



AD950 Telephone Interconnect (Patch)

Operating Instructions

The AD950 has been designed to be as simple as possible to use and is dedicated to connecting a Pro Intercom (or compatible) to a phone line. This version will not work with Telex[®] or RTS[®] systems.

Connections:

1. Connect the AD950 to the intercom system just as if it were another beltpack, using the 3-pin XLR on the rear panel marked "Intercom In". If the AD950 is not at the end of an intercom spur, you may use the XLR marked "Intercom Out" to link onwards to the next intercom station in the system. Note that the AD950 will only be accessible to the intercom channel to which it is connected. Once connected to the intercom system, with the system active, the green LED marked "Ready", on the front panel should light.
2. Connect the RJ11 jack on the rear panel marked "Line" to an active standard telephone jack for which you know the telephone number.
3. If you wish to initiate the connection from the location of the intercom system, connect an inexpensive telephone handset (not supplied) with a built in standard DTMF keypad to the RJ11 jack marked "Phone".

Operation:

1. Place the "Hook" switch in the "On" position. The yellow "On Hook" LED should light. This is the same as hanging up a regular telephone. If the "Hook" switch is on the "Off" position, an incoming call will get a busy signal.
2. To connect to the intercom system from outside, have the person call the number to which the AD950 is connected. When the red "Ringing" LED lights, move the "Hook" switch from "On" to "Off". The connection is now established. Unfortunately there are wide variations in the levels that telephone companies provide, so it may be necessary to adjust the recessed "Level" control to match the level to the intercom system. This is a 15-turn control, so small amounts of rotation will not make much difference. You are searching for the "sweet spot" where the signal is strong and the noise low. A little patience will yield good results. To end the connection, simply move the "Hook" switch to the "On" position.
3. To initiate the call from the intercom location, connect your handset (not provided) to the RJ11 jack marked "Phone" on the rear panel, move the "Hook" switch on the AD950 to "On" and dial the number to be connected using the handset's keypad. When the connection is made move the AD950 "Hook Switch" to "Off". You may disconnect the handset, or leave it in place. Once again, you may have to adjust the level to match the local telephone company's signal to the intercom. The connection is ended in the same way, by moving the "Hook" switch to the "On" position.

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