

APPLICATION ADVISORY

Volume 2, Number 2

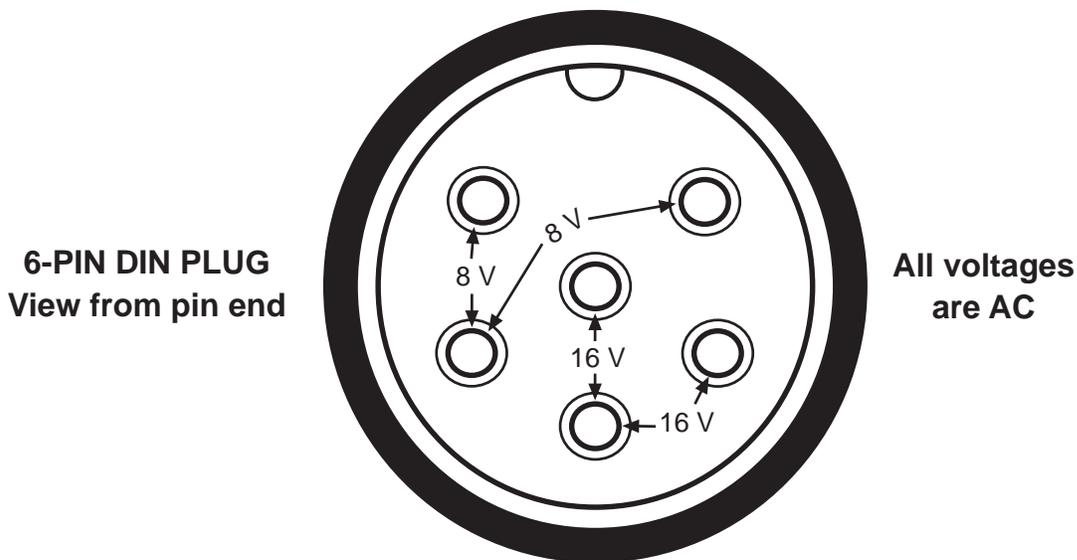
December 29, 1997

Xantech's **Application Advisory** defines and clarifies specific applications for our products to enable you to maximize their performance advantages. With a better understanding of the abilities and limitations of the product, you will know exactly which model to spec out for a given application. As with any type of product, each model will have its own unique abilities and limitations. Knowing these facts will save you time, money and unnecessary frustration. Please feel free to contact our Technical Support Department with any questions you may have.

ZPR68-10 and EXP9 POWER SUPPLY — VOLTAGES AT DIN PLUG PINS —

Q: I have a ZPR68-10 (or an EXP9) that is not operating. It seems that it may be a power supply problem, but I need to know what voltages to look for at the pins of the power supply DIN plug.

A: The voltages at the DIN plug are shown in the diagram below.



When troubleshooting, check the following:

1. Is the DIN plug molded onto the cable?
If it is, the power supply must be replaced. (A few of the early ones with molded-on plugs were wired incorrectly).
2. Measure the voltages at the DIN plug pins. They should read as shown above, ± 1.5 V.
CAUTION: Be careful not to short the pins when measuring. To do so may cause the internal fuse to blow, necessitating the replacement of the entire power supply!
3. If 1. and 2. are OK, then troubleshooting the ZPR68-10 or the EXP9 will be necessary.