

Four-Button Wireless Remote Instructions



For proper installation and best possible fit, please read all instructions BEFORE you begin.



Important Information

BEFORE you begin the installation process:

- Carefully read all instructions.
- Verify that all parts are included by checking the contents of your kit.

If any parts are missing or appear damaged, please contact our customer service team for assistance.

Customer Service

For support, please contact the Putco team, available Monday to Friday 8:30 AM to 5PM (Central Time).

1 800 247 3974

support@putco.com

Compatible Products

Virtual Blade	Work Blade	Emergency Blade
Freedom Blade	Excalibur	Hornet
Yellow Jacket	Stinger	Luminix Bars

Recommended Tools + Supplies

Wire Stripper	Wire Crimper	Dielectric Grease
Zip Ties	Electrical Tape	Scotch Locks

Kit Contents

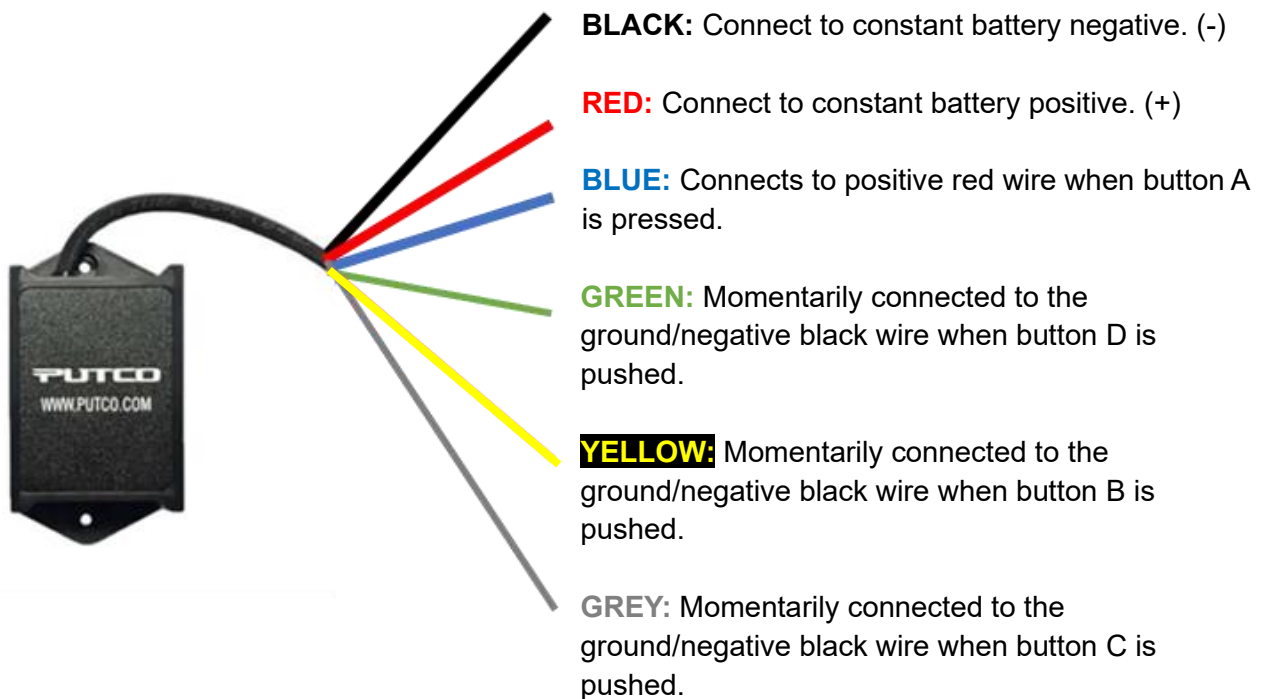
Remote FOB	Remote Relay Box	
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Specifications

