



Hardware Questions

- *How much amperage does the DIDSON require at 24 Volts DC?*

The steady-state amperage is 1.25 A at 24 VDC, but during the boot sequence the sonar draws up to 2.1 A.

- *What is the purpose of the RS-232 port on the switch box? Not wired to anything.*

This is reserved for possible future use. The slot is used for a VGA DA-15 connector for systems with VGA output.

- *When connecting DC power supply directly to the switch box, do we use 12- or 24-V?*

If your system was ordered as 14-32Vdc input, then any voltage within this range may be used (nominally 24 Vdc). If a different voltage input range was ordered, then the applied voltage should fall within this range (may be somewhat higher to account for cable loss on long cable systems).

- *Long cable – we had a couple of instances in which the system was shut down by low voltage while using the long cable. When this happened we had difficulty re-establishing contact with the sonar. We think this is because the extender box was powered and the computer interpreted this as a signal that it was connected to a network. Appears you have to reboot software first, then plug in the extender box and connect to the sonar.*

You may wish to try a variable DC power supply running at 28-32V (2A capability minimum) on long (550 ft) cables if you are losing contact with the sonar.

- *What is the minimum system requirement for a laptop connected to a DIDSON?*

A laptop with Windows XP, 2 GHz, 512 MB memory, 1024x768 pixel display minimum, 1280x1024 display recommended, Ethernet port.