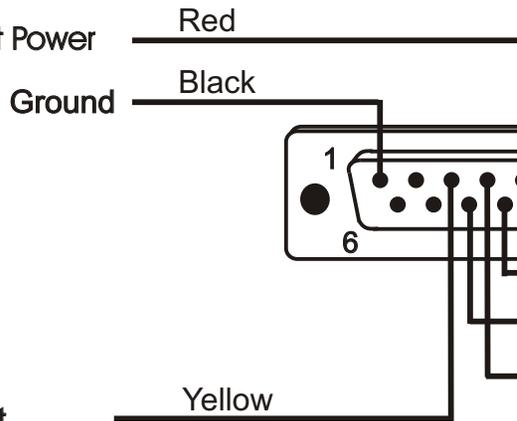


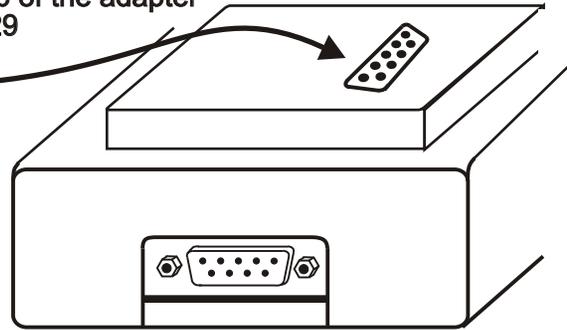
ARINC 429 Out - B Spare grounds here may be used for shield ground.

+12 Volts DC Aircraft Power

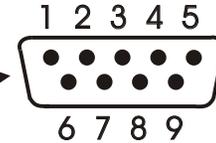


Serial Data In
Connect to Sport
EFIS serial port 4 output

Male 9-pin d-sub mates with connector on top of the adapter for all ARINC 429 connections.



Power Requirements
10-20 Volts DC
0.20 Amps



Pin numbering on connector housing. Shown from the rear of the female d-sub connector that mates with the adapter..

Configuring the EFIS

1. Using the Set Menu, "General Setup" pages, set "ARINC Module Connected" to "Yes".
2. The ARINC 429 module also provides a serial input and output. This port is configured on the "General Setup Pages" and is serial port 4. It replaces the serial port used by the ARINC module.
3. The serial port counter will not increment unless data is provided to the ARINC module. Thus, to test the ARINC module, wire it to a device that transmits ARINC 429 data, and verify the serial port counter changes.
4. If serial data is provided to the module, turn off the device that is providing ARINC 429 data, turn on the device that is providing serial data, and verify the serial port counter is changing.
5. If the serial and/or ARINC 429 outputs are used, verify the data is being transmitted to the devices that are to receive this data.

Notes:

1. Mount the module to avoid water, fuel, and extreme heat.
2. Turn off power to the module adapter when not in use to avoid discharging the aircraft's battery.
3. Wiring is shown to the connector that plugs into the adapter.
4. Current Draw is less than 0.2 amp. Power should be supplied to the unit through a breaker of 5 amps or less. It is acceptable to share a breaker with this and other equipment, provided that if the breaker opens, the loss of the equipment powered by that breaker does not cause an issue with the safety of flight.

ARINC 429 External Module

GRT Avionics, Inc.