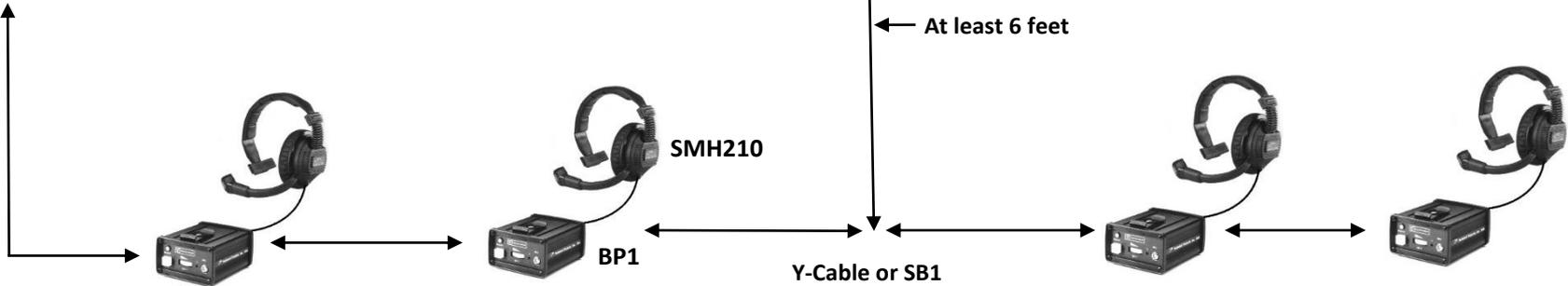


AD913 Layout



The AD913 provides you with the ability to add 1, 2, or more standard wireless transceivers (walkie-talkies) to your cabled system. The AD913 is added to one of the circuits in your cabled system just as if it were another belt-pack, using the 3-pin female XLR on the rear panel. There is a second 3-pin male XLR usually used for looping onwards to the next station in the circuit, but in the case of the AD913, we recommend that you do not use it. One of your transceivers is connected to the 6-pin XLR on the back of the AD913. The other end of this cable connects to the jacks on the transceiver normally used to attach a headset or speaker/mic. For this reason, this cable will be specific to the make and model of transceiver you are using in this position. Pro Intercom can prepare cables for most makes and models of transceivers. The cost varies greatly depending upon the maker of the transceiver, and what they charge us for the mating plug. This cable must be ordered separately. Provide us with the transceiver make and model and we will give you a quote, and then build it for you.

Your transceivers should be of professional quality, and operate in the UHF band.

The use of consumer products such as 'Family Radio Service' devices is not recommended and is not considered proper use of them by the FCC. The appropriate transceivers are referred to as 'Land Mobile' devices and are sold by specialty dealers.

Some common makes are ICOM®, Motorola®, and Kenwood®.

The AD913 and its attached transceiver now become the 'base station' for your system. Any other transceiver on the same frequency as the 'base' can now communicate with the cabled stations on the same circuit as the AD913.

These transceivers are all designed to be SIMPLEX, meaning that they can be listening or transmitting, but cannot do both at the same time. Therefore a button must be pressed to shift to the transmit mode. In order to cause the base transceiver to transmit, the AD913 triggers the same circuit in the base transceiver that the talk button would activate. To make this happen, and for the cabled stations to talk to the remote transceiver(s) the user must press and hold the signal button on their station and speak into their headset. When the signal button is released, the remote transceiver replies by pressing the talk button on their radio. Since the transceivers are simplex this conversation can only happen in one direction at a time. The reply will be heard on all the cabled stations. We strongly recommend that the remote transceiver(s) be equipped with a headset which has a press-to-talk switch on its cable. In this way the radio can be worn on the back, and the button can be conveniently clipped on the front of the operator's clothing.

Pro Intercom LLC does not offer full duplex (simultaneous talk/listen) wireless belt-packs at this time.