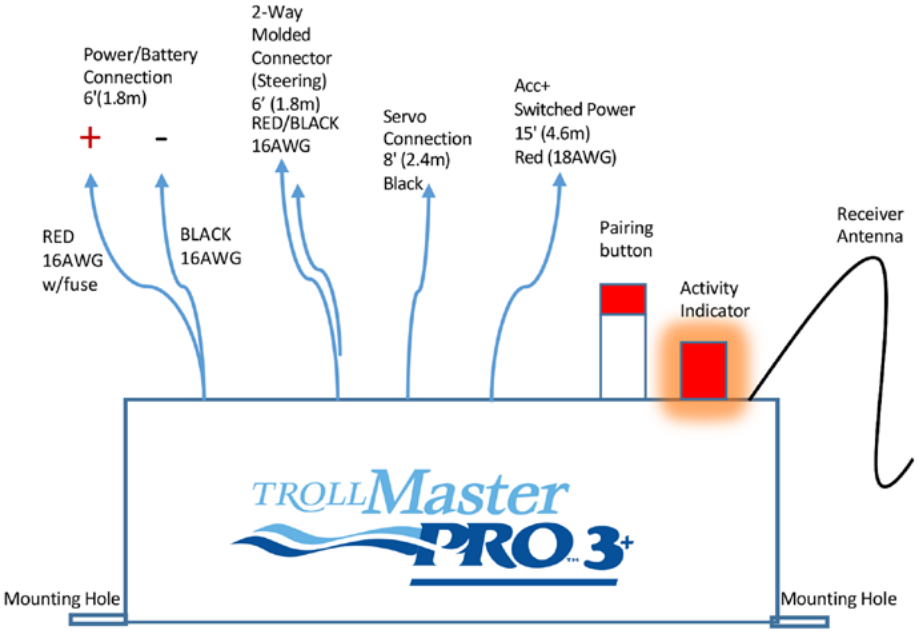
P/N TMPRO3PLUS
02MANTMPRO3PLUS V3

Congratulations on your purchase of the Wireless **TROLLMaster PRO3+**. This addition to the TROLLMaster lineup will allow you to control both your trolling speed and direction from anywhere in the boat.



CONNECTIONS

Power/Battery Connection 6' (1.8m) Red, 6' (1.8m) Black

Connect the red 16AWG to positive 12V battery terminal. Connect the black 16AWG to negative 12V battery terminal.

ACC+ Switched Power 15' (4.6m) Red

Connect red 18AWG wire to switched accessory power at helm station.

2 Way Molded Connector 6' (1.8m)

This connection is used to attach a Panther Electro Steer unit. Push the molded connector to the corresponding connector on the Electro Steer unit until it is snug and both ends of the connector meet.

Servo Connection 8' (2.4m)

This wire will connect to the included Servo that mounts under the cowling of the motor. For more details on how to install this servo refer to the Hardware Kit you purchased that corresponds to vout specific make of motor. Route and secure servo cable as far away as practical from the spark plug wires.

Pairing button

Pushing this button will pair your remote to your receiver. Push this button once and the Activity light will be solid. Then press any button on the remote. Once the light goes off, your remote is paired.

Activity Indicator

This blinks any time there is activity between your receiver and remote. It will also be solid when you are in the process of pairing your remote.

Receiver Antenna

This wire is used for the receiver to be able to communicate to the remote. It can lay loose and does not need any install attention.

MOUNTING HOLES

The holes are used to mount your receiver to ensure it is secure and will not be tossed around while the boat is in motion.

QUICK START

1. Install your servo and throttle rod following the directions that come with the hardware kit.
2. Find a suitable location to install your receiver that will be out of direct contact with constant water exposure and can be mounted securely but allows all cables to reach their destination.
3. Run your power cable from your receiver to your battery
4. Run your Acc+ Switched Power cable to helm station
5. Run your servo cable from your receiver out to your servo that was installed on the kicker motor in Step 1.
6. (Optional) Connect your Panther Electro Steer motor to the 2 Way molded connector on the receiver.
7. Pair your remote (See 'Pairing button' above)
8. Verify proper operation of the servo (and steering if connected).
9. Go fishing!

For information on motor specific installation of the servo, please refer to the installation instructions found at the Trollmaster website: trollmasters.com/wireless/trollmaster-pro3/installation-guides/

REMOTE FUNCTIONS

POWER

Power On

To power on your remote, push the Power On/Off button for one second. You will see TROLL Master on the screen. Select any function to start using the remote.

