

# The Ray Allen Company Inc.

1341 Distribution Way Suite 15, Vista, CA 92081 USA Phone 760 599 4720 FAX 760 599 4383  
[www.rayallencompany.com](http://www.rayallencompany.com)

## G401 Stick Grip

### Installation Instructions

Your G401 stick grip comes pre-wired with Teflon insulated, 24 gauge wire leads. Secure the G4 switch module with set screws or pop rivets (not included). If the foam grip fits too tight, try blowing compressed air to expand the foam as you slide the foam grip down the stick tube. The following describes the different wire functions. **NOTE: It does not matter which white wire connects to ground or the PTT.**

White – PTT. This wire will connect to ground when the PTT button is depressed.

White – Ground wire.

White - connect to Ground



White - connect to PTT

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## G403 Stick Grip

### Installation Instructions

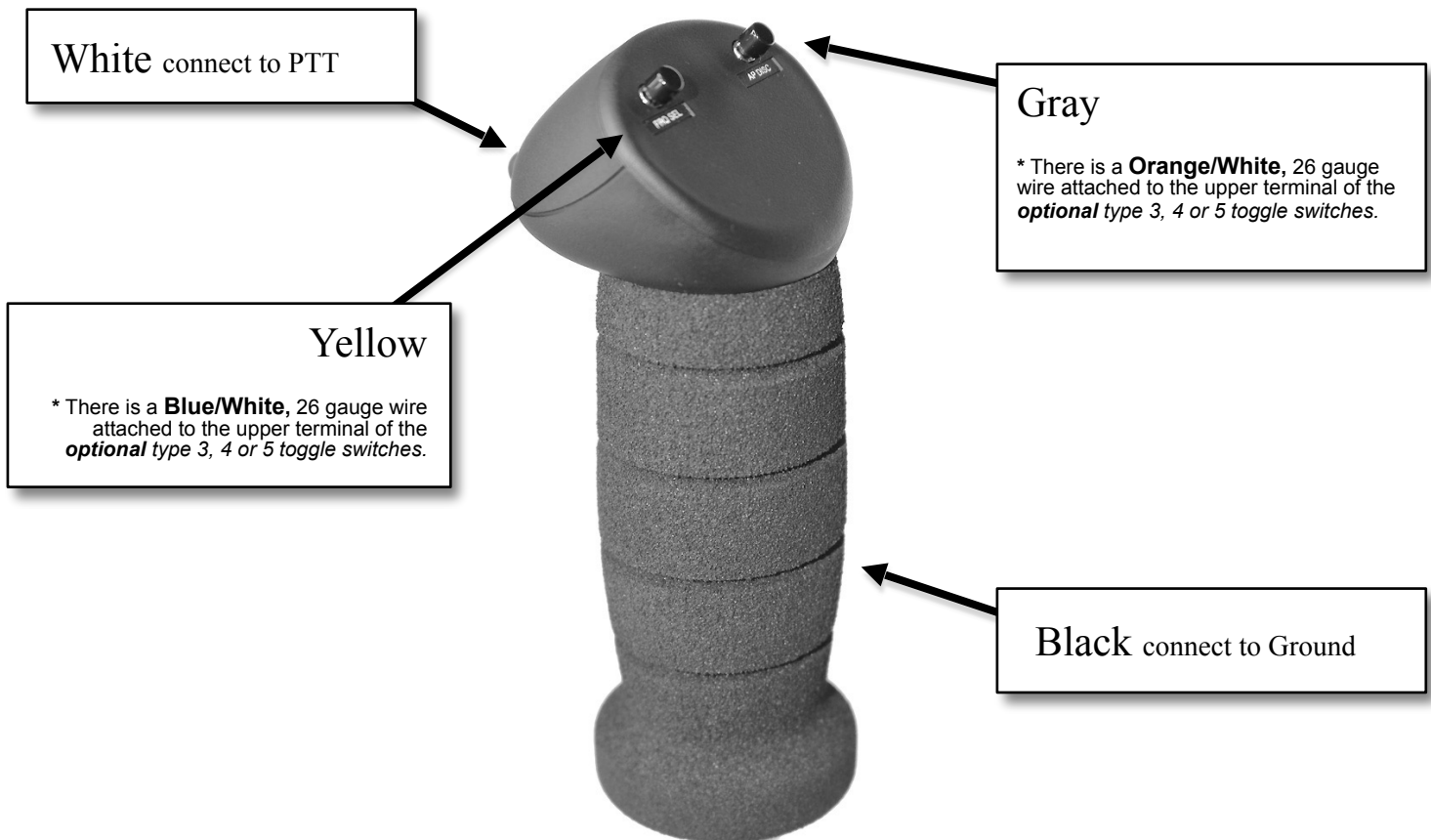
Your G403 stick grip comes pre-wired with color coded, Teflon insulated, 24 gauge wire leads. Secure the G4 switch module with set screws or pop rivets (not included). If the foam grip fits too tight, try blowing compressed air to expand the foam as you slide the foam grip down the stick tube. The following describes the different color wire functions:

White – PTT. This wire will connect to ground when the PTT button is depressed.

