

# **IP7-MSR-BRD**

## Getting Started Guide



### **Introduction**

The **IP7-MSR-BRD** is an analog add-on board for the IP7-SE8 IP Intercom that allows an 8 Ohm speaker to be used as both a Microphone and Speaker. The IP7's onboard relay is used to do the switching and is not available.

The IP7-SE8 will be configured so that its internal Relay is activated whenever the Microphone is engaged. This will switch the Speaker outputs to the Microphone inputs so that the external Speaker can act as a microphone.

# Installation

- Plug the IP7-MSR directly into the IP7-SE8's **J1**, **J2** and **J3** connectors. (The IP7-SE8's Microphone, Speaker and Relay connectors are used by the IP7-MSR. All other connectors are passed through to the IP7-SE8)
- Attach the included cable to the **RJ-10** port on the IP7-MSR and the **EXT I/O** port on the IP7
- Using twisted *shielded* 18 AWG wire, connect the **SPKR 8Ω+ (J2-6)** and **SPKR 8Ω- (J2-7)** of the IP7-MSR to a suitable speaker. The 8 Ohm speaker should be no more than 200 feet away from the IP7-SE8
- Connect the shield to the IP7's **GND (J2-4)** connector. *Do not connect the shield to the speaker*
- Power up the IP7-SE8 and connect it to the network



# Configuration

- When configuring the IP7-SE8 using the TalkMaster FOUCS Administrator Console, open the **IP Endpoints** → **Options 1** tab. Under the **Relay Mode**, select the **Activate On...** option and then check **MIC**

