orange and brown wires individually. *The existing wires that are still connected to the wall switch will be used later.*
- 5 14-Gauge BLUE & GREEN (ODS R Slide)** - Cut the wires that connect this motor to the existing wall switch and connect the motor wires to the blue and green wires individually. *The existing wires that are still connected to the wall switch will be used later.*
- 6 14-Gauge YELLOW & WHITE (DS Slide)** - Cut the wires that connect this motor to the existing wall switch and connect the motor wires to the yellow and white wires individually. *The existing wires that are still connected to the wall switch will be used later.*
- 7 16-Gauge RED/WHITE (Patio Light)** - Cut the wire that connects this light to the existing wall switch and connect the light wire to the red/white wire. *The existing wire that is still connected to the wall switch will be used later.*

MANUAL SWITCH WIRING

(Note - All Switch inputs must be grounds!)

A SPST (Single Pole Single Throw) momentary normally open switch is required

- 8 20-Gauge PINK (ODS Slide)** - Connect the manual switch wires from step 3 to this pink wire.
- 9 20-Gauge BROWN (Awning)** - Connect the manual switch wires from step 4 to this brown wire.
- 10 20-Gauge BLUE (ODS R Slide)** - Connect the manual switch wires from step 5 to this blue wire.
- 11 20-Gauge YELLOW (DS Slide)** - Connect the manual switch wires from step 6 to this yellow wire.
- 12 20-Gauge RED (Patio Light)** - Connect the manual switch wire from step 7 to this red wire.

The following wires are not used:

16 Gauge - Gray

20 Gauge - Red/Black,
Purple/Black, Gray/Black,
Orange/Black, Brown/Black,
Blue/Black, Green/Black,
Yellow/Black, White/Black

OPERATION

- Turn the on / off switch to the on position, to activate. This switch should be in the off position when the unit is not in use.
- On the key fob, depress and hold a button to operate the motor in one direction (ex. Out). Then by releasing the button and depressing the same one again, the motor will reverse directions (ex. In).
- The manual (wall) switch will function the same as the key fob buttons.
- By depressing buttons 3&4 at the same time you will turn on/off the patio light. Also, by depressing buttons 1&2 at the same time you can lock-out/turn-on buttons 1-4 on the key fob.
- Care should be taken not to overdrive the application. When the application reaches the end of travel, release the button/switch.
- In the event the application would need to be manually cranked, it may be necessary to unplug the motor wires from the receiver box. This is because, some motors will create excessive drag in the system when manually cranked and by unplugging the motor wires it will make it easier to operate.
- The top 4-buttons on the key fob is a "learning remote". In the event you would need another one, please contact Alta Resources. To program the 4-button: A) Press and hold program button on receiver (inside the box) until red LED starts flashing, then release program button. B) Press any button (1-4) on remote to be learned and LED on receiver will stop flashing and stay on, release button on remote. C) LED on receiver board will start flashing again. D) Repeat steps b & c for each addition remote to be learned or wait for approximately 10 second and LED will turn off indicating you have exited program mode.



Wireless Remote Control System for 7 Applications!

INSTALLATION PROCEDURE

The receiver box should be located in an area where the on/off switch will be accessible. Mounting the receiver box within cabinetry works well. However, if you are mounting the box within a steel compartment it is recommended that you drill a hole in the steel and let the antenna hang out. Typical range with the wireless key fob is 50-100 feet, depending on where the receiver box is mounted.

All electrical connections that are made to the receiver box should be made with proper connectors. All wiring should be routed in areas that will protect it from road hazards and sharp edges. The receiver box should be installed so that the electrical connections are fully insulated and protected from objects that may come in contact with them causing an electrical short. All exterior wall switches should be weatherproof with protection (ex. sealant) on the back terminals.

BATTERY WIRING

- 1 **10-Gauge RED** (Main 12volt +dc power) - Connect this wire to a 15 or 20 amp fuse (reset breaker) positive terminal. *The reset breaker must be installed within 18" of the battery and may be installed in the battery enclosure or compartment, provided this compartment is well ventilated.*
- 2 **10-Gauge BLACK** (Ground 12volt -dc) - Connect this wire directly to the battery negative terminal. *Improper grounding will cause malfunctions. Be sure ground is clean.*

MOTOR WIRING

- 3 **10-Gauge YELLOW & WHITE** (Bedroom Slide-Out) - Cut the wires that connect the slide motor to the existing wall switch. Connect one the motor wires to the yellow wire from the receiver box and the other motor wire to the white. *The existing wires that are still connected to the wall switch will be used later.*
- 4 **10-Gauge ORANGE & BROWN** (Front Landing Legs) - Cut the wires that connect the jack motor to the existing wall switch. Connect one the motor wires to the orange wire from the receiver box and the other motor wire to the brown. *The existing wires that are still connected to the wall switch will be used later.*

MANUAL SWITCH WIRING

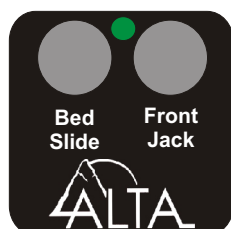
(Note - All Switch inputs must be positive!)

A SPST (Single Pole Single Throw) momentary normally open switch is required

- 5 **18-Gauge BLUE** (Bedroom Slide-Out) - Connect the manual switch wires from step 3 to this blue wire.
- 6 **18-Gauge GREEN** (Front Landing Legs) - Connect the manual switch wires from step 4 to this green wire.

OPERATION

- Turn the on / off switch to the on position, to activate. This switch should be in the off position when the unit is not in use. This will deactivate the key fob only. You can still use the manual wall switches when this is turned off.
- On the key fob, depress and hold a button to operate the motor in one direction (ex. Out). Then by releasing the button and depressing the same one again, the motor will reverse directions (ex. In).
- The manual (wall) switch will function the same as the key fob buttons.
- Care should be taken not to overdrive the application. When the application reaches the end of travel, release the button/switch.
- In the event the application would need to be manually cranked, it may be necessary to unplug the motor wires from the receiver box. This is because, some motors will create excessive drag in the system when manually cranked and by unplugging the motor wires it will make it easier to operate.
- In the event you would need another key fob, please contact Alta Resources with the code located on the box (ex. US01950)



For further assistance, please feel free to contact us.



2905 LaVanture Place - Elkhart, Indiana 46514 - Phone (574) 262-1258 - Fax (574) 264-9138