

Nurse Call

MASTER 1 → SUB 80 **NHX**

Master station



NHX-50M
50-call master station

Add-on selector

- NHX-30G**
30-call add-on selector
Plugs into NHX-50M
- NHR-30K**
30-call add-on trunk card

Central control unit



NHX-80X
Central control unit

Duty station



NHR-SP
Duty station

Power supply

PS-2420S PS-2420UL PS-2420BF PS-2420 → P.124

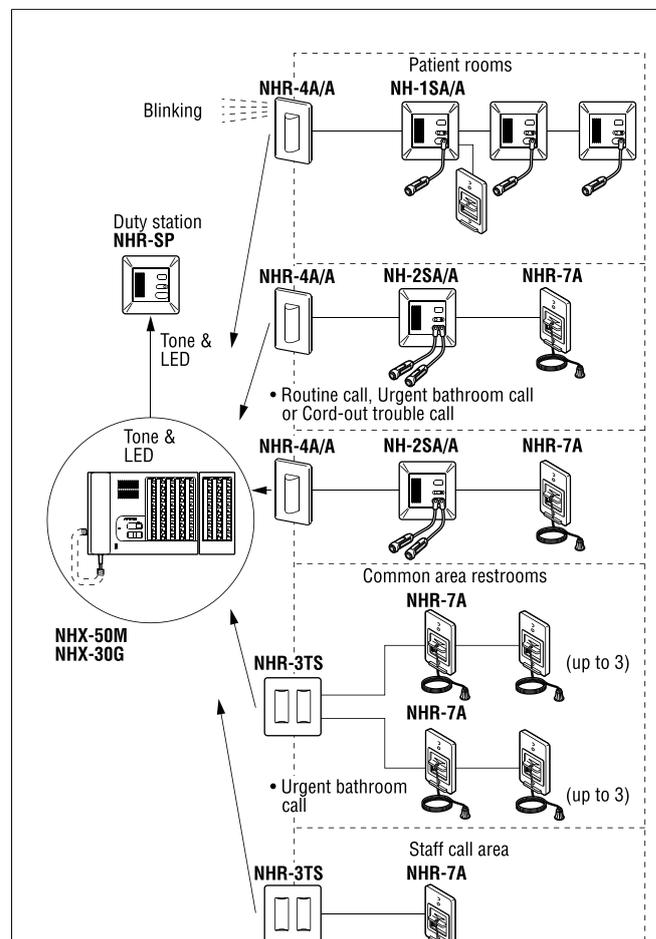
Features

- One master, up to 80 sub stations. Single and dual patient stations
- Multi-station capability per patient room
- Three types of call-ins from patient stations: Routine call, Bathroom call & Cord-out trouble call, identified by tone & blinking LED (w/priority according to urgency and time of call)
- NHR-3TS Common Area Call station is used for common area bathroom call or staff call (urgent)

Communication

- At NHX-50M master, when called by a bedside sub, either lift handset or press TALK once to establish talk channel. To initiate a call, press the selector button of the sub. At the sub, pretone sounds and TALK is lit green. Corridor and zone lights do not turn on.
To silence the tone, press TONE-OFF button. Tone will resume after 90 seconds or when new call is placed.
- Corridor lamp turns on with any type of call placed by sub station area. When talk channel is established, the light will turn off.
- A call from NHR-3TS is of the same level as Urgent bathroom call. (no verbal communication)

