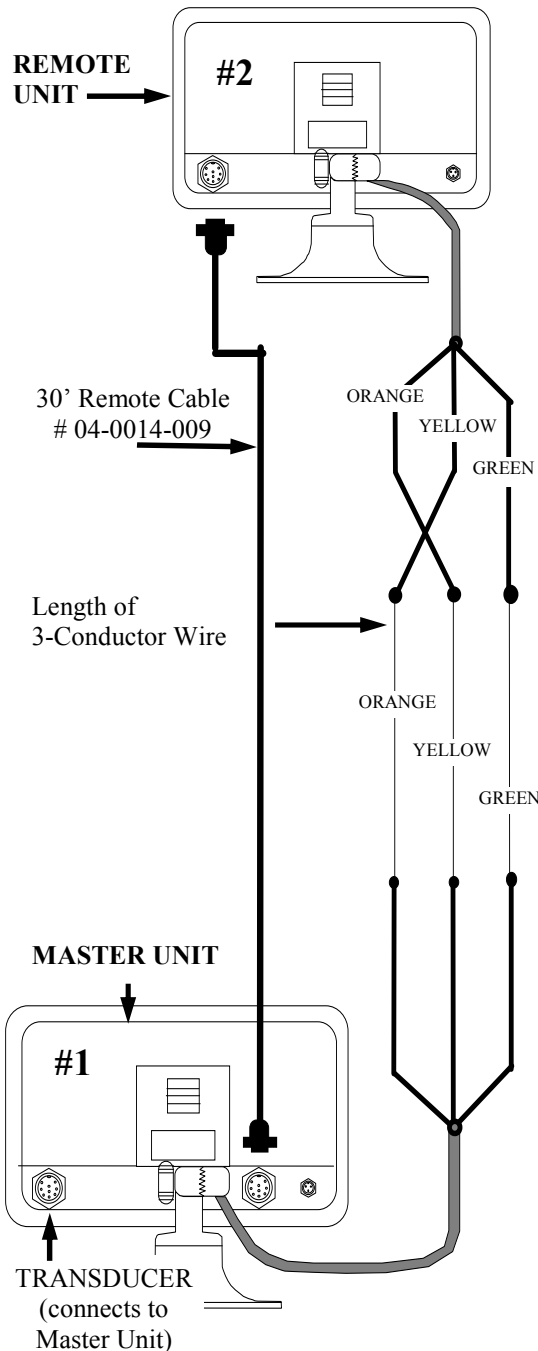




iScan Series Remote Displays

iScan V90 Remote Display Connections



The iScan V90 can operate with two displays: one being designated as the **Master (#1)** and the other as the **Remote (#2)**. The transducer cables connect to the **Master (#1)** unit and the signal is automatically switched between the **Master (#1)** and the **Remote (#2)** during operation.

The normal iScan V90 will operate as a stand-alone unit or as a **Remote** unit in a two display installation, but can not operate as a **Master** unit.

The iScan V90 Remote Kit includes a 30' **Remote Cable (P/N 04-0014-009)** that carries the sonar information from the transducer between the two displays. It should be connected to the extra 9-pin connector on the rear of the **Master(#1)** unit and the 9-pin **GREEN** input connector on the **Remote (#2)** unit. In addition, the two units need to be connected via their serial ports with a three wire cable as shown on the sketch on the left.

Note that the **Orange** wire from the **Master (#1)** connects to the **Yellow** wire from the **Remote (#2)** and the **Yellow** wire from the **Master (#1)** connects to the **Orange** wire from the **Remote (#2)**. The **Green** wires from both units are tied together.

Once connected, you will need to go into the **SETUP** menu of each unit and set the standard unit up as a **REMOTE (#2)** and the other unit unit (the one included with the **REMOTE STATION KIT** with two 9-pin connectors on the rear) as the **MASTER (#1)** unit.

In a two-station system, the **Master (#1)** must always be turned on. Then, if the **Remote PWR** button is pressed, the **Master (#1)** display will go into a standby mode while the **Remote (#2)** is being used. To re-activate the **Master (#1)** station, the **Master Display PWR** button needs to be briefly pressed. (pressing for more than a few seconds will turn the Master off).

If the **Master (#1)** is turned off, for any reason, both displays will not function.



