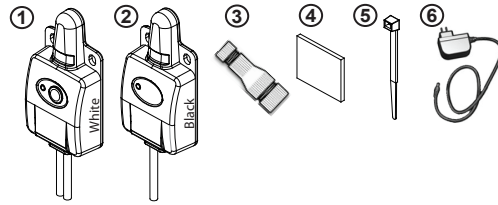


**CONTENTS**

- |                                 |                         |
|---------------------------------|-------------------------|
| 1. RX-Receiver(white) x 1 pc    | 4. Double Side Adhesive |
| 2. TX-Transmitter(black) x 1 pc | 5. Plastic Ties         |
| 3. Posi-Tap Wire Taps x 2 pcs   | 6. AC Adapter x 1 pc    |
- Tools needed: Phillips Screwdriver, Wire Stripper



**'2 and 2' Simple Installation -**

**Just Two Wires to Your Car and Two Wires to Your Garage Door!**

**Installation Overview – Receiver (to opener)**

On the back of your garage door/gate opener motor you have two wires that run to your wall button switch that operates the door. You will connect the two wires from the Receiver to these two terminals on the garage door motor. You will then plug the AC Adapter to the outlet above your garage door opener motor.

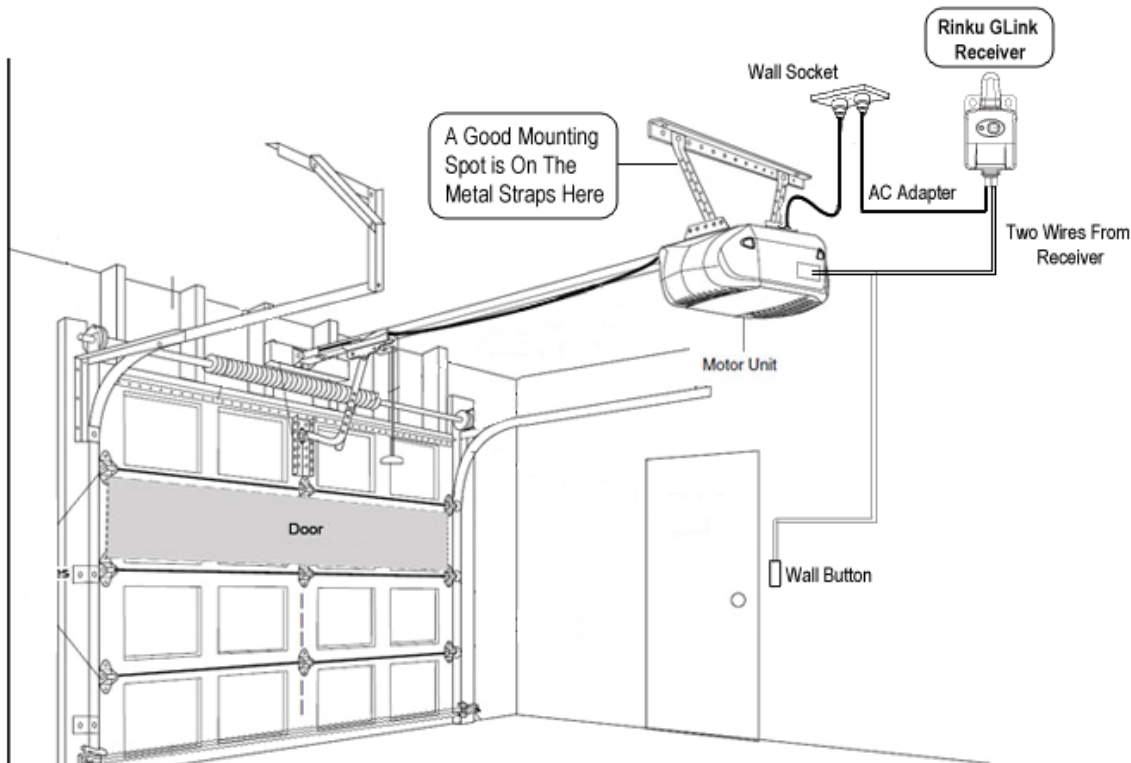
**Installation Overview – Transmitter (in car)**

You will locate the two wires that are connected to your high beams. You will only need to connect the Transmitter to one of your headlights. Choose the one with the most working space behind it. You will use the supplied wire connectors to tap into those high beam wires. You will then mount the transmitter and secure the wiring with the provided plastic ties and adhesive.