Features:	Sliding button protector, LED indicator
Size:	2.1"L x 1.5"W x 1"H
Weight:	185 grams
Range:	50 feet open air
Frequency:	433 MHz
Input Voltage:	10-30 VDC
Maximum Current:	25 amps
Battery:	27A 12V alkaline battery
IP Rating:	IP65K
Connectors:	¼" male spade
Warranty	1 year

Remote Operation and Wire Functionality

Connect the red and black wires to 12VDC positive and negative. The remote needs to be turned on before any of the other buttons will be functional. To do this, you need to push the A button on the remote while the relay box is powered. When you push the A button the blue LED indicator on the front of the remote will illuminate, if it does not your battery needs replaced. When you push A the blue wire is also connected to the red wire (positive). The other three wires (Green(D), orange(B) and Grey(C)) are momentary (250ms) connected to the black wire, negative or ground.



NOTE: Putco recommends using the best possible attachment method you can to increase reliability and longevity. Solder and heat shrink will last longer than positap connectors which will last longer than Scotchlock or positive displacement connectors. If you use positap or Scotchlock use dielectric grease or electrical tape to protect the connector from water intrusion, especially road brine.



Freedom Blade Install

Use a scotch lock to connect the RED wire from the remote box to the short BLUE wire coming out of the driver box. Lastly, use a butt splice crimp connector to connect the YELLOW wire to the ORANGE wire on the Freedom Blade. The BLUE, GREY and TEAL wires coming from the remote are not used. Once the Freedom Blade has power, push the "A" button on the remote to turn it on. Push the "B" button to go into configuration mode.

BUTTON		FUNCTION
A	Blue	TURN ON REMOTE
B	Yellow	CONFIG MODE
C	Grey	NA
D	Green	NA

BATTERY				REMOTE				FREEDOM BLADE		
Black	BLACK	Black	>	Black	BLACK	Black	>	Black	BLACK	Black
Red	RED	Red	>	Red	RED	Red	>	Blue	BLUE	Blue
				Blue	BLUE	Blue				
				Yellow	YELLOW	Yellow	>	Orange	ORANGE	Orange
				Green	GREEN	Green				
				Gray	GRAY	Gray				



Amber Hornet Install

Connect the battery negative and positive to the remote negative (BLACK) and positive (RED). Connect the battery negative to the Hornet as well, now connect the BLUE remote wire to the RED hornet wire. Connect the YELLOW remote wire to the YELLOW hornet wire. If a switch in the cab is used to power on the hornet, do not use the BLUE remote wire.

BUTTON		FUNCTION
A	Blue	POWER ON/OFF
B	Yellow	CHANGE PATTERN
C	Gray	NA
D	Green	CHANGE COLOR

BATTERY				REMOTE				TRI-HORNET			
Black	BLACK	Black	>	Black	BLACK	Black	>	Black	BLACK	Black	
Red	RED	Red	>	Red	RED	Red					
				Blue	BLUE	Blue	>	Red	RED	Red	
				Yellow	YELLOW	Yellow	>	Yellow	YELLOW	Yellow	
				Green	GREEN	Green	>		WHITE		
				Gray	GRAY	Gray					



Tri-Hornet Install

Connect the battery negative and positive to the remote negative and positive (BLACK) and (RED). Connect the battery negative to the Hornet as well, now connect the BLUE remote wire to the RED hornet wire. Connect the YELLOW remote wire to the YELLOW hornet wire. Connect the GREEN remote wire to the WHITE hornet wire. If a switch in the cab is used to power on the hornet, do not use the BLUE remote wire.

