

BT5 Single Zone Dial Up Interface

Features:

- Automatic restoration after message broadcast
- Flexible outputs to connect to any amplifier input
- Priority output to access amplifiers with switched inputs
- BT approved item for connection to public networks
- Optional pre-announcement chime card available



Public Address Interface

The **BT5 Single Zone Dial Up Interface** is a free standing, self-powered unit with full British Telecom approval.

The **BT5** connects a single amplifier within the P A system to the telephone system by plugging into the extension socket where a conventional telephone would be used (the BT5 telephone jack plugs into the two-wire master socket).

The **BT5** connects to the amplifier input using screened cable which must be grounded at both ends, with the correct output selectable from line to microphone level, with priority control available where required. When this extension is dialled from another handset the ringing current is detected and the BT5 will loop the line. An acknowledging tone, and with the **MIM33 optional model**; a chime is sent to the caller

indicating that an announcement may now be made which will be conveyed over the PA system. Once the announcement is complete and the caller's handset is replaced, the BT5 will disconnect from the PA system and release the interface extension, thus making it ready to accept another call.

Ring voltage	11V @ 50Hz
REN value	1.0
Mic output level	5mV @ 22 ohms
Line output level	0dBm @ 600 ohms
Engaged tone	600 Hz, 250ms on - 250ms off, -13dBm
Acknowledge tone	600 Hz, 2 sec @ -13dBm
Tone level to line	-13dBm
Min line level to hold	30mA
Time out delay	normal 28 sec - engaged/busy 8 sec
K break	n/a
Voice operated switch	absence of caller speaking
DTMF tone	n/a
Zone select outputs	n/a
Amplifier access output	1 x NPN open collector 40V @ 100mA max
Amplifier busy input	connects to 0V via amp busy
Supply input	220-240V, 50Hz
Fuse protection	50mA (F) 250mA (T)
Dimensions mm W x H x D	270 x 122 x 70