**Compatibility**

The transmitter will work with virtually all cars, trucks, motorcycles, or any vehicle with a 12volt electrical system. Any vehicle with a high beam that can be activated by pulling on the turn-signal stalk is compatible with this product. If your vehicle does not have this flashing capability, your headlights may need to be turned on to provide power to then activate the high beam.

The Receiver is compatible with most garage door and gate openers manufactured from 1983. There are a few models manufactured from 2011-on that may not work, check our website for the latest incompatible models list.



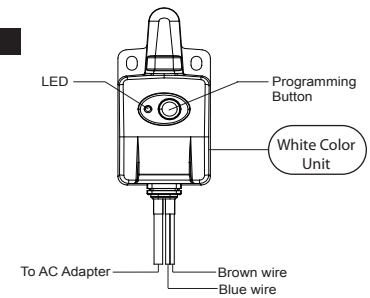
**(I) Receiver (To Gate or Garage Opener) :**

**Receiver (RX) Wiring Instructions:**

**Connect to Power (AC Adapter):**  
Plug into standard 120v Home Wall Power Outlet.

**Connect Signal output / input.**

**BLUE & BROWN wire:**  
To the two terminals on the garage/gate opener motor that trigger the operation of the door.  
The same terminals the wall button wires are connected to.

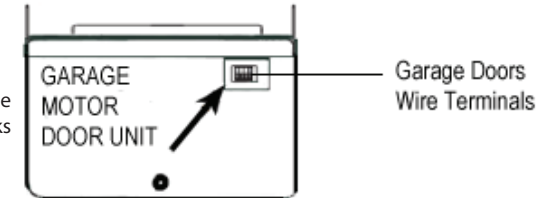


**Installing the RX-Receiver Inside Your Garage**

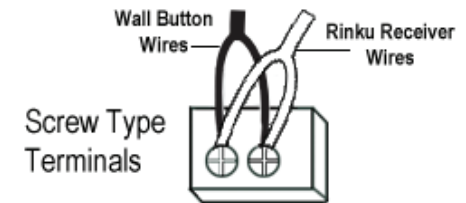
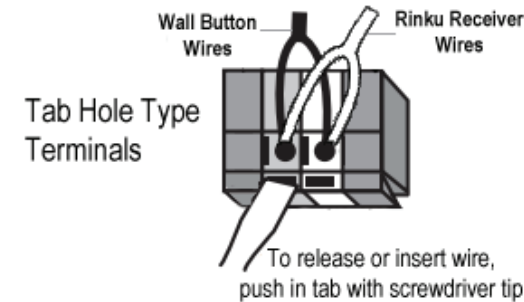
1. Disconnect/Unplug the power to garage door opener so it will not operate accidentally during installation.
2. Locate the terminals on the garage door motor that the two wires of the wall button switch connect to.  
If you have more than two wires, you will need to decipher the two wires (one positive, one negative) that operate the garage door. This information can be found in your garage door manual.
3. Connect the BLUE and BROWN wires from the Receiver to the garage door terminals.  
Connect one wire to each of the two terminals (it does not matter which color wire goes to which terminal).  
See diagrams below for common terminal types and sample wire connections.

**Garage Door Terminals**

Follow wall button wires to locate the terminal connection area of the garage motor unit. It typically looks like the below two types:



**Typical Garage Door Terminal Types:**



4. Connect the AC Adapter to the Receiver and plug into a wall outlet.
5. The LED on the receiver should light up and stay GREEN.
6. Mount the Receiver in a location away from any moving parts of the garage door opener.  
(Typical mounting point is on the metal support straps above garage opener motor)
7. Secure the Receiver Unit and wires with the provided plastic ties, avoiding any moving parts of the door/gate.
8. Restore power to your garage door opener.
9. Receiver Installation is complete!

>>> Continue to back side for the next step and operating instructions.

