

## Warranty

This product is guaranteed for 2 years from the date of purchase against manufacturing defects. Should a problem develop, return the unit postage prepaid, along with the original sales receipt to:

**whirlwind**  
99 Ling Road  
Rochester, NY 14612  
716-663-8820  
Email: [sales@whirlwindusa.com](mailto:sales@whirlwindusa.com)  
Internet: [www.whirlwindusa.com](http://www.whirlwindusa.com)

If it is determined a manufacturing defect has occurred, we will repair or replace the unit, at our option, and pay the postage back to you.

## SC48EP SPEAKER CABLE ANALYZER



The whirlwind SC48 Speaker Cable Analyzer is a convenient device for fully testing professional multiline speaker cables. The simple yet comprehensive design can diagnose opens, shorts, incorrect wiring or even customized wiring configurations in cables with up to eight conductors. The SC48 will also test XLR cables and is powered by a single 9 volt battery.

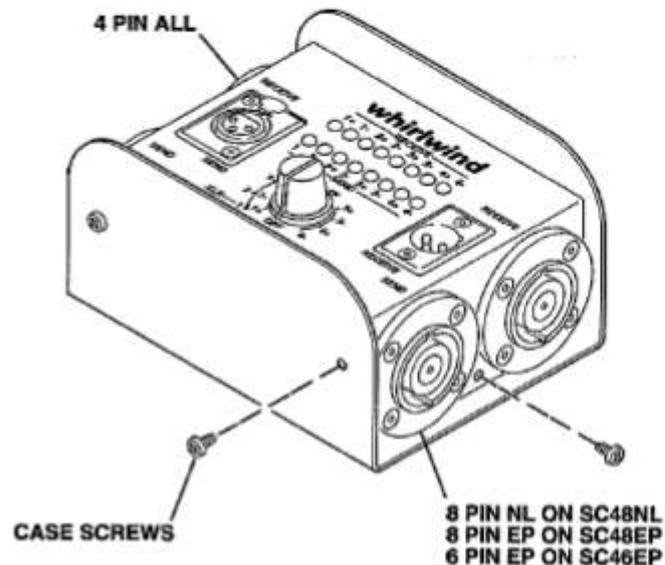
# whirlwind

## Operation

Connect one end of the test cable to the appropriate SEND connector and the other end to the mating RECEIVE connector. Turning the rotary switch from the off position will send current to one of the SEND LED indicators and to the same contact on the SEND connector. The current flows through the cable and into the RECEIVE connector and will light the corresponding RECEIVE LED in a cable wired to the same contact at each end. For cables wired pin to pin, rotating through all of the wired positions should light only the SEND and RECEIVE LED's for the conductor that the switch is testing. Cables with shorted conductors will light additional SEND and RECEIVE LED's identifying which wires the conductor being tested is shorted to. Cables with open conductors will have only the SEND LED lit. Combinations of shorts and opens will light patterns of LED's that can identify the fault conditions within the cable. The SC48 can also be used to test adapter cables and to identify custom wiring configurations.

## Service

(SC48NL SHOWN)



Removing the six case screws provides access to the 9 volt battery compartment. The battery should be changed when the send LED becomes dim.

This manual includes all models of the whirlwind Speaker Cable Analyzer, SC48EP, SC48NL, SC46EP.