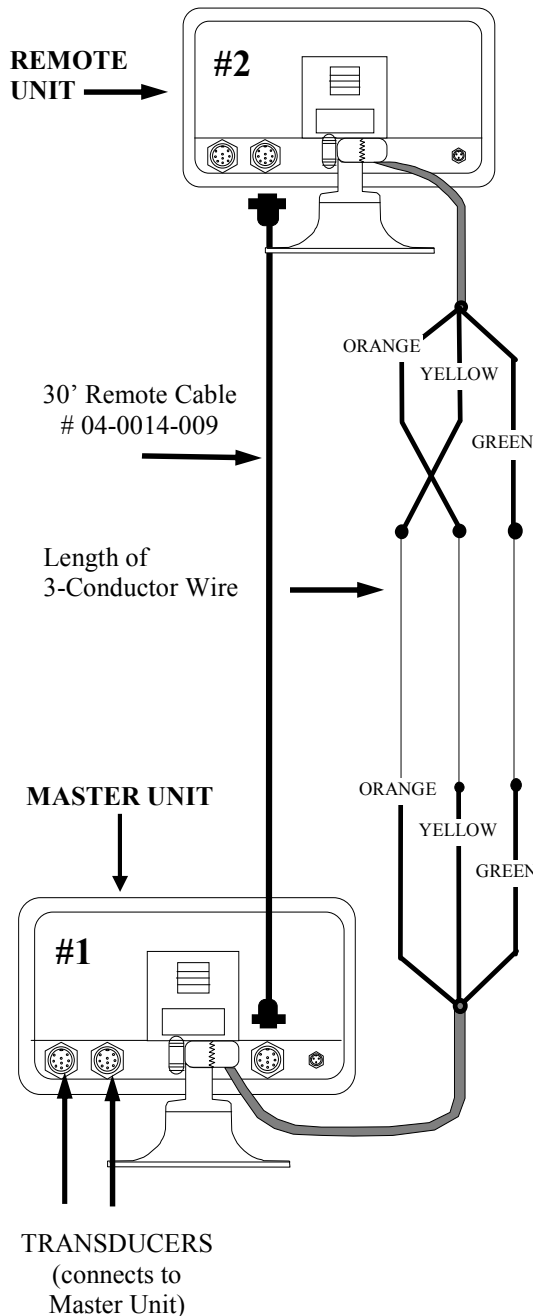
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Color Twinscope Remote Display Connections



The **Color Twinscope** can operate with two displays: one being designated as the **Master (#1)** and the other as the **Remote (#2)**. The transducer cables connect to the **Master (#1)** unit and the signal is automatically switched between the **Master (#1)** and the **Remote(#2)** during operation.

The normal **Color Twinscope** will operate as a stand-alone unit or as a **Remote** unit in a two display installation, but can not operate as a **Master** unit.

The **Color Twinscope Remote Kit** includes A 30' **Remote Cable (P/N 04-0014-009)** that carries the sonar information from the transducer between the two displays.

It should be connected between the extra (third) 9-pin connector on the rear of the **Master(#1)** unit and the 9-pin **GREEN** or **Vertical** input connector on the **Remote (#2)** unit. In addition, the two units need to be connected via their serial ports with a three wire cable as shown on the sketch on the left.

Note that the **Orange** wire from the **Master (#1)** connects to the **Yellow** wire from the **Remote (#2)** and the **Yellow** wire from the **Master (#1)** connects to the **Orange** wire from the **Remote (#2)**. The **Green** wires from both units are tied together.

Once connected, you will need to go into the **SETUP** menu of each unit and set the standard unit up as a **REMOTE(#2)** and the other unit unit (the once included with the **REMOTE STATION KIT** with three 9-pin connectors on the rear) as the **MASTER(#1)** unit.

In a two-station system, the **Master (#1)** must always be turned on. Then, if the **Remote PWR** button is pressed, the **Master (#1)** display will go into a standby mode while the **Remote (#2)** is being used. To re-activate the **Master (#1)** station, the **Master Display PWR** button needs to be briefly pressed. (pressing for more than a few seconds will turn the Master off).

If the **Master (#1)** is turned off, for any reason, both displays will not function.



