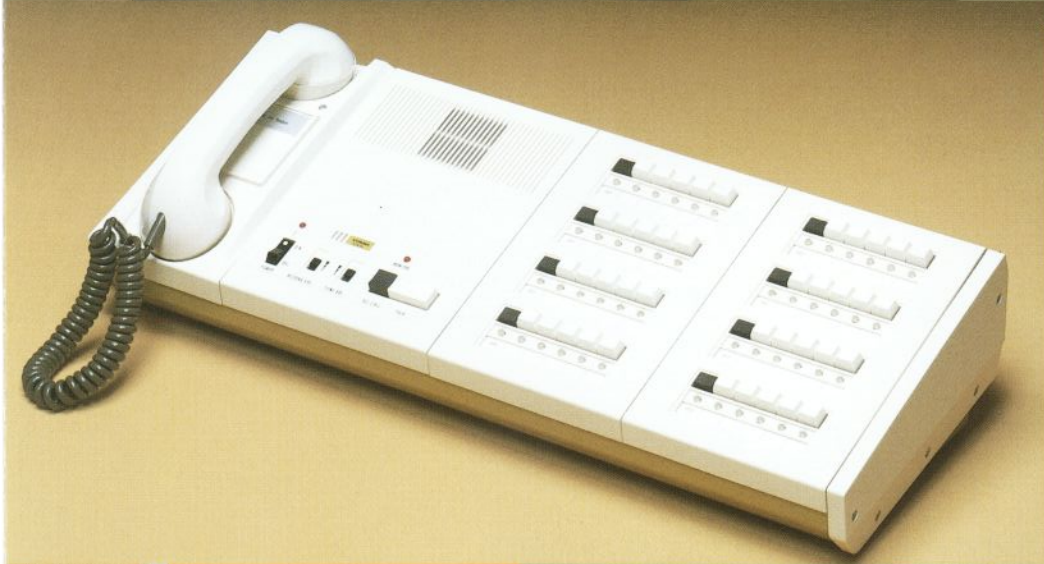




# NEM Series Lamp Memory System Versatile Communications or Security

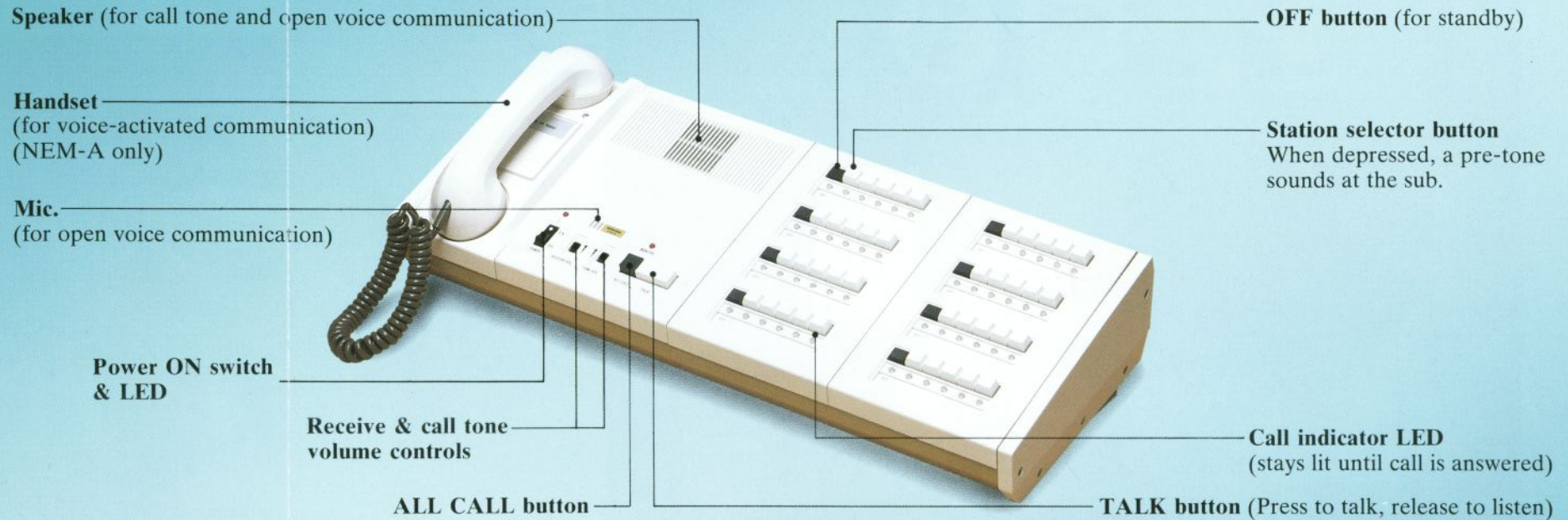




# Versatile Application. Simple To Operate.

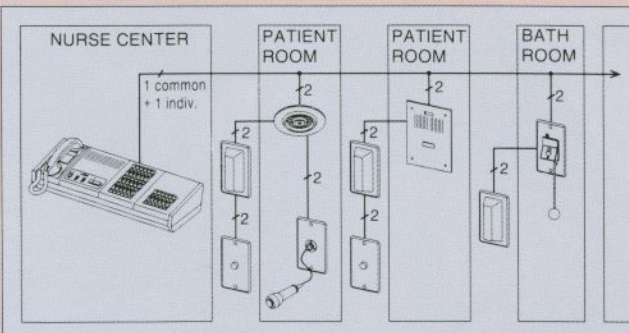
## SYSTEM FEATURES

- \* Lamp Memory System: holds call tone and LED annunciator until the call is answered.
- \* Pre-tone sounds at a sub station when selected by master.
- \* All call: calling all stations in the system simultaneously.
- \* Selective call for up to 10 stations at a time.
- \* Simple wiring! 2 wires per sub station.
- \* Wall mount or desk-top use.
- \* Wide selection of sub stations and accessories.
- \* *OPTION*: Background music can be integrated into the system.
- \* *OPTION*: Sub can call 2 masters simultaneously, using the NEW-5 adaptor.
- \* *OPTION*: Call from sub can be routed to second master during night shift, using NBJ Night-switcher.
