

LEF-LD

LEF Loudspeaker Intercom System for Long Distance/Elevators

DESCRIPTION:

The LEF-LD system is designed with the capability to operate at distances up to 4,000' 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 station is available in the Long Distance version.

NOTE:

This is a SINGLE MASTER SYSTEM ONLY.

FEATURES:

- Available in 3, 5, 10, 20, and 40 station sizes
- Systems up to 80 stations with LAF-C-LD system
- Surface mount (LEF) or semi-flush mount (LEF-C)
- Remote stations call to master with momentary electronic tone and LED, remaining lit for 20 seconds
- Press-to-talk communication at master, hands free at remote station
- Flush mount (IE-JA-LD), or surface mount (IF-DA-LD) remote stations
- Simple wiring: 3 conductors to each remote

LEF-10-LD**SOME APPLICATIONS:**

The LEF-LD system can be used in a variety of commercial applications:

- *Commercial buildings*
- *Parking Lots*
- *Airports*
- *Gated entries*
- *Office complexes*

SPECIFICATIONS:

Power:	12V DC. Use PS-12C.		
Output:	500mW at 20 ohms (transmit); 800mW at 20 ohms (receive).		
Calling:	Mono-electronic tone while call button is pressed, plus LED for 20 seconds.		
Wiring:	2 common wires plus 1 individual wire per sub station. Use Aiphone #822203 (homerun) or #822206 for up to 4 stations (looped).		
Wiring Distance:	2,000' with 22AWG; 4,000' with 18AWG.		
Mounting:	Desk or wall mount		
Dimensions:	(H x W x D)		
LEF-3-LD:	7-1/16" x 5-5/8" x 2-3/16"	LEF-3C-LD:	8-1/4" x 6-1/8" x 1-3/8"
LEF-5/10/10S-LD:	8-1/8" x 7-1/2" x 2-3/16"	LEF-5C/10C-LD:	9-7/16" x 7-7/8" x 1-3/8"
LAF-20C-LD:	5-1/2" x 13-5/8" x 10-1/4"	LAF-20CA-LD:	5-1/2" x 17-9/16" x 10-1/4"

LEF-LD Long Distance and Elevator Intercom System

SPECIAL ORDER PRODUCTS:

Surface Mount Master Stations

LEF-3-LD 3-call master for L.D./elevators
 LEF-5-LD 5-call master for L.D./elevators
 LEF-10-LD 10-call master for L.D./elevators
 LEF-10S*-LD 10-call master for L.D./elevators
 *Incl. All Call button. Add BG-10C and PS-12F for All Call

Flush Mount Master Stations

LEF-3C-LD 3-call master for L.D./elevators
 LEF-5C-LD 5-call master for L.D./elevators
 LEF-10C-LD 10-call master for L.D./elevators

Console Style Master Stations

LAF-20C-LD 20-call master for L.D./elevators
 LAF-20CA-LD 20-call hndst. mstr. for L.D./elevators
LAF-40C/CA-LD available upon request
LDF-LD available upon request

STANDARD PRODUCTS:

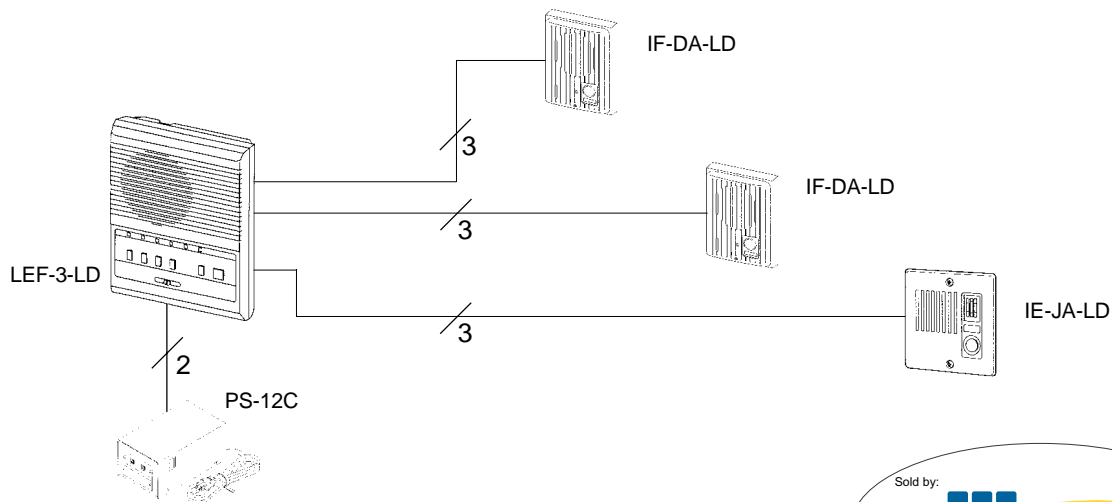
Sub Stations

IF-DA-LD Remote station, surface mount
 IE-JA-LD Remote station, flush mt. stainless steel

Accessories

RY-AC External signaling relay
 PS-12C 12V DC power supply, 1A
 BG-10C All Call, Chime, and Music Adaptor
 PS-12F Power supply for system with BG-10C
 NP-25V Non-polarized, 33μfd, 25V Capacitor
 (Required for each sub when using the BG-10C.)

SYSTEM LAYOUT EXAMPLE:



ARCHITECTS/ENGINEERS' SPECIFICATIONS:

The intercom system shall be of an open voice, selective calling type with three channels for communication and selective control.

Master station shall have selector buttons with associated LEDs for call-in indication, and a directory for station labeling. A call-in shall light the LED for approximately 20 seconds and activate a momentary call tone. The call shall be answered by pressing the station's selector button, then pressing TALK button to transmit, releasing to listen. The person at the remote speaks hands free.

Master station shall be capable of transmitting and receiving audio communication with remotes up to 2,000' away with 22AWG wire, and 4,000' with 18AWG wire. Controls on the master stations shall include TALK and OFF buttons, voice and call tone volume controls, and an "Occupied" LED to indicate if the system is in use.

Compatible remote stations shall include surface or flush mount styles designed for outdoor use, rated as weather resistant.

System shall be manufactured by Aiphone.