



# SDI-12 Support Group

SDI-12 Support Group  
165 East 500 South  
River Heights, Utah 84321

Winter 2009  
[www.sdi-12.org](http://www.sdi-12.org)

## Clarifications Added to the Specification

The SDI-12 Support Group's technical committee met on November 17, 2008. At that meeting, three clarifications were added to the SDI-12 Specification. The clarifications, with the new text shown in red, are:

### Section 3.0 SDI-12 Electrical Interface

Figure 1 shows the SDI-12 bus connecting one data recorder with two sensors. The SDI-12 bus is capable of having at least 10 sensors connected to it, each with 200 feet of cable. With fewer sensors, longer cable lengths are possible.

### Section 3.1.2 Impedance

Figure 2 shows an equivalent circuit. Due to this impedance, the maximum cable length depends on the capacitance of all cables connected to the SDI-12 data line.

### Section 4.4.5 Start Measurement Command (aM!)

A sensor should return a ttt value greater than the time it takes to make a measurement, to allow for timing tolerance and for the service request. (See section 4.4.6.) The data recorder may wait for the entire ttt time. Therefore, the tolerance above the measurement time, added to ttt, should be minimal.

No technical changes were made to the SDI-12 specification. Therefore, the version of SDI-12 will remain unchanged at version 1.3, dated January 12, 2009.

You can download a copy of the updated specification from: [www.sdi-12.org](http://www.sdi-12.org).

## 2008/2009 Membership Dues Are Now Due

Dues are \$200.00 for 2008/2009. (Starting in 2009/2010 membership dues will increase to \$300.00 per year.) Your dues help to promote SDI-12 and to maintain the specification. A dues solicitation is on the second page of this newsletter. If you are currently not a member of the SDI-12 Support Group, please join us.

Membership dues of \$ 200.00 are now due for 2008-2009.

Your continued support is needed and appreciated.

**Please join us if you are not already a member.**

Membership dues are not deductible as charitable contributions for Federal Income Tax purposes. The SDI-12 Support Group is a non-profit corporation, which is exempt from federal income taxes under section 501(a) of the Internal Revenue Code.

The current version of SDI-12 is version 1.3, January 12, 2009.

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Yearly membership dues of \$200.00 are due. Your dues help to promote SDI-12 and to maintain the specification. Dues are used to support our web page, pay postage, copy documents, and to reimburse travel expenses of the Board of Directors to the annual meetings. Other than travel expenses, Board Members receive no financial compensation from the Support Group.

Receipt of your dues will be most appreciated.

Amount due: \$ 200.00 (2008-2009 dues)

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