

Tek-ENTRY TekTip: Testing procedures for the IR104C and IR204B 4-wire apartment stations

The IR104C/IR204B Apartment Intercom Stations are for use where clear voice communication and a door release feature are desirable or necessary. These suite stations are equipped with momentary action push buttons for TALK, LISTEN and DOOR operation. The speaker/microphone is a high sensitivity type with voice frequency response.

Screw terminal connections are used, and the required wiring involves only 3 common and 1 selective wires.

For testing purposes, follow these guidelines:

Equipment needed: Music source, such as an EK714WA Radio or a transistor radio capable of delivering .5W into a 45 ohm load.

Method:

1. Connect music source to IR104C/IR204B terminals 1 and X. Music should be heard in station speaker. Notice sound quality.
2. Connect music source to IR104C/IR204B terminal 1 and 2.
 1. Push TALK button on station; music should be heard.
 2. Push LISTEN button on station; music should not be heard.
 3. Push LISTEN and DOOR buttons together on station and music should be heard.
3. Connect music source to IR104C/IR204B terminal 1 and 3. Push LISTEN button on station and music should be heard.

If all these steps are accomplished successfully, then the IR104B/IR204B should be considered satisfactory.

(Mar. 1984)