Communication network



Sub station



NH-1SA/A
Single-jack bedside sub station



NH-2SA/A
Dual-jack bedside sub station



NHR-3TS
Calling zone light



NHR-4A/A
Corridor lamp w/red & white lamps



NHR-8C
Bedside call switch

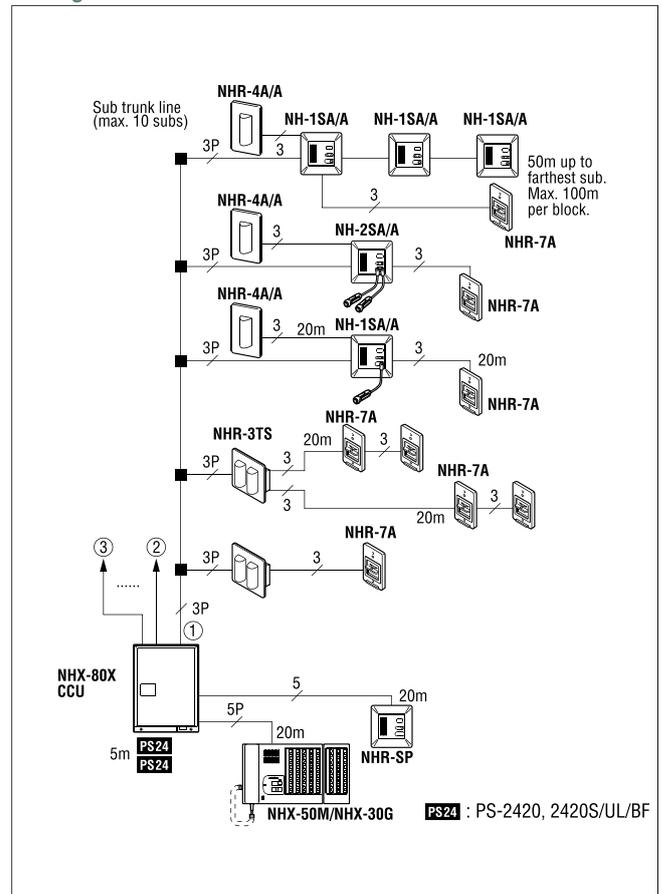


NHR-7A
Staff call / bathroom call switch
(pullcord included)

Call tone & light annunciation

TYPE OF CALL	TONE	LIGHT
Routine call At NHX-50M (& at Duty station) At Bedside sub At Corridor lamp	Single chime, every 6 sec. — —	Blinking, every 2 sec. 'CALL' steadily lit White lamp steadily lit
Urgent bathroom call or NHR-3TS At NHX-50M (& at Duty station) At Bedside sub At Corridor lamp	Single chime, every 2 sec. — —	Double blinking, every 1.8 sec. 'CALL' steadily lit Red lamp Blinking
Cord-out trouble call At NHX-50M (& at Duty station) At Bedside sub At Corridor lamp	Single chime, every 0.5 sec. — —	Blinking fast, every 0.4 sec. 'CALL' steadily lit White lamp Blinking
NHR-3TS in common area Bathroom call (urgent) Staff call (urgent)	— —	Red blinking (2 lamps) White blinking (one lamp)
Line-off trouble at NHX-50M Line-off at bedside sub Line-off at Duty station	Slow buzzer, intermittent Faster buzzer, intermittent	Lit 0.2 sec., every 2 sec. No light

Wiring



Sub trunk line: 6 wires (3P).

Each zone requires a separate common wire from NHX-80X.

Use twisted pairs with an overall shield, low capacitance, 0.65mm dia., solid conductors. (Rated capacitance level of wire: 25pF/30cm or less)



NHX Components

Central control unit



NHX-80X
Central control unit

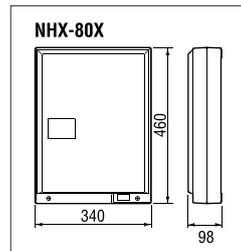


NHR-30K
30-call add-on trunk card

Features

Connect one NHX-50M and up to 80 sub stations. 1 ~ 8 trunk lines of up to 10 stations per trunk connected inside CCU. (3 pairs) 5 pairs to Master station.
Terminates duty station, and power supplies(2).
After installation, the NHX-80X must be initialized. During use, turn power switch off and back on to reset.
Install NHR-30K Expansion Trunk Card when NHX-30G is used.