- \* Expandable capacity (additional add-on selectors in 20- and 40-call sizes, available in U.S.A. only)



## SYSTEM APPLICATION EXAMPLES

### 1 In Nursing Homes:

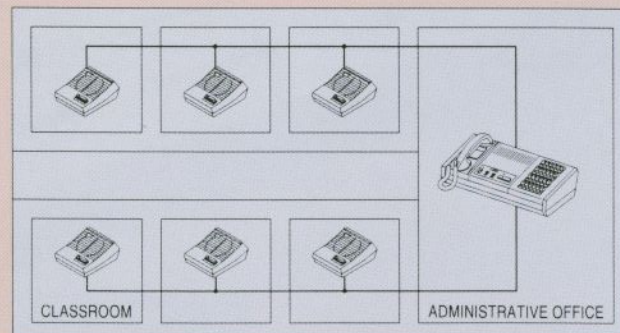


The nurses station receives a call by tone and LED light. Call is answered by depressing the corresponding selector button, which immediately establishes communication between master and sub.

#### OPTION

- **NBJ, NBJ-B:** Night Switcher  
Routes calls from a station receiving calls during certain hours to a second master receiving calls during alternate hours.
- **IER-2:** Call Extension Speaker  
Allows call tone from sub to master to be heard at a remote location.

### 2 In Schools:



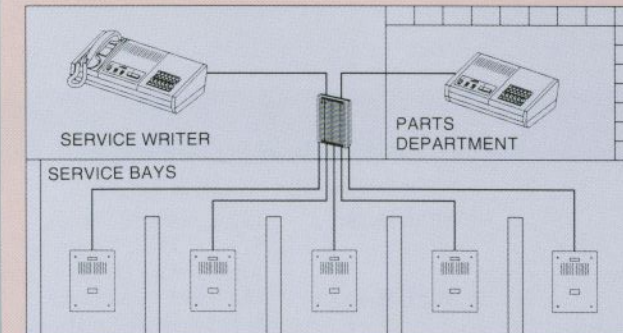
Administrative office can call and receive calls from classrooms, and make an All Call for general announcements.