## CONTINUED FROM PAGE 1:

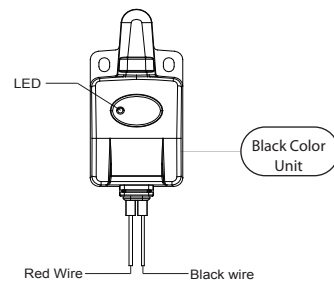
### (II) Transmitter Installation (In Vehicle) :

#### Transmitter (TX) *Wiring Instructions:*

Connect to Headlight Highbeam signal wire  
(+12V power)

RED wire : Connect to Headlight Highbeam signal wire  
power +12V

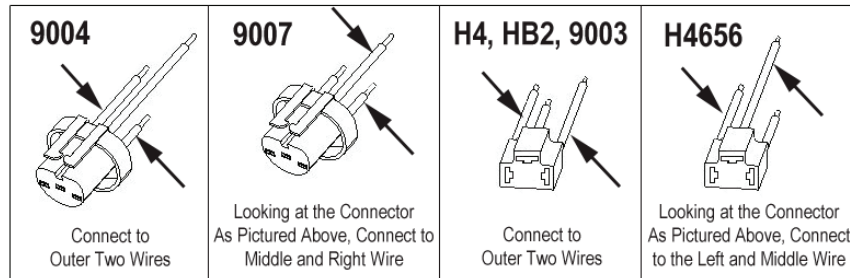
BLACK wire: Connect to Headlight Highbeam Ground



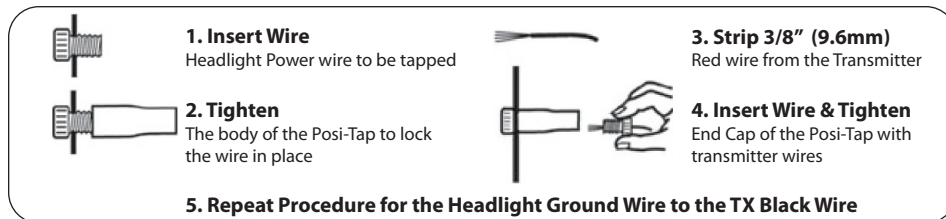
#### Installing the TX-Transmitter In Your Car

1. Be sure the Garage Door is in sight and all vehicles and any persons are away from the garage door during the installation of the Transmitter.
2. Determine which headlamp has more working room behind it. The Transmitter can be installed on either headlamp.
3. Operate your high beam switch and observe which lights are the actual high beams. You will tap the two wires of the Transmitter to the two wires that power the high beam.
4. If your high beam connector has more than 2 wires, refer to the diagram below to see if your headlight connector/bulb code matches the below. Your highbeam bulb will have one of the numbers stamped on it. Alternatively, if there is any doubt, you can use an automotive test light tool to find the positive and negative wires of your headlamp. Our website also provides a vehicle application guide resource to help find which wires to use. If your high beam only has 2-wires, go on to step-5.

If your High Beam Connector has 3-Wires, Match your bulb type with these 3-diagrams:



5. Once you have found the high beam wires, use the supplied Posi-Taps to connect to these two wires. Tap Red wire from TX to the Highbeam Power wire. Tap Black wire from TX to the Highbeam Ground wire. See diagram below on how to correctly secure the wire Posi-tap connectors.



6. With the car off, test the Transmitter before closing the hood (Flash once, let go, then HOLD the second flash). When the Transmitter is activated, the LED will light up RED. The door will open or close.
7. Secure the Transmitter and all wiring away from any moving parts of your vehicle using plastic ties and the adhesive. If you have a sealed back cover type headlamp, mount the Transmitter inside the headlamp and close the back cover.
8. Test and confirm operation of the Transmitter once more and you are done!

**NEED MORE HELP?** Visit [www.RINKUHAUS.com](http://www.RINKUHAUS.com) for more resources and helpful hints!

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

### (III) Operating The System

**IMPORTANT:** Only operate the garage door when it is in sight to prevent injury to people or property.

No programming is required out of the box. The garage kit is pre-programmed to activate with 2-flashes.

To Operate: Flash once, let go, and flash and HOLD the second time until the door activates.

The door will activate a second after receiving the signal.

If it did not activate or you miss the flash, don't worry, just pause for two seconds and try again.