BUTTON		FUNCTION
A	Blue	POWER ON/OFF
B	Yellow	CHANGE PATTERN
C	Gray	NA
D	Green	CHANGE COLOR

BATTERY					REMOTE					TRI-HORNET			
	BLACK		>		BLACK		>			BLACK			
	RED		>		RED								
					BLUE		>			RED			
					YELLOW		>			YELLOW			
					GREEN		>			WHITE			
					GRAY								



Stinger Install

Connect the battery negative and positive to the remote negative (black) and positive (red). Connect the battery negative to the Hornet as well, now connect the BLUE remote wire to the RED stinger wire. Connect the YELLOW remote wire to the YELLOW stinger wire. Connect the GREEN remote wire to the WHITE stinger wire. Connect the GRAY remote wire to the BLUE stinger wire.

BUTTON		FUNCTION
A	Blue	POWER ON/OFF
B	Yellow	CHANGE PATTERN
C	Gray	NA
D	Green	CHANGE COLOR

BATTERY					REMOTE					STINGER			
Black	Black	Black	>		Black	Black	Black	>		Black	Black	Black	
Red	Red	Red	>		Red	Red	Red	>					
					Blue	Blue	Blue	>		Red	Red	Red	
					Yellow	Yellow	Yellow	>		Yellow	Yellow	Yellow	
					Green	Green	Green	>		White	White	White	
					Gray	Gray	Gray			Blue	Blue	Blue	



Work and Emergency Blade Install

Connect the battery negative and positive to the remote negative (BLACK) and positive (RED). Connect the BLUE remote wire to the BLUE wire and the YELLOW remote wire to the ORANGE Workblade wire. If you are using a cab switch also, you can make the A button “white override” by connecting the BLUE remote wire to the WHITE Workblade wire.

BUTTON		FUNCTION
A	Blue	POWER ON/OFF
B	Yellow	CHANGE PATTERN
C	Gray	NA
D	Green	NA

BATTERY				REMOTE				WORK BLADE		
Black	BLACK	Black	>	Black	BLACK	Black	>	Black	BLACK	Black
Red	RED	Red	>	Red	RED	Red				
				Blue	BLUE	Blue	>	Blue	BLUE	Blue
				Yellow	YELLOW	Yellow	>	Yellow	ORANGE	Yellow
				Green	GREEN	Green				
				Gray	GRAY	Gray				



Virtual Blade Install

Connect the battery negative and positive to the remote negative and positive (BLACK) and (RED). Connect the BLUE remote wire to the WHITE virtual blade wire. Connect the YELLOW remote wire to the ORANGE virtual blade wire.

BUTTON		FUNCTION
A		STROBE MODE
B		CHANGE PATTERN
C		NA
D		NA

BATTERY					REMOTE					VIRTUAL BLADE						
	BLACK		>		BLACK		>		BLACK							
	RED		>		RED		>		RED							
					BLUE		>		WHITE							
					YELLOW		>		ORANGE							
					GREEN											
					GRAY											



YellowJacket Install

Connect the BLACK wire from the remote to the WHITE wire on the YJ. Connect the BLUE remote wire to the RED YJ wire. Connect the YELLOW remote wire to the YELLOW YJ wire. Connect the GREEN remote wire to the BLUE YJ wire. If you have two YellowJackets connect the GREEN wires together to synchronize the strobe flashes.

BUTTON		FUNCTION
A		POWER ON/OFF
B		CHANGE PATTERN
C		NA
D		CHANGE COLOR

BATTERY					REMOTE				YELLOW JACKET		
	BLACK		>		BLACK		>		WHITE		
	RED		>		RED						
					BLUE		>		RED		
					YELLOW		>		YELLOW		
					GREEN		>		BLUE		
					GRAY				GREEN		

You can view product specific instructions on our website by scanning the QR code below!

Freedom Blade



Tri-Color Hornet



Amber Hornet



Stinger



Work Blade



Virtual Blade



Yellow Jacket



Congratulations on completing the installation of your Putco product!
For information regarding your warranty, please visit www.putco.com/warranty.

Issues? Please Contact Our Technical Support Team: 1 800 247 3974



WARNING: Final Inspection required. Inspect product was properly Installed and all installation instructions were followed.



For additional information, please visit our website at www.putco.com!