Power Off

To power off your remote, push the Power ON/Off button for two seconds until the display clears.

Sleep Mode

If you do not touch any buttons for one minute, the remote will go into sleep mode. In order to wake it, touch any button on the remote and it will resume to your last used function.

Batteries

The remote runs on two standard AAA batteries. You will get a 'Low Battery' indication on the screen when it is time to change them.

THROTTLE CONTROL

You have a range of 1-250 to adjust your speed. This does not correlate to your actual GPS speed. Use an external GPS in order to get an accurate speed reading for your situation.

Speed Adjustment

There are two buttons to control your speed, a rabbit icon for increasing your speed and a turtle icon to decrease your speed. Press one time on the corresponding button to change your speed in single increments.

Jog

If you hold down on either speed button for four seconds your increments will increase by 10. Release the button and then press once again to go back to increasing by single increments.

Feature buttons

These two buttons will allow you to max out the throttle control [approx. 80% of factory throttle], or return to idle.

Max Throttle

To use this feature you need to depress and hold the Max Throttle button. You will see 'Max Throttle' appear on the screen while it is being held down, and your motor will increase speed and stay at that Max Throttle as long as the button is held down. To return to your previous speed setting, release the button.

Idle/Resume

To use this feature press the Idle button. When you do, the throttle will drop to the 000 setting and it will say 'Idle 000' on the remote. To resume your previous setting press the Idle button again. You will see 'Resume XXX'. The XXX will be the setting you had last been configured for.

STEERING CONTROL

When your unit is connected to a Panther Electro Steer (sold separately,) you are able to remotely steer your kicker motor. Press once on the Left or Right Arrow button on the remote to move in small increments. If you hold down the button it will move in larger increments. See Installation Steps for more details.

INSTALLATION INSTRUCTIONS

1. Packaged in the hardware kit that you purchased with your PRO3+ is an install manual that explains in detail how to Install your servo and throttle rod.

2. Your wireless receiver needs to be placed in a location where it will not be exposed to constant water exposure. A battery compartment, rod box, anything similar would be a good location.

   Keep in mind that this location also needs to allow for the wires to be able to reach the battery, servo, steering, etc. As an additional consideration, the signal between your remote and receiver is designed to work within a ~30ft (9.1m) range even inside of an enclosed location.

   Once you find a suitable location, use the mounting holes and appropriate hardware to secure it.

3. The main power leads connect directly the 12V battery using the ring connectors provided. Red to +ve terminal, Black to -ve terminal. The positive wire includes a standard blade fuse.

4. The ACC+ Switched power should be connected to a +ve 12V switched power source at the helm station. When the outboard engine is not in use, the switched power should be powered down.

5. The servo wire from your receiver needs to be routed to the servo mounted on your kicker motor.

   NOTE: If you need an extension to your servo cable, visit trollmasters.com and look for the Parts Shop link. There is a 10ft (3m) extension available. To minimize the impact of EMI, take care to route and secure servo cable as far away as practical from the spark plug wires.

6. (Optional Steering Device) Route the steering cable 6ft (1.8m) from your receiver to the location of your Panther Electro Steer motor and connect the 2-Way molded connector until they are fully engaged. **Do not plug into the 3-way molded connector in an existing relay control.**

   NOTE: Keep in mind that depending on which side your electro steer is mounted on your kicker motor the turn controls might be reversed. To change this you can reverse the polarity of the connection. First, disconnect the unit from the battery. Then cut the wires between the receiver and connector. Now reconnect the wires, but connect red to black and black to red. Be sure to use proper connections, like Butt T splices or wire nuts.

7. Pair your remote to your receiver. Push the pairing button on the receiver and you will see a solid activity light. Then press any button on the remote. Once the light goes off your remote is paired. It will always pair to the most recent unit. If you need to replace your remote, following this step will pair your new remote and does not store you older remote.

8. Once everything is connected and paired, ensure that operation is correctly working by using your remote to verify that the servo (and steering) are responding to inputs. Once this has been verified, tie down any loose cables securely.

TROUBLESHOOTING

Inputs to remote do not cause the servo or steering to respond.

- Double check that your battery that is charged.
- Verify that your power cables are connected securely.
- Try pairing the remote one more time and ensure that the Activity Light comes on to verify power.
- Check that the screen on the remote is in fact showing any kind of text after pushing the power button. For testing ensure there is a clear line of sight between the remote and the receiver. Once that works place back in your preferred location and retest.
- There is a optional wired remote that can be purchased to verify wireless receiver functionality. Visit trollmasters.com and look for the Parts Shop link.