Unit dimensions



Specifications (NHX-80X)

Power Source	24V DC, 4A max.
Power supply	2 pcs PS-2420S, PS-2420UL, PS-2420BF, PS-2420
Station capacity	50 sub stations (max. 80 with NHX-30G & NHR-30K).
Calling	Routine call, Urgent bathroom call & Cord-out trouble call. Up to 5 calls can be displayed on NHX-50M.
Communication	Single and private talk channel. Press-to-talk or handset voice-actuation
Call-in priority	(1) Cord-out trouble call, (2) Urgent bathroom call and NHR-3TS common area bathroom call or staff call, (3) Routine call. Subs' call-ins on standby connected according to urgency level and time of call.
Warning tones	(1) Line-off trouble at Bedside or NHR-3TS sub & Duty station. (To stop tone on the Duty station, plug in, 2-pin jumper to CN104 in CCU).(2) 90 sec. elapse timer: Call tone goes up to HIGH level.(3) 90 sec. off-hook timer: Steady tone will notify that handset is off-hook.
Wiring	3 twisted pairs, CCU to Sub trunks 1~8. 5 twisted pairs, CCU to NHX-50M. 6 wires (parallel), CCU to NHR-SP. Use twisted pairs with an overall shield, low capacitance, 0.65mm dia., solid conductors. (Rated capacitance level of wire: 25pF/30cm or less)
Wiring distance	CCU to Sub (farthest) 50m(0.65mm) Sub trunk line 100m(0.65mm) CCU to NHX-50M 20m(0.65mm) CCU to Duty station 20m(0.65mm) CCU to PS-2420, 2420S/UL/BF 5m(1.0mm)
Mounting	3-gang wall-mounting. Or inside Electrical Enclosure with secured door (Provide a suitable, non-combustible mounting surface).

Master station



NHX-50M
50-call master station

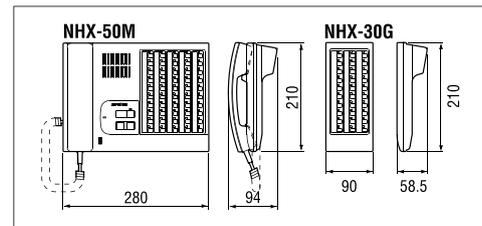


NHX-30G
30-call add-on selector

Features

Extremely compact 50-call desk console. Open voice communication with TALK button, or handset (voice-actuated). When called, simply press TALK or pick up handset to establish channel. Otherwise, press TONE-OFF button and go to calling location. To initiate a call, press a selector button first. NHX-30G is a 30-call add-on selector. Plugs into NHX-50M.

Unit dimensions



Specifications

Wiring	10-pin plug in connector (to NHX-80X). Provided with preset volume controls. Can verify connection of all sub stations.
Wiring distance	Install within 20m from CCU.

Duty station

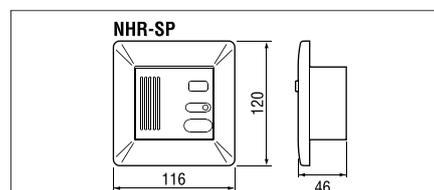


NHR-SP
Duty station

Features

Acknowledges any station call with tone and blinking LED. Go to the NHX-50M. Press TONE-OFF and identify the caller at Master station.

Unit dimensions



Specifications

Mounting	2-gang semi-flush mounting.
Wiring	CN1 (6 pin) to NHX-80X. When NHR-SP is installed, unplug Connector from CN104 on NHX-80X.

Bedside sub station



NH-1SA/A
Single-jack bedside sub station



NH-2SA/A
Dual-jack bedside sub station



NHR-3TS
Calling zone light



NHR-8C
Bedside call switch

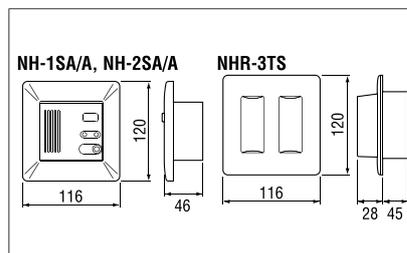
Features

Bedside station for calling and communication. Used with NHR-8C call cord. When call button is pushed, 'CALL' LED is lit red. When master replies, green 'TALK' LED is lit. Press CANCEL to reset the call. When NHR-50M calls in, pre-tone sounds and 'TALK' LED is lit green.

