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Product
M760

Revision
All

Title **Wiring of Headset Jacks**

Description

A standard aviation headset is fitted with two plugs. The microphone plug has a slightly smaller diameter shaft (0.205" dia) than the headphone (0.250" dia). The microphone plug has three contacts termed:

- Base (ground)
- Ring (microphone signal)
- Tip (PTT – not normally wired)

The Headphone plug has two contacts for mono sets and three contacts for stereo sets. Stereo set will typically have a mono/stereo switch located on the lead. This is normally set to mono. The headphone contacts are termed:

- Base (ground)
- Ring (R channel)
- Tip (L Channel or audio signal for mono sets)

The jacks (or sockets) mate with the plugs, and the contacts correspond to the contacts on the headset plugs. Most aircraft are configured for mono audio, where a single audio signal line is wired to each headset jack. A single microphone audio line is wired to each microphone jack.

Each jack however has three contacts, and it is very important to wire to the correct terminals. Refer to the images below for correct connection.

