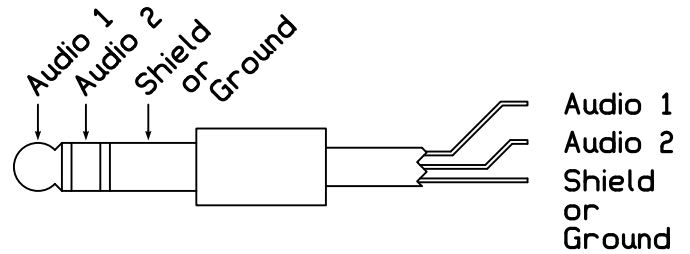


# Wiring the Audio Outputs of an O2D2

On the 3.5mm Plug, the Tip is the first Audio Output, the Ring is the second Audio Output, and the Barrel is the Shield or Ground. There is no need to designate Left or Right as both Audio Outputs provide the same signal.

## 3.5mm Stereo Audio Plug and Cable



The standard wiring option has one Audio Output wired to the Left Input and the other Audio Output wired to the Right Input.

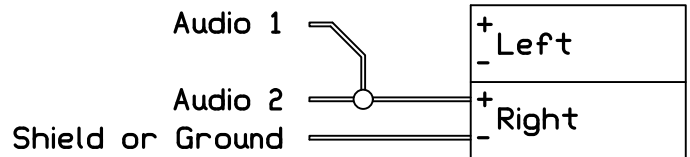
## Typical Communications Wiring



The Audio Outputs of an O2D2 are designed to drive standard stereo inputs with impedance from 1000  $\Omega$  to 10,000 $\Omega$ .

To accommodate a lower impedance input, parallel both Audio Outputs.

## Driving a Low Impedance Input



The outputs from one O2D2 may NOT be tied to the outputs from another O2D2. In the case of installing two O2D2 units in an aircraft, each should be given its own input to the communications system. If this is not an option, then wire the Audio Output of one O2D2 to the Left Input and the Audio Output of the other O2D2 to the Right Input.

## Two O2D2 units Driving One Input