Specifications

Mounting	2-gang semi-flush mounting
Wiring	Sub Nos. 1 ~ 10 setting on SW1. CN1 (6 pin) to sub trunk line. CN2 (8 pin) for NHR-7A, NHR-4A/A.

Unit dimensions



Bathroom pullcord

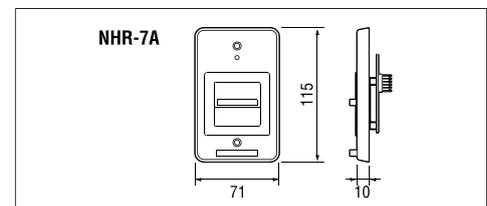


NHR-7A
Staff call / bathroom call switch (pullcord included)

Features

Mechanically locked calling device, used to place an urgent bathroom call from a patient room, common area bathroom or staff call location. Cannot be used alone, and must be used with NH-1SA/A, NH-2SA/A, or with NHR-3TS common area call station. Provides dry closure contact. Master-CALL LED indicates call placed. Ratings 24V DC, 100mA (min. 5mA or more).

Unit dimensions



Specifications

Mounting	Single-gang semi-flush mounting.
Wiring	3 wires to patient station or NHR-3TS.

Corridor lamp

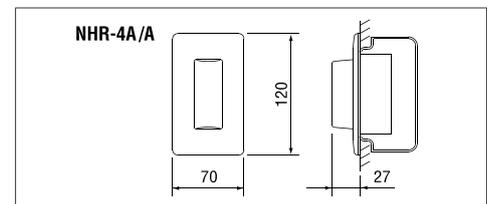


NHR-4A/A
Corridor lamp w/red & white lamps

Features

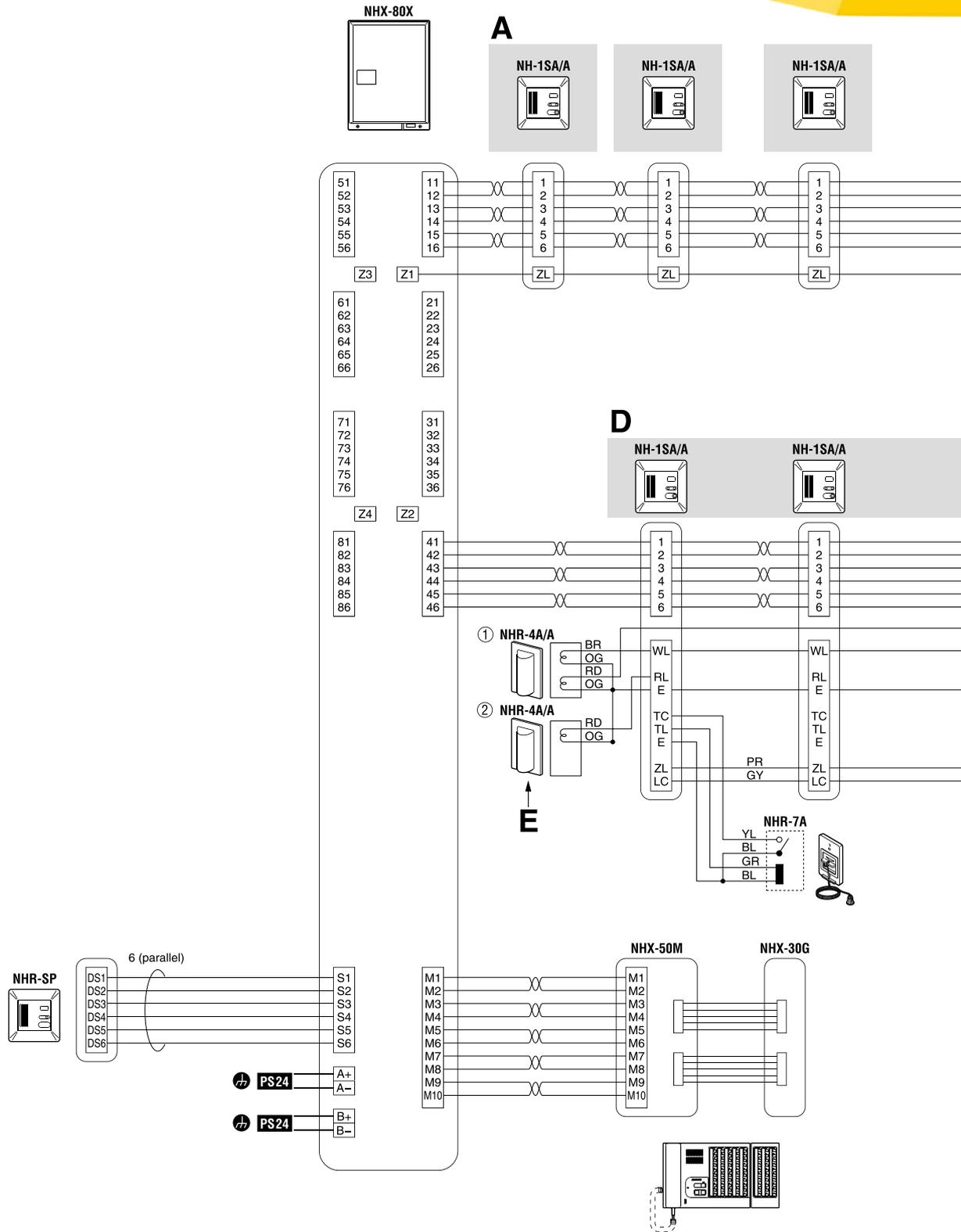
When a call is placed, the NHR-4A blinks red or is steadily lit white. Ratings: 24V DC (or more), 200mA max.

Unit dimensions



Specifications

Mounting	Single-gang semi-flush mounting.
Wiring	3 wires to Bedside sub station.



- A** Patient rooms w/a single bedside sub station
- B** Staff call (corridor)
- C** Bathroom call (common area)
- D** Patient rooms w/multiple bedside sub stations
- E** Corridor lamp NHR-4A/A

①: Two white lamps ②: One red lamp
 NHR-4A ② is required only when NHR-7A staff call / bathroom call switch is installed in a single and common bathroom.

