



IS543 'Universal' Apartment Intercom Station (5/4/3-wire)



Architects' And Engineers' Specifications

Universal' apartment stations shall be Alpha Communications® model IS543 or approved equal, equipped with momentary action push-buttons for TALK, LISTEN, and DOOR operation. Each push-button shall have both English and Universal Graphic Symbol imprinting, as well as Braille lettering. The mylar cone speaker/microphone shall be a 2.5" high sensitivity type with voice-frequency response. Screw terminal connections shall be provided for positive wiring termination, and the patented* design shall allow for connection to popular 5-wire, 4-wire or 3-wire intercom system configurations. The station shall be molded of high-impact, flame retardant ABS plastic, in a white finish.

The IS543 shall be supplied with 2 vertical and 2 horizontal mounting holes, to allow surface mounting over a single-gang electrical box or mounting ring, or over the popular IH101 and/or IH102 flush housing(s). Four (4) mounting hole plugs shall be provided for covering the four (4) mounting holes and two (2) mounting screws (provided).

Contractor shall observe all local and national electrical and building codes.

IS543 'Universal' Apartment Intercom Station

The Alpha Communications® IS543 is a universal apartment intercom station which combines modern styling with ease of operation to provide natural, clear voice communication and positive door release operation. The white, high-impact, ABS plastic faceplate blends with any decor. The advanced circuitry and versatility permits use in large or small buildings, with one or several entrances.

The patented* design of this station allows for connection to popular 5-wire, 4-wire or 3-wire intercom system configurations, with a single model station. In addition, the 2 vertical and 2 horizontal mounting holes allow the IS543 to mount over a single-gang electrical back box (or mounting ring) or over the IH101 and/or IH102 flush housing(s). This unit replaces at least 6 models of existing intercom stations! With the addition of the optional model AP543 adapter plate, you can now replace 9 existing stations.

A wide variety of optional accessories is available to provide additional functions such as multiple entrance operation, post office door release, etc.

Features

- Surface mounting or mounts over flush housing
- Simple, push button operation
- Easy installation
- Patented* design allows use on 5-wire, 4-wire or 3-wire systems
- Clear voice-quality
- Precision-engineered for reliability
- English and international (graphic) symbols
- Braille lettering on faceplate

Specifications

| | |
|---------------------|--|
| Dimensions: | Height: 7.00" (178mm) Width: 5.00" (127mm) Projects: 1.00" (26mm) from mounting surface |
| Finish: | Durable, high-impact ABS plastic. |
| Controls: | Individually replaceable type push buttons with self-wiping contacts. Identified for TALK, LISTEN, and DOOR functions. |
| Speaker/Mic: | 2.50" (62.5mm) mylar cone with voice response. Also used for electronic tone signal. |
| Connections: | Screw terminals standard. |
| Housing: | Surface mounts over single gang electrical box or mounting ring, or right on the wall, or over the IH101 and/or IH102 flush housing(s) |

NOTE: We call the IS543 station a "universal" station because of its flexibility to replace many existing intercom stations, due to its dual mounting capabilities and multiple wiring options. It is not capable of replacing every type of intercom station. Please contact our technical dept. for more information on capability.