Black – Ground wire. Connect to ground. Shared with all switches.

Gray\* – Auxiliary “Right” pushbutton. This wire will connect to ground when this button is depressed.

Yellow\* – Auxiliary “Left” pushbutton. This wire will connect to ground when this button is depressed.



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## G405 Stick Grip Installation Instructions

Your G4 series stick grip comes pre-wired with color coded, Teflon insulated, 24 gauge wire leads. Relays must be used to actuate Ray Allen actuators.

Secure the G4 switch module with set screws or pop rivets (not included). **Caution!** Make sure that these screws do not interfere with any wires. If the foam grip fits too tight, try blowing compressed air to expand the foam as you slide the foam grip down the stick tube. The following describes the different color wire functions:

White – PTT. This wire will connect to ground when the PTT button is depressed.

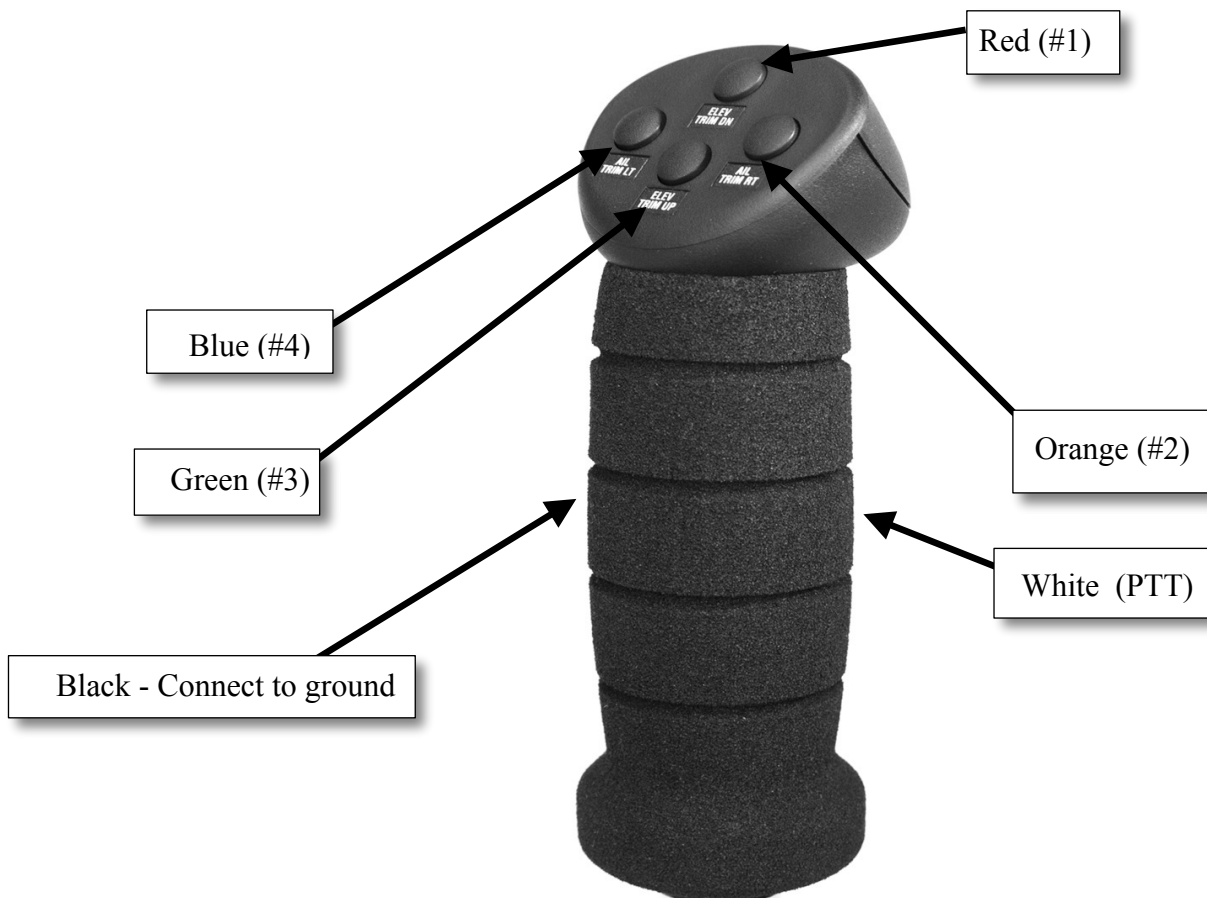
Black – Ground wire. Connect to ground. **Shared with all G4 switches.**

Red – “Down” (#1) trim switch. This wire will connect to ground when this button is depressed.