#### OPTION

- **NB-U, PG-10A/B:** BGM Adaptor & Amp.  
Background music or program can be distributed throughout the system at lunch time class breaks, or on special occasions.

**OTHER APPLICATIONS:** Airports, Bowling Alleys, Dormitories, Elevators, Fire Stations, Prisons and jails, Day Care Centers, Sports Facilities.

### 3 In Automobile Dealerships:

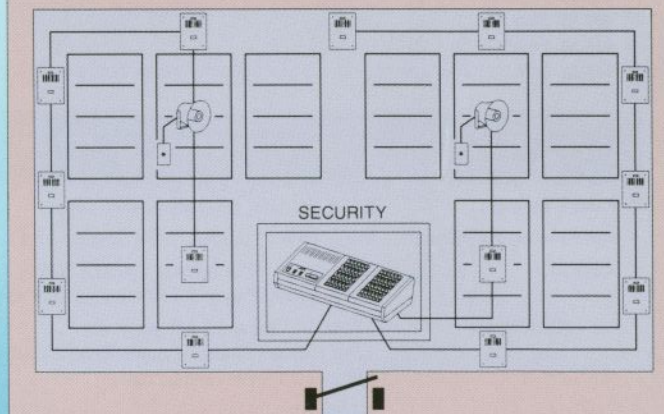


Allows communication between service bays and parts department or service writer's area. Calls from subs will not be lost with the Lamp Memory feature.

#### OPTION

- **NEW-5:** Parallel Call Adaptor  
Allows two master stations to be installed in the same system. Each master station can communicate with different sub stations at the same time.

### 4 In Parking Garages:



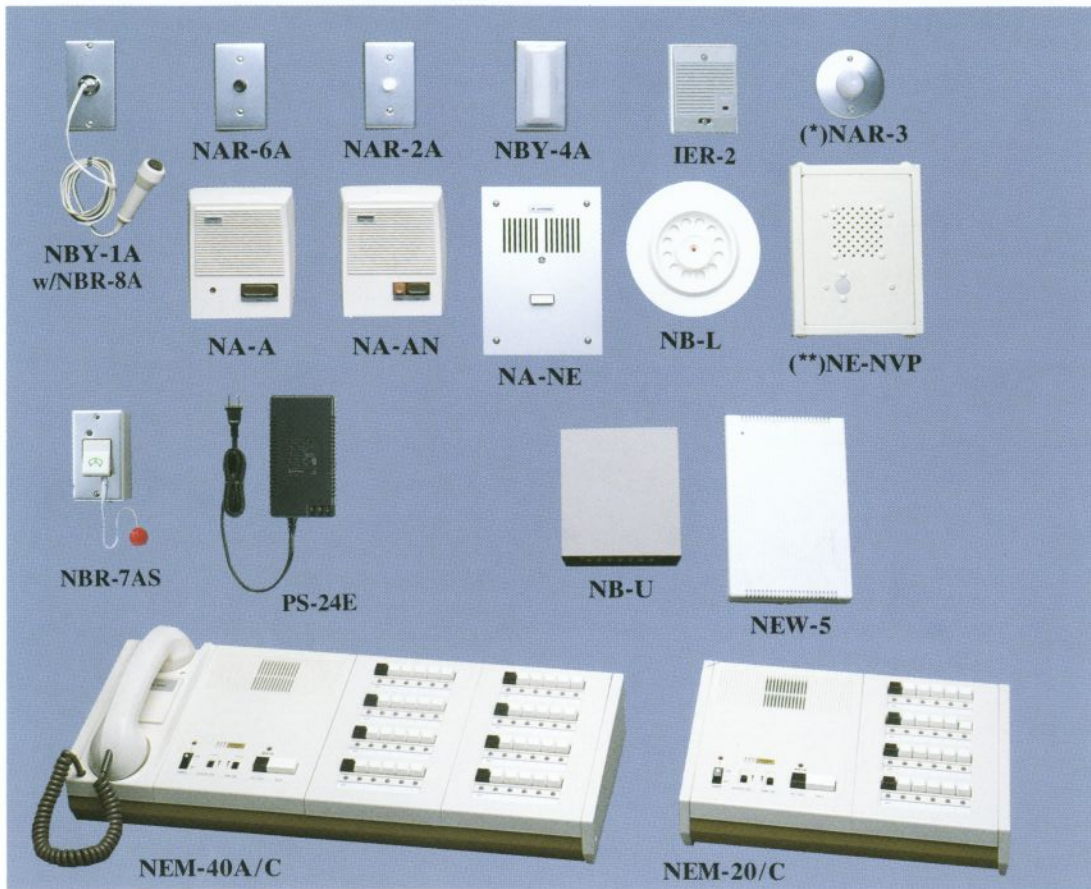
Security personnel can monitor facility, and receive calls from people in need of assistance.

