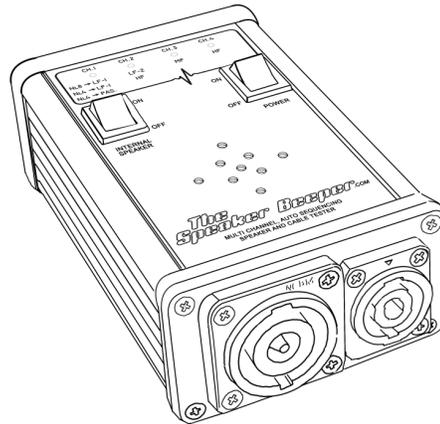


The Speaker Beeper

multi channel, auto sequencing
speaker & cable tester



OPERATION MANUAL

Thank you for purchasing the Speaker Beeper. The concept behind this product is to be a simple and easy way to quickly test each component within a single speaker enclosure. The Speaker Beeper does this by sending a short amplified, burst of tone approximately 800 Hz to each driver one at a time in sequence. The Speaker Beeper is capable of testing 2/way, 3/way and 4/way systems; it can test passive speakers systems as well.

The Speaker Beeper has an internal speaker wired in series for remote monitoring when you are not able to hear the speaker you are testing, whether it be in another location or in a very noisy environment or simply being stowed in its own wheel dolly, you will be able to hear if its components are working or not by listening to the internal speaker. If you choose not to use the internal speaker, turn the switch to off position which will increase the output level to the speaker being tested.

The Speaker Beeper is a useful tool for setting up speaker arrays by sending the sequencing tone through the speaker array and checking for vertical and horizontal coverage. The Speaker Beeper is designed to handle a direct short a crossed its outputs so you can hook up as many speakers as needed.

The Speaker Beeper puts out a sine-wave tone with a small DC voltage off-set to allow polarity checking of each speaker component, a forward motion of the speaker cone indicates in phase and a backward motion of the speaker cone indicates reverse phase.

CH.1	CH.2	CH.3	CH.4
○	○	○	○
NIB → LF-1	LF-2	MF	HF
NI4 → LF-1	HF		
NI4 → PAS.			

The LEDs on the display indicate which channel the tone is being sent to the speaker. If there is **no** tone while the LED is lit and a speaker is connected to the Speaker Beeper either means you have an open voice coil, a bad cable or there are no drivers on that channel. **NOTE:** If there are no speakers connected to The Speaker Beeper the internal speaker will not work.

INSTALLING THE BATTERIES

Remove all four phillips screws from the top plate of the speaker beeper. Carefully slide out the two battery holders and install new batteries, making sure the negative sides of the batteries are installed first against the metal springs of the battery holders. After batteries are installed carefully reinsert the battery holders into the speaker beeper and reinstall the top plate with all four screws. **NOTE:** be careful not to pinch battery wires between the top plate and the outside housing. Use only alkaline AA batteries. **Never substitute AA batteries with 9V batteries, permanent damage will occur to the unit if this done and warranties will be voided.**

SPECIFICATIONS

Connectors	NL4 & NL8
Output Level	¾ watt @ 8ohms 1 watt @ 4ohms
Sine-wave frequency	800Hz +/- 5%
Minimum Impedance	0 ohms
Power requirements	4 x AA batteries