Blue – “Left” (#4) trim switch. This wire will connect to ground when this button is depressed.

Green – “Up” (#3) trim switch. This wire will connect to ground when this button is depressed.

Orange – “Right” (#2) trim switch. This wire will connect to ground when this button is depressed.



**Warning:** Installation and use of Ray Allen Company products is the responsibility of the aircraft designer and builder. Use of Ray Allen products in any application which will exceed their capability can cause failure leading to injury or death.

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## G407 Stick Grips Installation Instructions

Your G4 series stick grip comes pre-wired with color coded, Teflon insulated, 24 gauge wire leads. Relays must be used to actuate Ray Allen actuators.

Secure the G4 switch module with set screws or pop rivets (not included). **Caution!** Make sure that these screws do not interfere with any wires. If the foam grip fits too tight, try blowing compressed air to expand the foam as you slide the foam grip down the stick tube. The following describes the different color wire functions:

White – PTT. This wire will connect to ground when the PTT button is depressed.

Black – Ground wire. Connect to ground. **Shared with all G4 switches.**

Red – “Down” (#1) trim switch. This wire will connect to ground when this button is depressed.

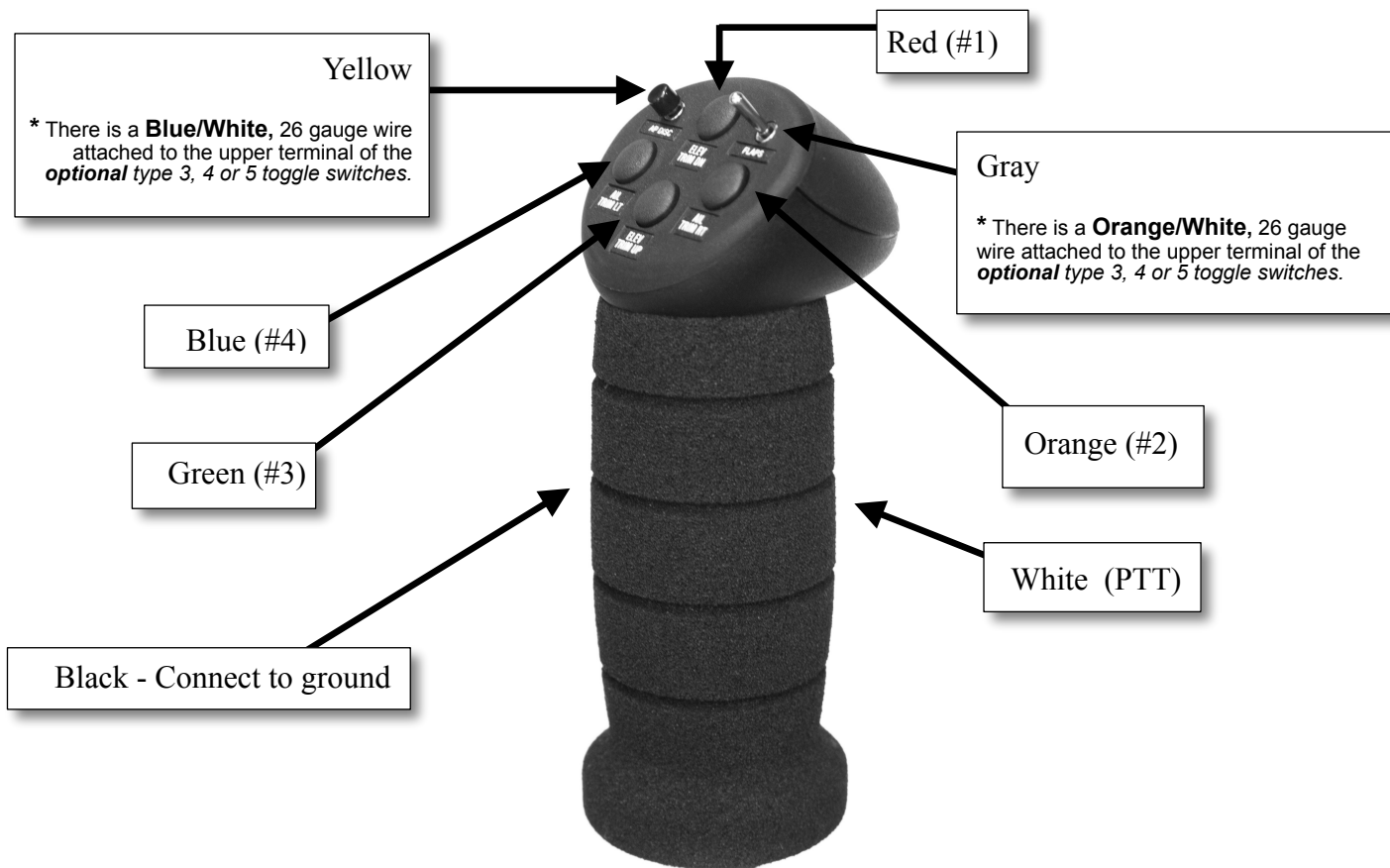
Blue – “Left” (#4) trim switch. This wire will connect to ground when this button is depressed.