#### OPTION

- **NE-NVP:** Vandal-Proof sub (w/SBX-NVP for surface-mount) virtually indestructible sub to protect against vandalism.
- **LT-1:** 20-to-8 ohm matching transformer  
An 8-ohm horn speaker can be installed, using LT-1, NP-25V capacitor with NAR-6A call button (add PC-359A call holding PC board).



# SYSTEM COMPONENTS



## ■ ACCESSORIES

- NBY-1A:** Receptacle for NBR-8A
- NBR-8A:** Hand-held call button
- NAR-6A:** Call button
- NBR-7AS:** Moisture-resistant call switch w/pull cord
- NAR-2A:** Reset button
- (\*)NAR-3:** Round corridor lamp
- (\*\*)NE-NVP:** Not available in USA
- NBY-4A:** Corridor lamp
- IER-2:** Call extension speaker (for master)

## ■ MASTER STATIONS

- NEM-10/C:** 10-call
- NEM-20/C:** 20-call
- NEM-30/C:** 30-call
- NEM-40/C:** 40-call w/handset
- NEM-10A/C:** 10-call
- NEM-20A/C:** 20-call
- NEM-30A/C:** 30-call
- NEM-40A/C:** 40-call

## ■ SUB STATIONS

- NB-L:** Ceiling
- NA-A:** Desk/wall
- NA-AN:** w/privacy
- NA-NE:** Flush-mount
- (\*\*)NE-NVP:** Vandal-Proof (USA only)

## ■ POWER SUPPLY & ADAPTORS

- PS-24E:** Power supply
- NB-U:** BGM adaptor. Use w/PG-10B, PG-10A amp.
- NEW-5:** Parallel call adaptor
- NBJ-20/40:** Night switcher for NEM-20/40
- NBJ-20B/40B:** Night switcher for NEM-20A/40A

# SPECIFICATIONS

- \* **Power source:** DC 24V. Use PS-24E power supply
- \* **Power consumption:** Max. 45W. Standby 7.5W (NEM-40A)
- \* **Output:** Max. 500mW at master (w/RECEIVE vol.)  
Max. 500mW at sub (w/TRANSMIT vol. at master)
- \* **All call output:** 6W total (for a 20-sub system)  
12W (for a system of more than 20 subs)  
3W per 10 subs (group call)
- \* **Calling:** Intermittent tone and LED at master (stays until answered)  
Pre-tone and voice (master to sub)
- \* **Wiring:** 2 per sub (1 common + 1 indiv.)
- \* **Distance:** 130m w/0.65 mm, 420' w/22 AWG  
330m w/1.0 mm, 1000' w/18 AWG

## \* Dimensions (H × W × D) & weight:

- NEM-10,20/C:** 140 × 346 × 260 (mm),  
5-1/2" × 13-1/2" × 10-1/4"  
Approx. 5 kg (11 lbs.)
- NEM-30,40/C:** 140 × 496 × 260 (mm),  
5-1/2" × 19-1/2" × 10-1/4"  
Approx. 7 kg (15.43 lbs.)
- NEM-10A,20A/C:** 176 × 446 × 260 (mm),  
7" × 17-1/2" × 10-1/4"  
Approx. 6 kg (13.23 lbs.)
- NEM-30A,40A/C:** 176 × 596 × 260 (mm),  
7" × 23-1/2" × 10-1/4"  
Approx. 8 kg (17.64 lbs.)

Distributed by:

