

iNS-SPKR – iNS Field Replacement Speaker Module



The iNS-SPKR is a field replacement speaker module for an iNS (iNavigator S) Push Button Station (PBS).

It comes with wires attached and two Scotchlok crimp connectors for easy replacement of a speaker module in the field.

Replacement steps are as follows:

Note: It is not necessary to power down the unit as long as each speaker wire is cut individually.

1. Remove any sign/sign related mounting hardware.
2. While holding the bottom PBS module firmly against the aluminum back plate, pull forward on the speaker module until it detaches from the bottom module. Using a flat blade screwdriver to pry the two modules a part at the two locations with arrows, may be necessary.
3. Cut the speaker wires close to the speaker terminal so they are a minimum of 3" long, and remove the old speaker module.
4. Mount the new speaker module on the mating post of the PBS module with wires exposed through the gap between the modules, making sure they are not caught under bottom flange of the speaker module.
5. Pair together one wire from the bottom PBS module to one wire attached to the speaker, then crimp together using supplied Scotchlok crimp (2X).
6. Once both pairs of wires are spliced together, tuck wires and Scotchlok crimps into left speaker cavity and fully seat speaker module. Reinstall sign.

Note: This replacement speaker comes with a black wire soldered to each speaker terminal. On early production buttons the speaker had one black wire and one red wire. Because there is no polarity required on the speaker, we determine two different colored wires was confusing, so early on we changed to two black wires on production units. If the unit you are replacing a speaker on has a red wire, it does not matter which black wire on this replacement speaker you connect to the red wire. There is no polarity.