

## \*Upgrade the LEF Series to an IP intercom with a network adaptor!



**LE Series Door/Sub Station**

2 wires  
Aiphone #822202 (max. 650')



**IX-1AS**  
IP Addressable 2-Wire Audio Door/Sub Station Network Adaptor

- Supports 1 LE Series Door/Sub Station
- PoE

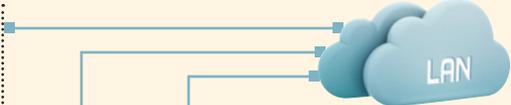
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**IX-10AS**  
IP Addressable 2-Wire Audio Door/Sub Station Network Adaptor

- Supports up to 10 LE Series Door/Sub Stations
- PoE

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**NOTE:** The IX Mobile App requires 1 IX-MV and 1 RY-IP44 per 8 apps in the system.



**IX-MV**  
IP Addressable Video Master Station

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**IX Mobile App**  
Mobile App Sub Master Station for Smartphones and Tablets (mobile devices not included)

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**RY-IP44**  
IP Input/Output Relay Adaptor (requires PS-1208UL)

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### Door Stations, Sub Stations, Speakers, & Paging Adaptor: mix and match up to 11



**LE-D**  
Audio Door Station

- Plastic chassis
- Weather resistant
- Surface mount

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**LE-SS-1G**  
Audio Door Station

- Stainless steel panel
- Weather and vandal resistant
- Flush mount (fits 1-gang box)

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**LE-DA**  
Audio Door Station

- Stainless steel cover
- Weather resistant
- Flush mount (fits 2-gang box)

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**LE-SS/A**  
Audio Door Station

- Stainless steel panel
- Weather and vandal resistant
- Flush mount (fits 2-gang box)

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**LE-SSR**  
Audio Door Station

- Red mushroom call button
- Stainless steel panel
- Weather and vandal resistant
- Flush mount (fits 2-gang box)

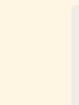
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**LS-NVP/C**  
Audio Door Station

- Powder-coated steel
- Weather and vandal resistant
- Flush mount (fits 3-gang box)

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**LE-A**  
Audio Sub Station

- Surface mount

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**LE-AN**  
Privacy Audio Sub Station

- Surface mount
- Privacy button

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**LE-B**  
Audio Sub Station

- Semi-flush mount

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**LE-BN**  
Privacy Audio Sub Station

- Semi-flush mount
- Privacy button

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**LEF-1C**  
Audio Sub Master Station (requires BG-10C)

- All Call button
- Semi-flush mount

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**SP-20N/A**  
Ceiling Speaker Sub Station (requires NP-25V)

- 8Ω with 20Ω transformer
- Indoor use
- Flush mount

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**BA-1**  
Paging Adaptor

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### Master/Sub Station Features

- Monitoring and Selective Call
- 3, 5, and 10-call master stations
- Push-to-talk at master, hands-free reply at called station
- Call tone and LED annunciation at master
- Selective door release (with 1 RY-PA per door) on LEF-3L, LEF-5, LEF-5C, LEF-10, LEF-10S, and LEF-10C master stations
- All Call with LEF-10S and all LEF-C masters (requires BG-10C)

### System Features

- Intermix doors, masters, subs, speakers, and paging adaptors to create desired communication (up to 11 total components)
- Wide variety of master and sub stations available

### Specifications

- Power Source** 12V DC – use PS-1208UL (use PS-1225UL if installing BG-10C)
- Communication** Push-to-talk (simplex)
- Door Release** N/O dry contact, 24V DC, 1A – use EL-12S (1 RY-PA required per door strike)
- Wire Type** Variable wire types – see table on page 50
- Distance** Door Station or Sub Station to farthest Master Station:  
650' (22AWG) 1,600' (18AWG)

LEF Series Wire Types	Wire #	Gauge	Conductor
▼ LEF Standard Wiring			
LEF-3	822210	22 AWG	10 conductor, overall shield
LEF-5	822212	22 AWG	12 conductor, overall shield
LEF-10, LEF-10S	822220	22 AWG	20 conductor, overall shield
▼ LEF-C Wiring			
LEF-1C homerun to BG-10C	822212	22 AWG	12 conductor, overall shield
LEF-1C looped (max. 9 stations)	822220	22 AWG	20 conductor, overall shield
LEF-3C	822212	22 AWG	12 conductor, overall shield
LEF-5C	822215	22 AWG	15 conductor, overall shield
LEF-10C	822220	22 AWG	20 conductor, overall shield
BG-10C to Master	822220	22 AWG	20 conductor, overall shield
▼ Sub/Door Station Wiring			
Homerun (22AWG)	822203	22 AWG	3 conductor, overall shield
Homerun (18AWG)	821803	18 AWG	3 conductor, overall shield
Looped (max. 4 stations)	822206	22 AWG	6 conductor, overall shield
Looped (max. 8 stations)	822210	22 AWG	10 conductor, overall shield
▼ LEF + Door Release Wiring			
LEF-3L	822212	22 AWG	12 conductor, overall shield
LEF-5, LEF-5C	822220	22 AWG	20 conductor, overall shield
LEF-10, LEF-10S, LEF-10C	822220 + 822210	22 AWG	20 conductor, overall shield + 10 conductor, overall shield

Audio Intercoms