If you are still unable to activate the door, see our troubleshooting section on our website ([www.rinkuhaus.com](http://www.rinkuhaus.com)).

Operating range is up to 100ft (30meters) depending on vehicle and other physical obstructions.

#### Expanding your Rinkuhaus Kit

You can expand your Rinkuhaus world to multiple vehicles or doors. Additional Receivers and Transmitters are available for purchase on our website ([www.rinkuhaus.com](http://www.rinkuhaus.com)).

#### Adding Receivers

The Rinkuhaus In-Car Transmitter can control up to 5 Receivers. This means that the one transmitter in your vehicle can control a mix of up to 5 different garage doors, gates, or anything that is connected to a Rinkuhaus Receiver. Many homes have multiple garage doors or a property gate. Just add an additional receiver to those doors and control them with the one transmitter already in your car.

Using one to five flashes you can operate five different Receivers.

Here is one possible example if you had multiple Rinkuhaus Receivers set up in your home:

- One flash (and HOLD) can open/close your outer property gate
- Two flashes (HOLD second flash) opens and closes your main garage door
- Three flashes (HOLD third flash) can open/close your secondary garage door
- Four flashes (HOLD fourth flash) can turn on your patio lights
- Five flashes (HOLD fifth flash) open all garage doors

You can also set up additional Receivers at different locations and program them to activate with the same transmitter. For instance you have a vacation home or parents' home and you add a Rinkuhaus Receiver to their garage door, you can still program it to operate with the one Transmitter in your car! You can even program it to open with 2 flashes or any setting you like. You're not limited to keeping the number of flashes to only your receiver. You can set up the same flash count control to multiple Receivers.

Check our website for different types of Receivers to help you rule your world from your car.

#### Adding Transmitters

The Rinkuhaus Receiver can support up to 20 transmitters. This means if you have a fleet of 20 vehicles (motorcycles, golf carts, etc.) that use a gate on your property, you can install a Transmitter on each of them and they can operate the same door or gate that has the one Receiver already installed. Make life more convenient for your entire household or business by adding a Transmitter to those vehicles!

Check our website for different types of Receivers to help you rule your world from your car.

#### PROGRAMMING

>>> If you have just purchased this kit, no programming is necessary <<<

NOTE: The Transmitter(TX) is pre-programmed to the Receiver (RX) module in each kit for 2-flash mode.

(1). To enter programming mode, press and hold the button of the Receiver for 5 seconds. The LED will flash ORANGE.

(2). Trigger headlights desired number of times to register into RX within 60 seconds of entering programming mode.

Example: Flash 3-times & HOLD last flash to program 3-flash mode.

Note: If programming is not finished within 60 seconds of entering programming mode or if RX is pressed/released again, it will return to standby and the LED will be GREEN.

(3). Once the RX has received the signal from the TX, the LED on the RX will flash YELLOW. The LED will turn GREEN to confirm programming.

(4). Every Receiver can accept up to 20 TX codes. The 21st register will replace the 1st registered. The 22nd will replace the 2nd registered, etc.

(5). Every Transmitter can transmit 5 different codes by flashing 1 to 5 times (HOLD on last flash).

#### ERASING MEMORY

● To Erase ALL memory from the Receiver (RX):

(1). Disconnect power to the Receiver(RX) and reconnect.

(2). During the first 3 seconds of power connection, press and hold the RX's program button for 20 seconds, then LED will quickly flash RED.

(3). Release the programmer button. LED will continue flash RED 20 times.

(4). When all memory has been erased, the LED will light GREEN and return to Standby mode.

● To delete a SINGLE memory from the Receiver (RX):

(1). Enter programming mode by pressing and holding the button of the RX for 5 seconds. LED will flash ORANGE.

(2). Trigger headlights desired number of times of the register you want to erase within 60 seconds of entering programming mode.

Example: Flash 3-times & HOLD last flash to erase what was programmed in the 3-flash mode.

Note: If programming is not finished within 60 seconds of entering programming mode or if RX is pressed/released again, it will return to standby and the LED will be GREEN.

(3). Once the RX has received the signal from the TX, LED on the RX will flash RED. The LED will then turn GREEN to confirm the erase.