Figure 5 — The schematic for the go-kit.

but you may want to use couplers in the holes on the plate and purchase short cables. I don't recommend building your own cables unless you have a tester available.

To complete construction, I used a red cable for the POE injectors and a blue cable for the data connections (see Figure 3).

Testing Your Work

Now that the build is complete, you'll want to turn on your go-kit and check for the presence of lights and absence of smoke. When testing the POE injectors, I took a bright LED light and installed it on a connector for testing the red jacks (see Figure 4).

Frank Kostelac, N7ZEV, earned his license in 1992, and is active in amateur television (ATV), Automatic Packet Reporting Systems (APRS), and HF and satellite communications. He enjoys creating things related to any form of RF communications and operating in the outback whenever possible. Frank serves as Nevada Section Technical Coordinator and is the COML for Clark County, Nevada, ARES Races. He can be reached at **frank@kostelac.com**.

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New Products

SSB-Electronic Germany SP 400 Low-Noise 70 MHz Preamplifier

SSB-Electronic in Germany has announced their new SP 400 mast preamplifier for the 4-meter band. When using sequence control, the maximum transmission power is 750 W PEP and 400 W CW/FM/WSJT. The preamplifier can be powered remotely via the coax cable through its output and supply voltage. The preamplifier is low-noise and has a coax relay for transmit/receive switching. For more details or to purchase, contact **sales@ssb-electronic.com** or visit **www.ssb.de**.

TurboLog 4.17 Update Now Available

TurboLog Communications has released TurboLog 4.17, the latest update of this station management program, which is immediately available on the TurboLog website. Some of the new features include real-time logging directly into Club Log; automatic feeding of contact information into the online QSL request system, OQRS; a progressive logbook search feature; WebHelp and Manual upgrades to the context-sensitive online help; new transceiver models have been included, and specific new features have been implemented in the code. For example, Power ON/OFF from within TurboLog 4 can now be commanded via the CAT interface, the Packet facility has been enhanced by specific alarm functions and displays, and the embedded *WSJT-X* and *JTDX* plug-ins have been improved. The full range of new features is presented at **http://www.turbolog.de**.