

Mini-B Wiring Information

The Mini-B comes with a DB15 connector pre-wired with the most commonly used wires. Power and Ground are the only required electrical connections for basic operation of the instrument; the OAT, serial ports and Trig TT22 connections are all optional. The colors shown here correspond to the colors in the supplied wiring harness. Notes:

- The supplied wires are 4 feet long.
- The OAT, serial ports and Trig TT22 connections are all optional.
- OAT is required for true airspeed and density altitude calculations when the Mini does not have a serial connection to a working GRT Horizon or Sport EFIS display unit.
- Use Trig TT22 A and B connections for control and encoder information for the TT22.
- Any of the serial port pairs can be used:
 - to feed altitude encoder information to all transponders except the remote Trig TT22.
 - to connect the Mini to any GRT EFIS display unit for limited data sharing.

DB15 Pin No.	Use	Color
1	Serial 2 Out	YEL
2	Serial 2 In	YEL/WHT
3	Trig TT22 A	
4	Trig TT22 B	
5	Serial 1 Out	GRN
6	Serial 1 In	WHT/GRN
7	Ground	BLK
8	Power in: 8-30V	RED
9	Serial 3 Out	
10	Serial 3 In	
11	NC	
12	NC	
13	Future Use	
14	Future Use	
15	OAT	GRY