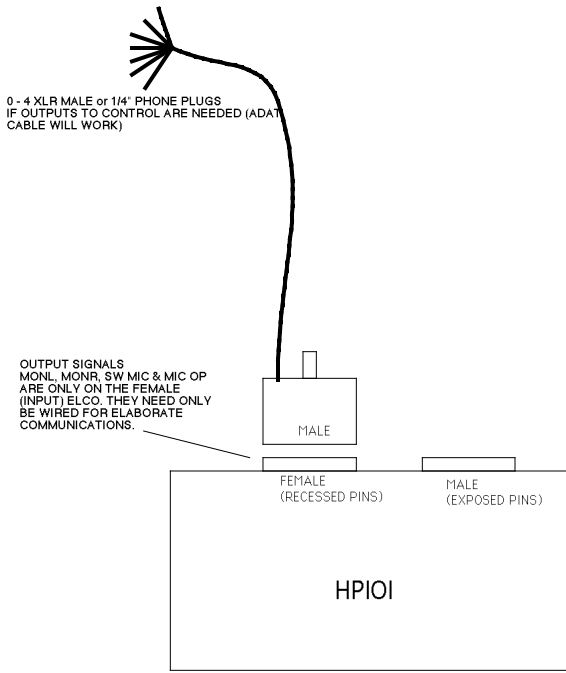


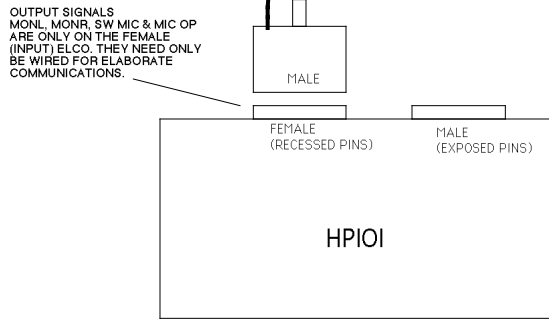
8 - 10 XLR FEMALE or 1/4" PHONE PLUGS



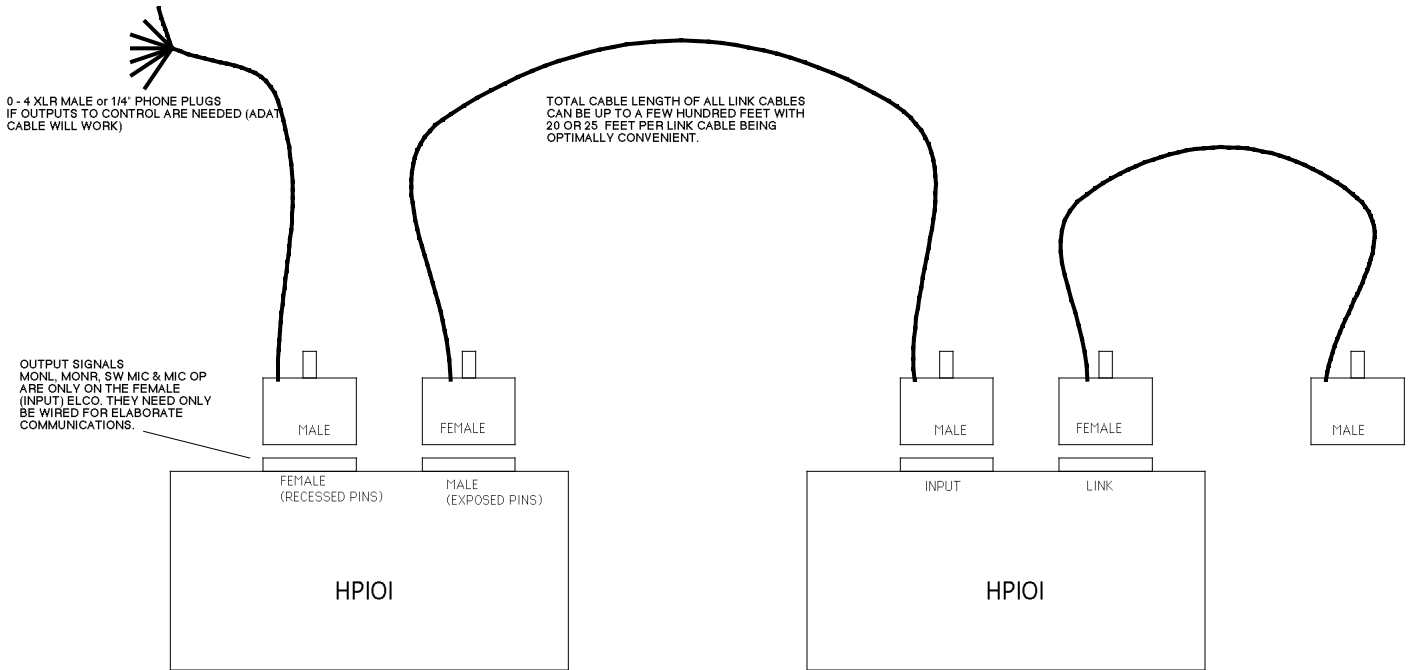
MOST LIKELY YOU WILL WANT TO PARALLEL ALL 8 INPUT SIGNALS AND THE LOGIC AND EXT TALKBACK LINES FOR SIMPLICITY. HOWEVER IF THE LOGIC LINES ARE INDIVIDUALLY ADDRESSED AND PROVISION IS RETAINED FOR BOX TO BOX LOGIC ALL DOORS ARE OPENED, THEN THE PRODUCER CAN THEN TALK TO INDIVIDUAL BOXES OR INTERRUPT ANY AND ALL BOXES.

