

LEF-LD

LEF Loudspeaker Intercom System for Long Distance and Elevator Applications

LEF-3-LD, LEF-3L-LD, LEF-5-LD, LEF-10-LD, LEF-10S-LD

LEF-3C-LD, LEF-5C-LD, LEF-10C-LD

- INSTRUCTIONS -

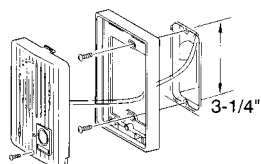
The LEF-LD system is designed with the capability to operate at greater distances and for use in elevators. The sub stations are available in either surface or flush mount styles. Any LEF, LAF-C/CA, or LDF master can be modified for Long Distance. This is a **SINGLE MASTER SYSTEM ONLY**. **EXTERNAL SIGNALING WITH THE RY-AC/A RELAY IS NOT SUPPORTED ON THIS SYSTEM.**

IMPORTANT:

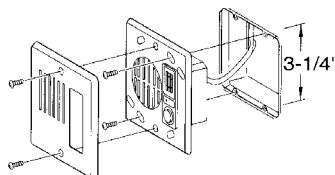
Only the IF-DA-LD, IE-JA-LD, IE-SS-LD and IE-SSR-LD will function with these "LD" type master stations. Standard LE- or LS-series sub stations cannot be used with LEF-LD master stations. In addition, the remote stations listed above will only function with the "LEF-LD, LAF-LD or LDF-LD" model master stations.

Installation Examples:

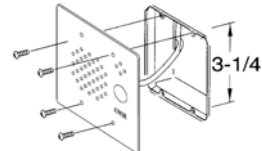
IF-DA-LD Mounting:



IE-JA-LD Mounting:



IE-SS(R)-LD Mounting:



LEF Master Terminal Definitions:

- 1-10 Selective call/communication terminal for each call button
- E Common communication
- + 12V DC
- Negative, common call signal

IF-DA-LD Sub Terminal Definitions:

- 1 Call-in and Communication
- 2 Common
- White +12V DC (connect to + of PS-1225UL)

IE-JA-LD Sub Terminal Definitions:

- 1 Call-in and Communication
- 2 Common
- 3 +12V DC (connect to + of PS-1225UL)

IE-SS(R)-LD Sub Wire Definitions:

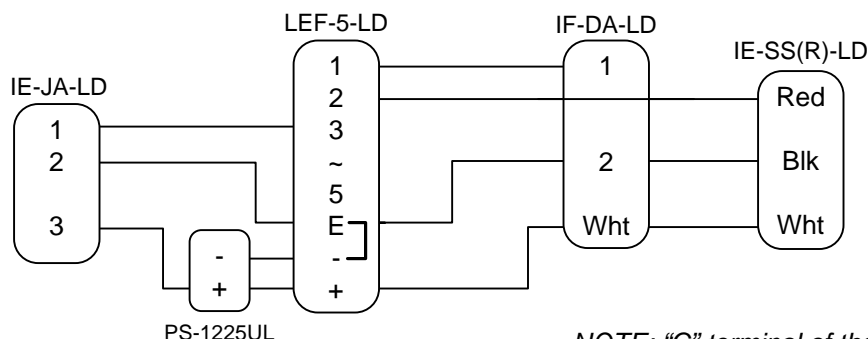
- Red Call-in and Communication
- Black Common
- White +12V DC (connect to + or PS-1225UL)

Wiring Distance: 22 AWG = 2000'; 18 AWG = 4000'
Use Aiphone #822202 or #821802 wire.

WIRING DIAGRAMS:

Method A:

3 conductors homerun from master to each sub.



Note:

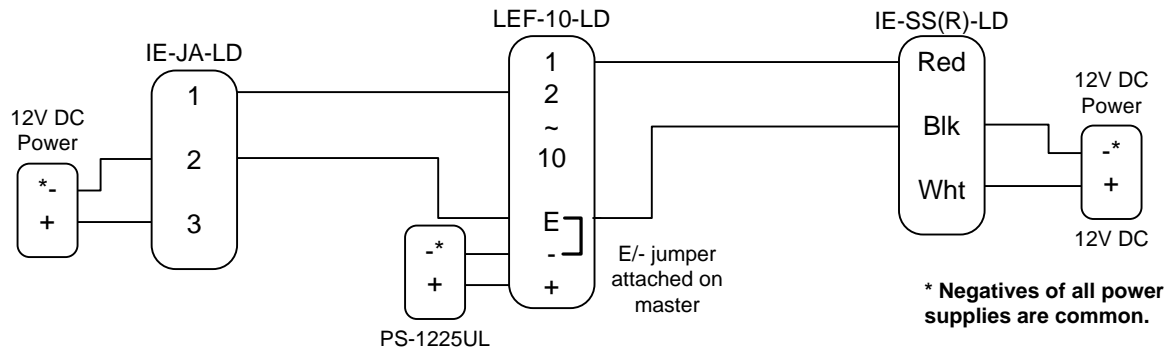
The jumper between E & - must remain attached on the master station.

NOTE: "C" terminal of the master station is not used in this system.

WIRING DIAGRAMS (continued):

Method B:

2 conductors homerun from master to each sub.
12V DC power provided at each sub station location.



OPERATION:

1. Pressing the call button at the remote station will activate the call tone, plus light the appropriate station LED at the LEF-LD master. The call tone will be momentary as long as the call button is held down, and the LED light will stay on for approximately 20 seconds.
2. To answer the call at the LEF-LD master, press the station button corresponding to the lit LED, then press TALK to speak to the caller.
3. Communication at the master station is "press-to-talk, release-to-listen". Communication at the door station is hands free.
4. (If selective door release is included): With communication established to the door station, pressing the door release button will activate the door release mechanism at the corresponding door.
5. When the call is completed, press OFF on the LEF-LD master station. This puts the system in standby mode.

NOTE:

Only wiring concerning the LEF-LD is shown here. For additional installation information (door release wiring, operation, mounting), please refer to the standard LEF instructions. This is a **SINGLE MASTER** system only.