



**PK543 Intercom Amplifier**  
(shown without wiring harness)

### ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The intercom amplifier shall be Alpha Communications®/Tektone® model PK543 or approved equal and shall provide amplification, control and power circuits needed to operate the entire intercom system. The amplifier shall feature integrated circuit amplification, integrated circuit call tone oscillator, adjustable volume and tone volume controls. Unit will also provide for AC or DC door release operation selectable by terminal connection, and selectable delayed door timing of 8 or 16 seconds selected via the DIP switch. A steady or warble tone is available to identify a call from the entrance panel and/or call button at suite entrance.

Low voltage wiring shall be used and plug in type wiring harness, with pigtail connectors, shall be provided for installation wiring.

The PK543 shall be mountable to rear of specifically designed Alpha Communications®/Tektone® apartment entrance speaker panels.

The PK543 shall be UL®/cUL® listed and CSA approved. Contractor shall observe all local and national electrical codes.

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## PK543 Apartment Intercom Amplifier

The Alpha Communications® PK543 Power Pack Amplifier is a self-contained unit not requiring an external amplifier. The PK543 is designed for use with 3, 4 or 5 wire apartment speaker type 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 slot on the front panel. Additional functions include multiple entrance operation selectable by terminal connection with selectable delayed action door release set at the DIP switch, post office door lock release, and a tone signal to call remote stations. A steady or warble tone can be used to identify calling from the main entrance panel and/or the call button located at the suite entrance. PK543 is listed with UL®, cUL® and is approved by CSA.

### SPECIFICATIONS

- Dimensions:** Height: 5.50" (140mm)  
Width: 3.125" (83mm)  
Depth: 2.00" (51mm)
- Construction:** Rugged ABS White Plastic Casing.
- Environment:** 0°-30°C (32°-86°F)
- Amplification:** Integrated circuit amplifier including amplifier with frequency response adjusted for ideal voice quality.
- Call Tone:** Integrated circuit oscillator
- Door Release:** AC or DC operation with selectable timing. P.O. door lock release.
- Controls:**
  - Voice volume
  - Tone volume
  - Programming switches:
    - 1 Door Delay
    - 2 Short Door Time
    - 3 Entrance Tone
    - 4 not used
- Connections:** Polarized plug in type wiring harness
- Power Req.:** 16VAC, 10VA
- Mounting:** Surface mount or mountable to the rear of specifically designed apartment entrance speaker panels.

*Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.*