

NEM-LD

NEM Lamp Memory System for Long Distance/Elevators

DESCRIPTION:

The NEM Long Distance Lamp Memory System is designed for communication with remote locations up to 4000' away, or to each elevator in a building. Sub stations are available in surface or flush mount styles, and require a separate circuit board to be added for the call-in function. Three wires are required to each sub station. Master stations are available with or without a handset.

FEATURES:

- Two-way communication between master and subs
- Clear communication to subs in elevators
- Sub stations can be up to 4000' away
- Call-in from sub remains lit on master until answered
- Master is "push-to-talk", "release-to-listen"
- Hands free communication at sub stations
- Sub stations are weather resistant
- Available in 10, 20, 30 & 40 call sizes
- SINGLE MASTER SYSTEM ONLY

NEM-20A-LD



SOME APPLICATIONS:

- Office Complexes
- Large Commercial Facilities
- Gated Entries
- Parking Lots
- Airports

SPECIFICATIONS:

Power Source: DC 24V. Use PS-2410A for 10, 20-call masters. PS-24E for 30, 40-call masters.
 Current Consumption: Maximum 45W
 Power Output: 500mW
 Calling: Press call button on sub to ring master and light LED, remaining until answered.
 Communication: Press-to-talk, release-to-listen at master, or voice actuated handset (NEM-nA-LD)
 Hands free at remote
 Talk Channel: Single talk channel
 Wiring: 2 common wires plus 1 individual wire per sub station looped, or 3 wires homerun from each sub station. Shielded cable is recommended. Use Aiphone #822203 (22AWG) or #821803 (18 AWG) or use 82-series multi-conductor wire.
 Wiring Distance: 2000' w/ 22AWG, 4000' w/18AWG
 Mounting: Desk or wall mount
 Dimensions (HxWxD):
 IF-DA-NLD: 5" x 4" x 1"
 IE-JA-NLD: 4-1/2" x 4-9/16" x 1/2"
 NEM-10/20-LD: 5-1/2" x 13-5/8" x 10-1/4" NEM-30/40-LD: 5-1/2" x 19-1/2" x 10-1/4"
 NEM-10A/20A-LD: 6-15/16" x 17-9/16" x 10-1/4" NEM-30/40A-LD: 6-15/16" x 23-7/16" x 10-1/4"

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SPECIAL ORDER PRODUCTS:

Master Stations

NEM-10-LD	10-call Master
NEM-10A-LD	10-call Master with handset
NEM-20-LD	20-call Master
NEM-20A-LD	20-call Master with handset
NEM-30-LD	30-call Master
NEM-30A-LD	30-call Master with handset
NEM-40-LD	40-call Master
NEM-40A-LD	40-call Master with handset

Add-on Selectors

N-20AS	20-call Add-on selector
N-40AS	40-call Add-on selector

SPECIAL ORDER PRODUCTS (Cont.):

Sub Stations

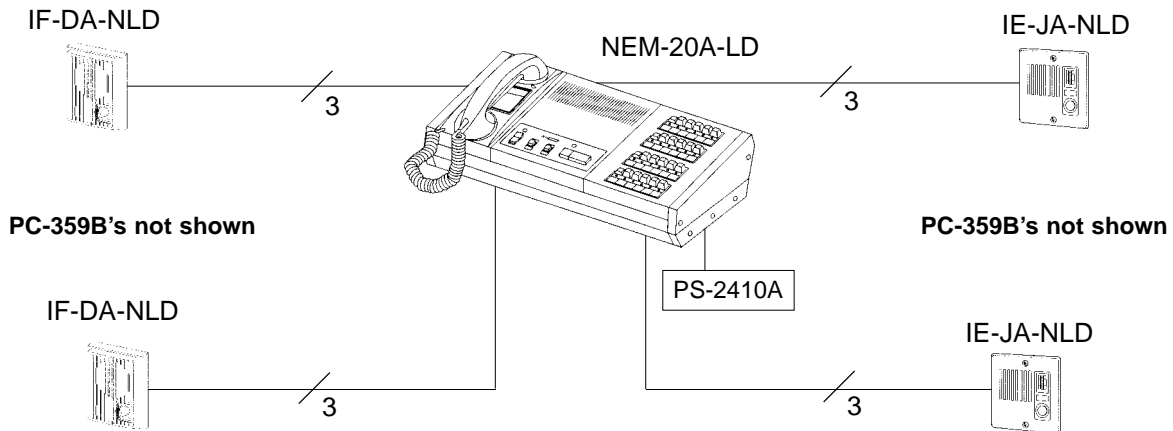
IE-JA-NLD	Flush mount sub for NEM-LD
IF-DA-NLD	Surface mount sub for NEM-LD
PC-359B	Call-in PC board (One required per sub)

STANDARD PRODUCTS:

Accessories

NB-U	Background music adaptor
PG-10A	Amplifier for NB-U
PS-2410A	24V DC, 1A power supply (10, 20)
PS-24E	24V DC, 2A power supply (30, 40)

SYSTEM LAYOUT EXAMPLE:



ARCHITECTS/ENGINEERS' SPECIFICATIONS:

The intercom system shall be of an open voice, selective calling type, available in 10, 20, 30, or 40 station sizes, with 20 and 40 station add-on selectors for expansion up to 120 stations. An optional VOX handset shall be available on all masters.

Master station shall have individual selector buttons with associated LEDs for call-in indication, and a directory for station labeling. A call-in shall light the LED and activate the call tone until the call is answered. The call shall be answered by pressing the station's selector button, then pressing the TALK button to transmit, releasing to listen. The person at the remote speaks hands free. The system shall provide built-in All Call function, allowing the master to make general announcements to all connected stations. There shall be no talkback from an All Call.

Master station shall be equipped with power ON/OFF switch, transmit and receive volume controls, ALL CALL and TALK buttons. Station selectors shall be in rows of five, with an OFF button for each row. ALL CALL button shall initiate a call to all stations in the system. A power LED shall indicate incoming power to the master station.

System shall be capable of providing a call-in signal and two-way voice communication between the master and each sub station, located up to 4000' away, or located inside elevators cabs.

Compatible remote stations shall be available in surface or flush mount styles. A call-in PC board (model PC-359B) shall be required for each sub station for call-in signaling.

System shall be manufactured by Aiphone.