



PK543A Apartment Intercom Amplifier for 5-, 4- & 3-Wire Remote Stations Specification Sheet



FEATURES

The PK543A Apartment Intercom Amplifier is a self-contained unit that does not require an external amplifier. The PK543A is designed for use with 3-, 4- or 5-wire apartment remote stations and provides amplification, control and power circuits needed to operate a complete apartment intercom system. Voice volume control and tone volume control are easily adjustable through the screwdriver opening on the front panel.

Additional functions include multiple door entrance operation with the PK502B; AC, DC or Maglock configurations with three selectable delayed door timing modes; post office door lock release; steady or warble call tones; power LED; selectable door button hold timeout; and selectable talk before door interlock (available for 4-wire stations only).

SPECIFICATIONS

- Dimensions: Height: 5.5" (140 mm)
 Width: 3.125" (80 mm)
 Depth: 2" (51 mm)
- Construction: Flame-retardant (UL® 94V-0) plastic
- Amplification: Integrated Circuit amplifier including amplifier with frequency response, adjusted for ideal voice quality.
- Call Tone: Integrated circuit oscillator with steady and warble modes
- Door Release: AC, DC or Maglock (12 VDC/24 VDC)
- Controls: Voice Volume, Tone Volume and Dipswitches for selectable modes
- Connections: Polarized plug-in type
- Power Required: 16 VAC, 10 VA
- Mounting: Surface mount

REQUIRED COMPONENTS

- | | |
|-----------------|-----------------|
| AM or CM series | Entrance Panels |
| IR Series | Remote Stations |
| SS Series | Transformers |

ARCHITECTS' AND ENGINEERS' SPECIFICATION

The intercom amplifier shall be PK543A or approved equal, and shall provide the amplification, control and power circuits needed to operate the entire intercom system. The amplifier shall feature integrated circuit amplification, integrated circuit tone oscillator (supporting steady and warble tone modes). User access to the voice volume control and call tone volume control shall be provided for field adjustment.

Unit shall also provide for AC, DC or Maglock (12 VDC/24 VDC) door release with three selectable delayed door timing modes and support for postal lock door access control. Steady and warble tone options shall be available to provide identification of call source from entrance panel or suite call button. Unit shall include power LED and selectable options to provide door button hold timeout and talk interlock (talk button must be pressed before door button is pressed—available for 4-wire stations only). A specific function connector shall be provided to facilitate connection to devices that provide multiple entrance panel functionality. Low voltage wiring shall be used and plug-in type terminals shall be provided for installation wiring.