

## Power Cable and Power/Temp/Speed Cable

532136-1\_C

### Thank You

Thank you for choosing Humminbird®, the #1 name in marine electronics. Humminbird has built its reputation by designing and manufacturing top-quality, thoroughly reliable marine equipment. Genuine Humminbird accessories offer the opportunity to upgrade and expand the capabilities of your Humminbird product.

Contact Customer Service at **1-800-633-1468** or visit our Web site at [humminbird.com](http://humminbird.com).

### Overview

A 6 ft (2m) Power Cable or 3 ft (1m) Power/Temp/Speed Cable is included to connect power to the control head. You may shorten or lengthen the cable using 18 gauge multi-stranded copper wire.

**CAUTION!** Some boats have 24 or 36 Volt electric systems, but the control head **MUST** be connected to a 12 VDC power supply.

**WARNING!** Humminbird is not responsible for over-voltage or over-current failures. The control head must have adequate protection through the proper selection and installation of a 5 Amp fuse (recommended fuse type: slow-blow, time-delay, or time-lag).

### Connecting to the Temperature/Speed Accessory

Use the instructions in this section to connect the Humminbird Temperature/Speed accessory to the Power/Temp/Speed Cable.

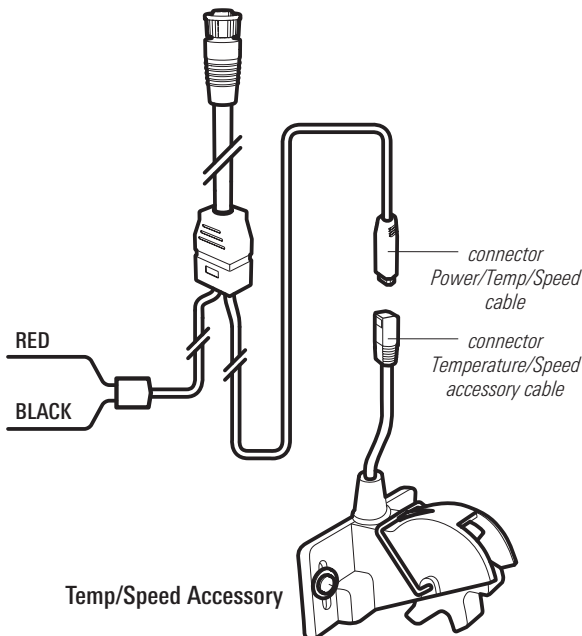
**NOTE:** If your power cable does not include the Temperature/Speed connector, proceed to the next section, *Connecting to Power*.

1. See the installation guide included with your Temperature/Speed accessory to install it on your boat. Make sure the cable is long enough to accommodate the planned route. See the accessory installation guide for details.

**CAUTION!** Do not cut or shorten the Temperature/Speed cable, and try not to damage the cable insulation. Route the cable as far as possible from any VHF radio antenna cables or tachometer cables to reduce the possibility of interference. If the cable is too short, extension cables are available to extend the cable up to a total of 50'. For assistance, contact Customer Service at [humminbird.com](http://humminbird.com) or call **1-800-633-1468**.

**CAUTION!** Do NOT mount the cables where the connectors could be submerged in water or flooded. If cables are installed in a splash-prone area, it may be helpful to apply dielectric grease to the inside of the connectors to prevent corrosion. Dielectric grease can be purchased separately from a general hardware or automotive store.

2. Connect the Temperature/Speed accessory connector to the connector on the Power/Temp/Speed Cable.



**NOTE:** Your Temperature/Speed accessory might not look exactly like the illustration shown in this guide, but it will connect in the same way.

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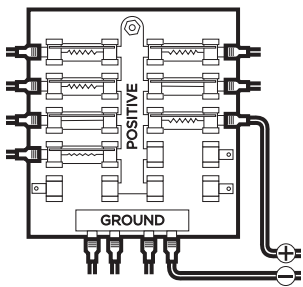
### Connecting to Power

The power cable can be connected to a fuse panel (usually located near the console) or to a battery switch.

1. Make sure that the power cable is disconnected from the control head.

**CAUTION!** Some boats have 24 or 36 Volt electric systems, but the control head **MUST** be connected to a 12 VDC power supply.

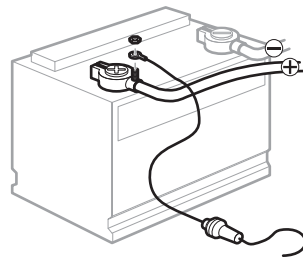
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#### Fuse Terminal Connection

- 2a. Use crimp-on type electrical connectors (not included) that match the terminal on the fuse panel. Attach the black wire to ground (–), and the red wire to positive (+)12 VDC power. Install a 5 Amp fuse (not included) for protection of the unit.

OR



#### Battery Switch Connection

- 2b. Install the battery switch (not included) using the instructions provided with it. You will also need to install an inline fuse holder and a 5 Amp fuse (not included) for protection of the unit. Attach the black wire to (–) ground, and the red wire to (+)12 VDC power.

**NOTE:** In order to minimize the potential for interference with other marine electronics, a separate power source (such as a second battery) may be necessary.

3. Route the power cable to the Humminbird control head, and insert the connector into the POWER-SPEED-TEMP port. The ports are labeled, and the connectors are keyed to prevent incorrect installation. Hand tighten the screw nut to secure the cable connection.
4. See your control head installation guide to power on the control head.

Power Cable	Fuse Terminal or Battery Switch
Black Wire	(–) Ground
Red Wire	(+) 12 VDC

#### Connecting the Power Cable to the POWER-SPEED-TEMP Port (magnified view)