THE BEST HOOK-UP IS THIS WAY OF BOXES TO INDIVIDUAL PANELS RATHER THAN CHAINING. THIS WAY INDIVIDUAL LOGIC CONTROL IS POSSIBLE (IF DESIRED). IT ALSO ALLOWS THE MIC, SWITCHED MIC AND MONITOR SIGNALS TO BE BROUGHT TO THE PATCHBAY.

SUGGESTION - WIRE UP THE CONTROL ROOM FOR ONE OR TWO BOXES TOO.



8 - 10 XLR FEMALE or 1/4" PHONE PLUGS



EXCEPT FOR THE MON L, MON R, SWITCHED MIC OP, AND MIC OP ALL LINES ON BOTH CONNECTORS ARE PARALLELED IN THE HP-101 - THAT MEANS THAT IF THE ABOVE SIGNALS ARE NOT USED, THEN IT REALLY DOESN'T MATTER WHICH ELCO IS USED FOR INPUT OR LINK. IN CASE YOU HAVE NO ADATS AVAILABLE, THEY ONLY USE A FEMALE ELCO 56 WAY. WE ADVISE BUILDING THE CABLES SO THAT THE CABLE EXITS THE BACK OF THE SHELL RATHER THAN THE SIDE. CONSIDERING HOW MANY PEOPLE MIS-WIRE A CONNECTOR YOU ARE ADVISED TO BUY A PIN REMOVAL TOOL, CRIMP PINS AND THE SPECIAL CRIMPER IS EASIER AND MORE RELIABLE THAN SOLDER PINS, HEAT SHRINK, AND LONG THIN TIPS FOR YOUR IRON.

ON THE LINK CABLES WE BUILD, WE DO NOT USE THE MIC OP LINE BUT WE DO USE THE (NEW) SWITCHED MIC OP LINE. WE SHARE ONE PAIR FOR MONL & MON R SO THAT A 12 PAIR CABLE IS ALL WE NEED. IF YOU DECIDE TO USE A 10 PAIR USE THE LOGIC AND EXT TALK LINES. IF YOU USE AN 8 PAIR YOU LOSE LOGIC AND COMMUNICATION BETWEEN STATIONS AND HAVE TO ANSWER "WHY DOESN'T THIS "TALK" BUTTON WORK?"

LASTLY TRY TO BE CAREFUL WITH HANDLING OF ELCO CABLES. THE PINS AND METAL SHELLS ARE MORE ROBUST THAN MOST MULTI-CONNECTORS BUT THE BLUE / GREEN PLASTIC CAN BREAK AND LOCKING SCREWS CAN STRIP. THE MOST TYPICAL PROBLEM IS MULTI-PAIR CABLE THAT GETS PERMANENT KINKS FROM BAD "WRAPPING".

THE EXTERNAL TALKBACK LINE IS A BI-DIRECTIONAL BUSS. IT IS USED FOR BOX TO BOX COMMUNICATION WITH THE LOGIC LINES. IT CAN ALSO BE USED FOR CONTROL ROOM TO BOX. CONTROL ROOM SEND LEVEL IS DETERMINED BY ITS SOURCE IMPEDANCE. IE LOW Z WILL KILL BOX TO BOX. MED Z (2K-5K) WILL MIX WITH BOX TO BOX COMMUNICATION.