SERVICE AND WARRANTY

Should your unit ever require service, **please do not return the product to your dealer.** Please call the number below for special instructions on shipping and handling. Please call between 9:00 am - 4:00 pm (Central Standard Time) Monday through Friday. If service is required and covered by warranty, it will be repaired or replaced as described below.

If service is required and not covered by warranty, (such as damage caused from improper trailering or from water intrusion through the breather tube), replacement parts are available for purchase and may be paid for by Visa or MasterCard.

The warranty coverage on this equipment is limited to the terms set forth below: CMP Group LTD. warrants this product to be free of defects in material and workmanship for a period of ONE (1) YEAR from the date of original retail purchase. **Positive proof of date of purchase is required for warranty service.** If service is required and covered by warranty, the unit will be repaired or replaced with new or factory rebuilt parts at no charge. The defective components must be returned to the address specified, with shipping charges prepaid. Be sure to include your name, address, telephone number and a copy of the sales receipt showing the date of original retail purchase. All sales receipts are subject to verification.

This warranty does not apply if the unit has been damaged by accident, abuse, misuse, poor installation or misapplication, or if it has been modified from its original condition, or if any serial number has been removed or defaced or altered. **This warranty does not cover any expense to remove or reinstall the unit or any of its components.** If a returned unit is not covered by warranty, the sender will be notified and given an estimate of the charges to repair or replace the unit, together with the return shipping charges.

THIS WARRANTY DOES NOT COVER SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY, OR UNDER ANY OTHER LEGAL THEORY, INCLUDING BUT NOT LIMITED TO DAMAGE TO OR REPLACEMENT OF OTHER EQUIPMENT AND PROPERTY.

THE WARRANTY AND REMEDIES SET FORTH ARE EXCLUSIVE AND IN LIEU OF ALL OTHERS, WHETHER ORAL OR WRITTEN, EXPRESS OR IMPLIED. DUE TO THE SPECIAL AND UNIQUE CONDITIONS THAT MAY EXIST IN EACH APPLICATION, THE MANUFACTURER SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. NO DEALER, AGENT OR EMPLOYEE IS AUTHORIZED TO MAKE ANY MODIFICATION, EXTENSION OR ADDITION TO THIS WARRANTY.

Some states do not allow exclusion of incidental or consequential damages, so the above exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other legal rights, which may vary from state to state.

FOR SERVICE CALL +1 (757) 916-9676

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https://trollmasters.com/

LANYARD STOP SWITCH EXTENSION

The purpose of a lanyard stop switch is to turn off the engine when the operator moves far enough away from the operator's position (as in accidental ejection from the operator's position) to activate the switch. Please refer to your Lanyard Stop Switch (or similar) section of your manual for all information related to that safety feature. **This documents is NOT a replacement for that section of your owner's manual.**

With the TROLLMaster being a wireless solution you can move farther than the standard lanyard length that is provided with a standard Lanyard Stop Switch. This extension is provided in the package for you to be able to move farther than the standard 122cm and 152cm (4 and 5 feet). This extension should be connected to the clip end of the existing stop switch lanyard and the other end clipped to the operator securely.

There are more robust solutions that can be used in place of the lanyard extension if so desired. Doing an Internet search of "Wireless Marine Safety Devices" would direct you to such items available. TROLLMaster does not endorse or support any one solution.

One other item for safety to keep in mind is the use of the Steering Friction Control, especially on Tiller Steering outboards. This should be set just high enough that the engine won't turn on its own without input from the operator, at any tilt position. If this is set too low and the operator lets go of the tiller (i.e., to grab a hat blowing off their head) the engine can turn abruptly and possibly throw the operator out of the boat.

⚠ WARNING

To avoid serious injury or death due to ejection from the boat, always attach the emergency safety switch lanyard (with or without the extension) to the switch & the operator. In addition always have the outboard steering friction adjusted as instructed.

FCC: 2AILDTMPRO3-PLUS
IC: 21604-TMPRO3PS

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.

Federal Communication Commission Interference Statement
Industry Canada Statement

This device complies with Industry Canada licence-exempt RSS standard.

Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le present appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisee aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioelectrique subi, meme si le brouillage est susceptible d'en compromettre le fonctionnement.

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