Green – “Up” (#3) trim switch. This wire will connect to ground when this button is depressed.

Orange – “Right” (#2) trim switch. This wire will connect to ground when this button is depressed.

Gray\* – Auxiliary “Right” pushbutton. This wire will connect to ground when this button/toggle is activated.

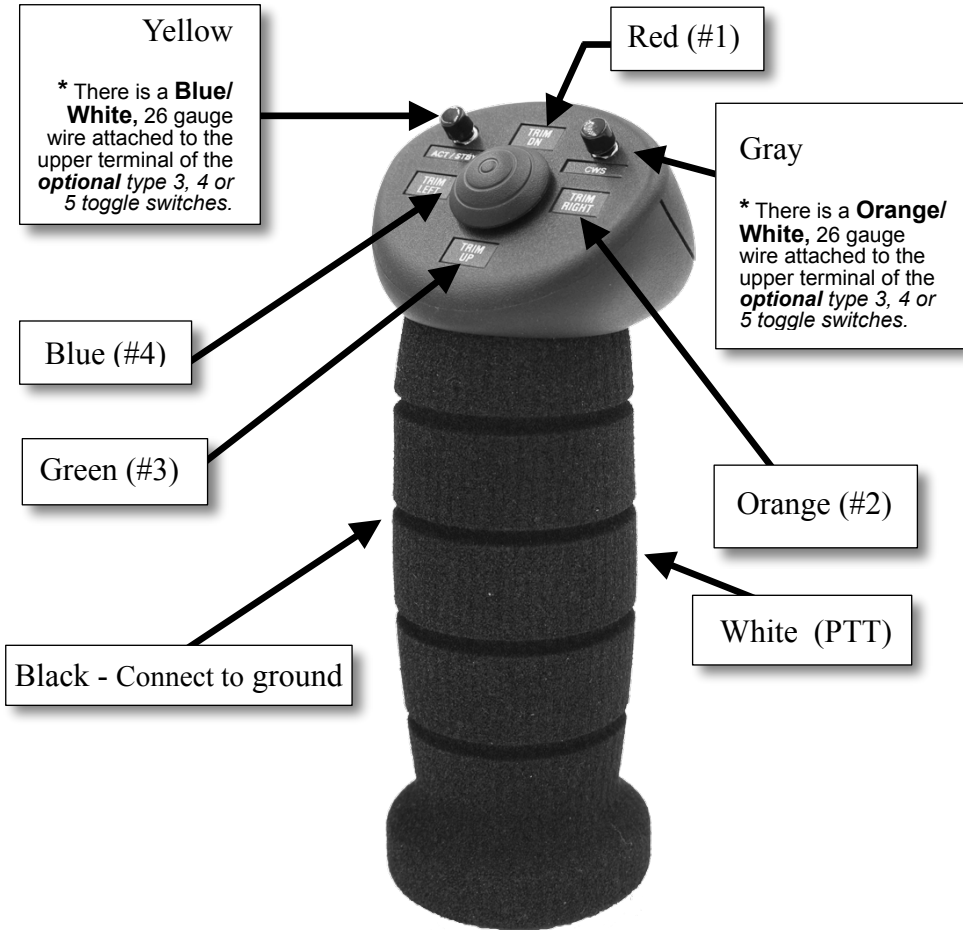
Yellow\* – Auxiliary “Left” pushbutton. This wire will connect to ground when this button/toggle is activated.



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# G407F Stick Grips

## Installation Instructions



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