

## Marc Phone Hybrid Wiring & Operation

### **Connecting the Phone Hybrid to the Marc Phone Module.**

In the manual go to page 4.18

Connect the Caller output or output of the phone hybrid to the Phone module Input.

RJ-45 Input - - - - - Caller Output

1. Orange/White - - XLR pin 2 (+)
2. Orange - - - - -XLR pin 3 (-)
4. Blue - - - - -XLR pin 1 (GND)

Optional Logic Connections.

Most customers will not use this function because they want to talk to the caller off air. They will control the phone hybrid manually from the hybrids front panel.

RJ-45 Input - - - - - Hybrid remote on/off logic

8. Brown - - - - - On Hook (connect to phone line)
5. Blue/White - - - Off Hook (disconnect the phone line)
7. Brown/White - - Logic common (pin 8 and 5 will switch to logic common)

Connecting the phone hybrid Input or Send to the Phone Modules output.

RJ-45 Input - - - - - Send Input (audio going back to caller)

1. Orange/White - - XLR pin 2 (+)
2. Orange - - - - -XLR pin 3 (-)
4. Blue - - - - -XLR pin 1 (GND)

### **Phone Module Operation**

To place Caller on air turn on phone module and select a buss Pgm or Aud, or Util.

Off Line Function:

To talk to the caller off air turn off the announcer's microphone and the phone channel.

Now select Off Line on the phone channel. The announcer's microphone channel will feed it's audio back to the caller.

You can here the caller from the built in cue speaker.

The CR/Mic jumper must be installed on the announcer's microphone module. The factory default is microphone channel one has this jumper installed.

Also select the Cue button so you can feed the caller audio to the announcer's earphones as well as the cue speaker.

Option Two:

To talk to the caller off air by using the Utility Buss Function.

Another option is to select the Util buss switch for both the announcer's microphone and phone module. Have the monitor select switch to Util as well. This will provide your audio to your earphones and monitor speakers.

To talk to the caller off air turn off the Pgm buss select on the announcer's microphone and phone module. This will remove the announcer and caller audio from the program buss or on air.

To resume your on air conversation turn on the Pgm buss select switch on the announcers microphone and phone module.