

PBX Integration with Cloud Models

Q:

A: We normally suggest one of the Baldwin Boxall BT Interfaces:

<https://www.baldwinboxall.co.uk/bt-interfaces/>

For integrating our products with an analogue PABX. Note that although the two Baldwin Boxall units provide the common feature of obtaining a mic/line level analogue output from the PABX connection, there are some key differences which are important depending on your application, and which of our products you are looking to integrate with.

The BT-8 provides 8 relay outputs that are compatible with our “access contacts” featured on our mixers, which are used to pre-select the zones being paged. Zones can be selected via DTMF from the telephone keypad when making the call. It also has the ability to record the message, but delay sending it until the caller hangs up – this can be useful in preventing feedback in areas where loudspeakers might interfere with the telephone handset.

The BT-5 is designed for a single zone application, or, where a “Call-all” to all zones is all that will be performed. In this instance, its single relay output can be connected to as many of our access contacts as necessary, allowing a simultaneous “call-all” to those zones.

Both units feature both a mic and a line output, so the mic input could be used with the analogue page mic input on one of our zone mixers, or depending on the application, the line output could be fed direct to an amplifier.

To summarise: our zoning mixer / mixer-amplifier products, feature an analogue paging interface which makes use of “access contacts”, one for each zone, to control what gets paged, from a single microphone audio input. By using the analogue paging interface to our products, you will retain all of the standard priority functionality inherent in our paging behaviour. The Baldwin Boxall products are pretty much unique in being able to provide this kind of interface.