

# LEM-1DL/C

## Multi-Master Door Answering System

**DESCRIPTION:**

The LEM-1DL/C is a compact master station able to answer a door station and activate a door strike. Up to six master stations can be used to answer the same door. The master has a TALK, OFF and door release button, as well as volume controls for voice communication and incoming call tone.

Communication is push-to-talk, release-to-listen at the master, and hands free at the door station. Any remote station compatible with the LEM or LEF series can be used. There is no master-to-master communication. The unit can be mounted on a wall or placed on a desk or counter.

*NOTE: No master-to-master communication.*

**FEATURES:**

- One door station and up to six master stations
- Occupied lamp indicating another master is in use
- Door release button
- Normally Open door release contacts can be modified to Normally Closed for use with a magnetic lock
- Voice and call tone volume controls
- Desk or wall mount
- Any "LE- or "LS-" series remote can be used

**LEM-1DL/C****SOME APPLICATIONS:**

- Offices
- Courthouses
- Hotel/Motel door entry
- Retail/Convenience Stores
- Small Secured Facilities

**SPECIFICATIONS:**

Power: 12-16V AC. Use PT-1210N (12VAC, 10VA) or equivalent  
Consumption: Max. 4W (16VAC), Max. 200mA (24VDC)  
Output: 100mW at 20Ω  
Calling: Mono-electronic tone during call-in from sub  
Communication: Push-to-talk at master, hands free at remote  
Mounting: Desk or wall mount  
Door Release: Normally open dry contact, Max. 30VAC, 1A or 30VDC, 1A  
Wiring: 2 conductors to door station (#822202), 3 conductors between masters (#822203)  
Door release: Separate 2 conductor cable between masters and to strike (#822202)  
Wiring Distance: 650' with 22AWG; 1600' with 18AWG.  
Dimensions: 7"H x 5-1/2"W x 2-1/4"D

# LEM-1DL/C Multi-Master Door Answering System

## SPECIAL ORDER PRODUCTS:

### Master Station

LEM-1DL/C Master station w/ occupied LED

### Sub Stations

LS-NVP/A Vandal proof, weather resistant sub station

## STANDARD PRODUCTS:

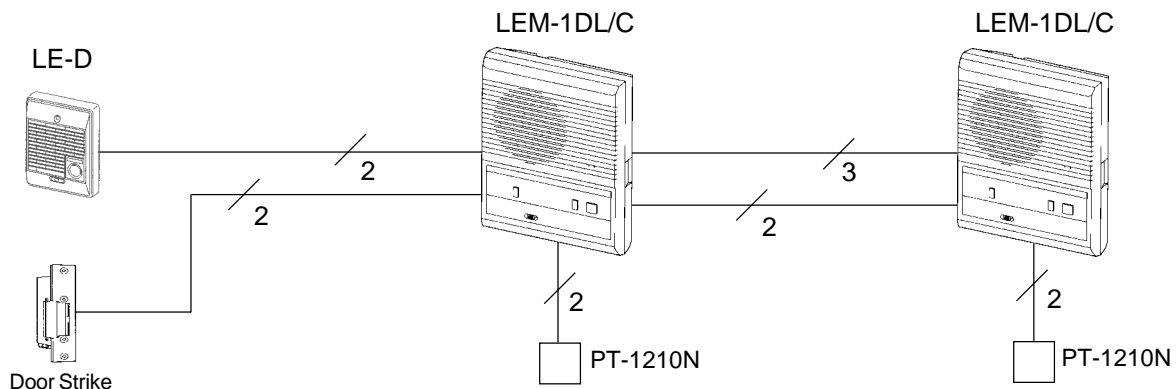
### Sub Stations

LE-D Door station, surface mount  
LE-DA Door station, flush stainless steel  
AH-108 10W 8 ohm horn w/ built-in capacitor

### Accessories

NP-B Call button for use with AH-108  
NP-W Surface mount box for NP-B  
RY-AC External signaling relay (Req's 12VDC power)  
SBX-NVP Surface mount box for LS-NVP/A  
EL-9S Electric door strike  
PT-1210N 12V AC, 10VA power supply, 1 per master (and for EL-9S)

## SYSTEM LAYOUT EXAMPLE:



## ARCHITECTS/ENGINEERS' SPECIFICATIONS:

The intercom system shall be of an open voice, selective calling type with one channel for communication to a remote station. Up to six master stations shall be able to be connected, each answering the remote, and requiring their own power source. Distance from the door to the last master station shall be within the specified limitations.

A call signal from a remote station shall activate a call tone on the master stations. The call tone shall last as long as the call button is being pressed on the remote. Any master shall be able to answer by pressing the "TALK" button, holding the "TALK" button to transmit, and releasing to listen. The person at the remote station speaks hands free.

There shall be no master-to-master communication.

Master station shall be equipped with a door release button, providing a normally open contact. Other controls shall include TALK and OFF buttons, voice and call tone volume controls. An "Occupied" LED shall indicate if the system is in use.

Compatible remote stations shall include surface or flush mount styles, indoor or outdoor stations, and vandal proof stations.

System shall be manufactured by Aiphone.