

APARTMENT INTERCOM AMP AND 5-4-3 WIRE POWER PACK

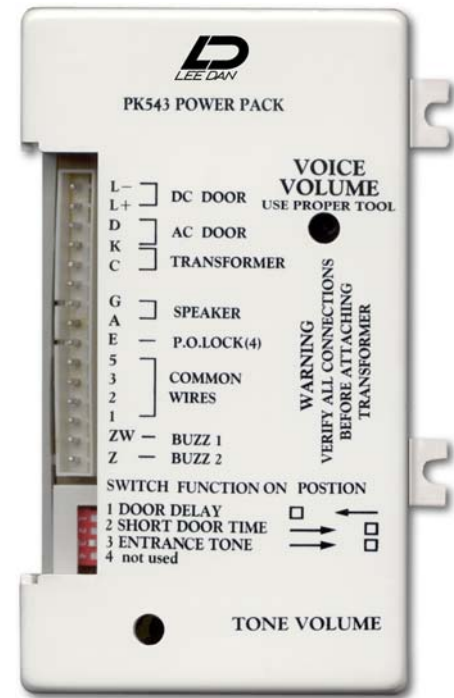
The PK-543 Power Pack Intercom Amplifier is a self-contained unit not requiring an external amplifier. The PK-543 is designed for use with most 3-4-5 wire apartment stations and provides amplification control and power circuits needed to operate a complete apartment intercom system. Voice volume control and tone volume control are easily adjustable through the screwdriver slot on the front panel.

PK-543 is the most popular and most versatile apartment intercom amplifier

Additional functions include multi-entrance operation with the PK-502B, AC or DC door 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 a call button located at the suite entrance.

SPECIFICATIONS

- Dimensions:** Height: 5 1/2" Width: 3 1/8" Depth: 2"
- Construction:** Rugged ABS Plastic Casing.
- Amplification:** Integrated circuit amplifier including amplifier with frequency response adjusted for best voice articulation.
- Call Tone:** Integrated circuit oscillator.
- Door Release:** AC or DC operation with selectable timing.
- P.O. Release:** 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.
- Power Req.:** 16 VAC, 10VA
- Mounting:** Surface, or mount to the rear of specifically designed apartment entrance speaker panels.
- Replaces:** LEE DAN® models: PK-104B, PK-103B, PK-103A, PK-101A. Also replaces many other brands and models (see back, or call for info).



PK-543 POWER PACK

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The intercom amplifier shall be a LEE DAN model PK-543 or approved equal and shall provide the amplification, control and power circuits needed to operate the entire intercom system. Amplifier shall feature integrated circuit amplification, integrated circuit tone call oscillator, adjustable volume and tone volume controls. Amplifier shall provide for AC or DC door release operation selectable by terminal connection and selectable delayed door timing of 8 seconds or 16 seconds selected at the DIP switch. A steady or warble tone is available to identify calling entrance.

Low voltage wiring shall be used and plug-in type terminals shall be provided for installation wiring. Non plug-in connectors shall not be acceptable.

The PK-543 shall be mountable to the rear of specifically designed LEE DAN apartment entrance speaker panels.

**PK-543 replaces so many other brands,
it may be the only amplifier you ever need!**

LEE DAN® CROSS REFERENCE WIRING GUIDE FOR PK-543

| LEE DAN® / TekTone® AMPLIFIERS | | | | FLORENCE | HOUSING DEVICES | JERON | AUTH | MIRSTONE | | | AMERICAN DEVICE |
|-----------------------------------|---------|---------|---------|----------|--------------------|-------|----------------------|-------------------------|--------|--------|--------------------|
| PK-543 | PK-104B | PK-103B | PK-101A | FMC-10 | ACS-30 | 5010 | 3085 3087 3088 | MA210 MA211 MA330 | MA401C | MA485A | AD700 |
| D | D | D | D | B | DR | DS | DO | L1 | L1 | L3 | DO |
| K | K + L | K + L | K + L | A, AC | DR,A.C. | AC,DS | AC2 | T2, L2 | T2, L2 | T2 | AC |
| C | C | C | C | AC | A.C. | AC | AC1 | T1 | T1 | T1 | AC |
| G | G | G | G | C | SP | LC | V2 | S2 | S2 | S2 | S |
| A | A | A | A | S | SP | LL | V1 | S1 | S1 | S1 | S |
| E | E | E | E, 4 | 1 | 5 | D | | | | | |
| 5 | | 5 | | | | | | | | | |
| 3 | 3 | | 3 | 2(A) | 3 | | D,PT,T | C | 3 | 3 | B |
| 2 | 2 | | 2 | 3(B)(A) | 2 | L(A) | - | D,A | 1 | 1 | C,D |
| 1 | 1 | 1 | 1 | C | 1 | C | C | B | 2 | 2 | A |
| ZW | Z | Z | Z | P | BZ | SC | B | E | Z | Z | LB |
| Z | | | | | | | | | | | |

NOTES:

- The above chart may be used to substitute *LEE DAN* model PK-543 Amplifier in place of the other amplifiers shown. Please note — this does not mean the PK-543 may be replaced by any of the other Manufacturer's Amplifiers shown.
- This chart is intended solely as a guide. Compatibility can not always be guaranteed.
- For Call Tone at Entrance Panel, enable switch #3 on PK-543. Put jumper between Z and W on PK-104B, PK-103B.
- (A) above: Install a 15 microfarad 25v non-polar capacitor, (model 15-MFD) between PK-543 terminals 2 and 3 when substituting either the Jeron 5010 or the Florence FMC-10 amplifiers.
(B) above: Install a 47 ohm 1/2 watt resistor (model RS-047/2) in series with terminal #2 on PK-543 amplifier when substituting for Florence Model FMC-10.

STATION COMPATIBILITY:

PK-543 is compatible with these *LEE DAN* apartment intercom stations: IR-081B, IR-081C, IR-081D, IR-082A, IR-082C, IR-082D, IR-103A, IR-103B, IR-104, IR-104B, IR-105, IR-105B, IR-107A, IR-107AG, IR-107C, IR-107CG, IR-107D, IR-107DG, IR-147A, IR-203, IR-204, IR-205, IR-207, IR-207A, IR-307, IR-307A, IR-307C, IR-307D, IR-403, IR-404, IR-405, IR-413, IR-414, IR-415, IR-423, IR-424, IR-425, IR-433, IR-434, IR-435, IR-443, IR-443SS, IR-444, IR-444SS, IR-445, IR-445SS, IR-453, IR-454, IR-455, IR-463, IR-463SS, IR-464, IR-464SS, IR-465, IR-465SS.

PK-543 compatible stations can often, but not always be intermixed within a system. Contact factory to verify compatibility.



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