

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

The PK-543A (PK543A) Power Pack Intercom Amplifier is a self-contained unit not requiring an external amplifier. The PK-543A is designed for use with most 3, 4, or 5 wire apartment intercom 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-543A is the most popular and most versatile apartment intercom amplifier

Additional functions include multi-entrance operation with the PK-502B (PK502B), AC, DC or Maglock door release with 3 selectable delayed action door release timing modes, post office door lock release, steady or warble call tones, power LED, selectable door button hold time-out, selectable talk before door interlock (interlock feature for use with 4-wire stations only).

SPECIFICATIONS

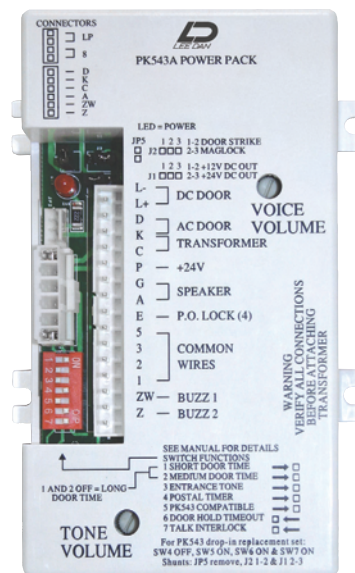
- Dimensions:** Height: 5 1/2" Width: 3 1/8" Depth: 2"
- Construction:** Rugged flame-retardant (UL® 94V-0) plastic.
- Amplification:** Integrated circuit amplifier including amplifier with frequency response adjusted for best voice articulation.
- Call Tone:** Integrated circuit oscillator. Steady/Warble tones.
- Door Release:** AC, DC or Maglock (12VDC/24VDC) operation with selectable timing.
- P.O. Release:** P.O. door lock release.
- Controls:** Voice volume, Tone volume.

Programming Dip Switches*

- 1+2) Short, Medium, Long Door Delay 3) Entrance Tone
- 4) Postal Control Timer 4+5) PK-543 Drop-In Replacement
- 6) Door Hold Time Out 7) Talk Interlock (4-wire)

*See IN-826 diagram, page 2 for all dip switch and shunt settings.

- Connections:** Polarized plug in type, included.
- Power Req.:** 16 VAC, 10VA
- Mounting:** Surface, or mount to the rear of specifically designed apartment entrance speaker panels.
- Replaces:** LEE DAN® models: PK-543, PK543, PK-104B, PK-103B, PK-103A, PK-101A. Also replaces many other brands and models (see back, or call for info)



PK-543A POWER PACK

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The intercom amplifier shall be a LEE DAN® model PK-543A (PK543A) 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 (supporting steady and warble tone modes), user adjustable volume and tone volume controls.

Amplifier shall provide for AC, DC or Maglock (12VDC/24VDC) door release with 3 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 time-out and talk interlock (talk button must be pressed before door button is pressed before door release will function; available for 4-wire stations only). A specific function connector shall be provided to facilitate connection to devices that provide multiple entrance panel functionality, such as LEE DAN® PK-502B.

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.

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

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

CROSS REFERENCE WIRING GUIDE FOR PK-543A

LEE DAN® / TekTone® AMPLIFIERS					FLORENCE	HOUSING DEVICES	JERON	AUTH	MIRTONE			AMERICAN DEVICE
PK-543A Newest!	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	D	B	DR	DS	DO	L1	L1	L3	DO
K	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	C	AC	A.C.	AC	AC1	T1	T1	T1	AC
G	G	G	G	G	C	SP	LC	V2	S2	S2	S2	S
A	A	A	A	A	S	SP	LL	V1	S1	S1	S1	S
E	E	E	E	E, 4	1	5	D					
5	5		5									
3	3	3		3	2(A)	3		D,PT,T	C	3	3	B
2	2	2		2	3(B)(A)	2	L(A)	-	D,A	1	1	C,D
1	1	1	1	1	C	1	C	C	B	2	2	A
ZW	ZW	Z	Z	Z	P	BZ	SC	B	E	Z	Z	LB
Z	Z											

NOTES:

- Above chart may be used to substitute LEE DAN® model PK-543A (PK543A, PK-543AL) Amplifier in place of the other amplifiers shown. Please note — this does not mean the PK-543A may be replaced by any of the other Manufacturer's Amplifiers shown.
- This chart is intended solely as a guide. Compatibility cannot always be guaranteed.
- For Call Tone at Entrance Panel, enable switch #3 on PK-543A (and older 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-543A (and older 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-543A (and older PK-543) amplifier when substituting for Florence Model FMC-10.
- Only LEE DAN® is a trademarks of Lee Dan Communications, Inc. All other trademarks are property of their respective companies.

AMPLIFIER COMPATIBILITY:

PK-543A can replace these LEE DAN® and TekTone® amplifiers:

PK-543, PK543, PK-543L, PK-104B, PK104B, PK-104BL, PK-103B, PK103B, PK-103BL, PK-103A, PK103A, PK-103AL, PK-101A, PK101A, PK-101AL, PK-101, PK-101LA, PK-101

STATION COMPATIBILITY:

PK-543A is compatible with these LEE DAN® and TekTone® apartment intercom stations:

IR-081B, IR-081C, IR-081D, IR-082A, IR-082C, IR-082D, IR-103A, IR-103B, IR-103E, IR-103EL, IR-104, IR-104B, IR-104E, IR-104EL, IR-105, IR-105B, IR-105E, IR-105EL, IR-107A, IR-107AG, IR-107C, IR-107CG, IR-107D, IR-107DG, IR-147A, IR-203, IR-203E, IR-203EL, IR-204, IR-204E, IR-204EL, IR-205, IR-205E, IR-205EL, IR-207, IR-207A, IR-207B, IR-207S, IR-207SS, 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-543A compatible stations can often, but not always be intermixed within a system. Contact factory to verify compatibility!**



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