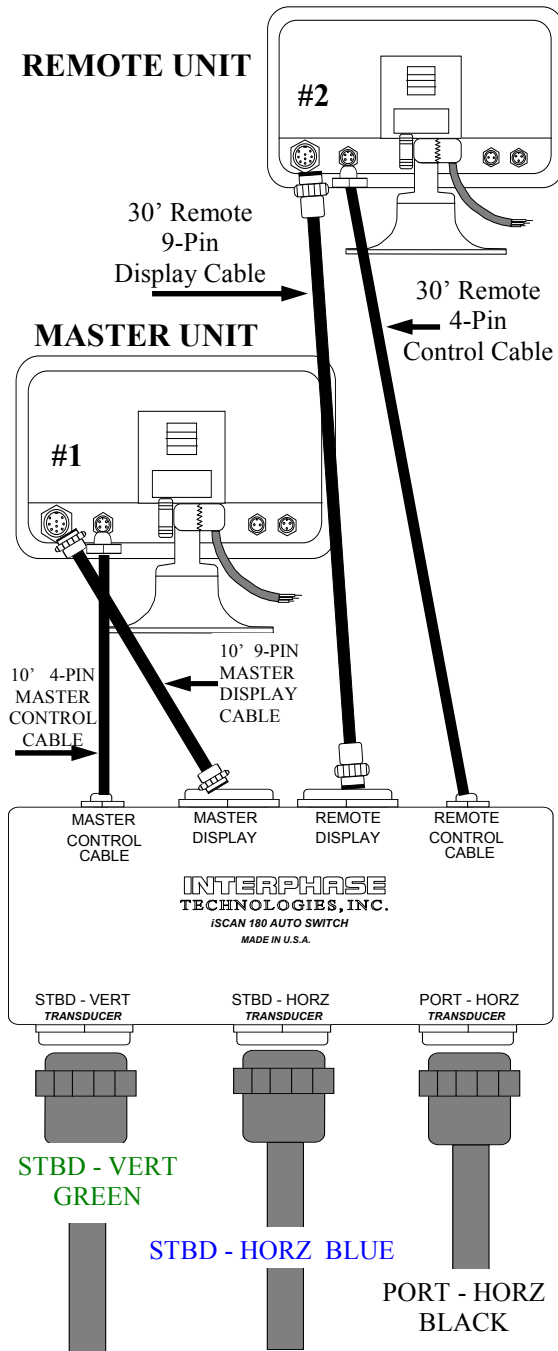
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Remote (2nd Station) Connections



The iScan 180 can operate with two displays: one being designated as the **Master (#1)** and the other as the **Remote (#2)**. The transducer cables connect to the **Auto Switch Module** which connects to the **Master (#1)** unit. The **Remote (#2)** is connected to the **Auto Switch Module** Via the **Remote Display** and **Remote Control** Cables.

The iScan 180 Display will operate as a stand-alone unit, a **Remote** or **Master** unit in a two display installation.

The iScan 180 **Remote Station Kit** includes A 9-pin 30' **Remote Display Cable** that carries the sonar information from the ASM to the display, and a 4-pin 30' **Remote Control Cable** that allows the Display to communicate with the ASM. Detailed connections are shown at left.

Once connected, you will need to go into the **SETUP** menu of each unit and set the Master Unit up as **MASTER (#1)** and the Remote Unit as the **REMOTE (#2)** unit.

In a two-station system, the **Master (#1)** must always be turned on. Then, if the **Remote PWR** button is pressed, the **Master (#1)** display will go into a standby mode while the **Remote (#2)** is being used. To re-activate the **Master (#1)** station, the **Master Display PWR** button needs to be briefly pressed (pressing for more than a few seconds will turn the Master off).

Note: When the PWR button on the **Master (#1)** is selected the **Remote (#2)** will turn off. When the **Remote (#2)** PWR button is pressed the **Master (#1)** will display the message: **Remote In Use Press PWR To Switch**.

If the **Master (#1)** is turned off, for any reason, both displays will not function.

- 30' Remote 9-Pin Display Cable - Part# 04-0014-009
Included with Remote Station Kit
- 30' Remote 4-Pin Control Cable - Part# 04-1055-000
Included with Remote Station Kit
- 10' 9-Pin Master Display Cable - Part# 04-0014-010
Included with Main Unit
- 10' 4-Pin Master Control Cable - Part# 04-1054-000
Included with Main Unit

Special Note: The iScan 180 CANNOT be operated by moving a single display from the Master to the Remote location. The system requires BOTH a Master and Remote unit.