PS24 : PS-2420S, PS-2420UL, PS-2420BF, PS-2420

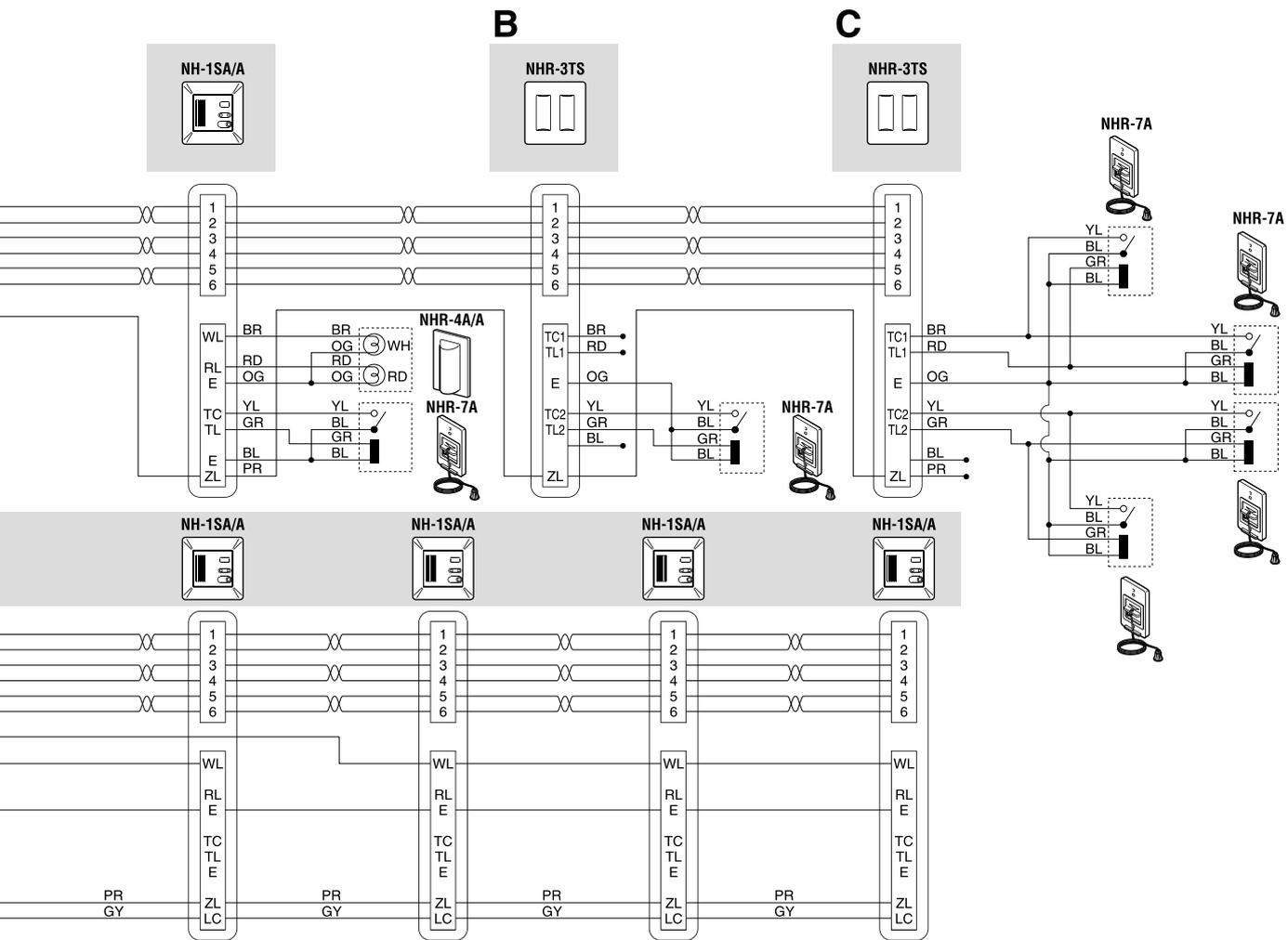
Wire color identifications

NHR-4A/A
 BR: Brown
 OG: Orange
 RD: Red
 OG: Orange

NHR-7A
 YL: Yellow
 BL: Blue
 GR: Green
 BL: Blue

NH-1SA/A
 BR: Brown
 RD: Red
 OG: Orange
 YL: Yellow
 GR: Green
 BL: Blue
 PR: Purple
 GY: Gray

NHR-3TS
 BR: Brown
 RD: Red
 OG: Orange
 YL: Yellow
 GR: Green
 BL: Blue
 PR: Purple



Multi-station patient room applications

Multiple NH-1SA/A and NH-2SA/A bedside sub stations can be installed within a patient room, observing the following conditions;

1. Max. 6 bedside sub stations may be connected per room for max. 12 calls (when NH-2SA/A stations are used).
2. A corridor lamp inside (NHR-4A) must not be connected with more than 4 bedside sub stations.
3. Due to the above, install two NHR-4A/A corridor lamps when more than 4 sub stations are in one room, i.e. two WHITE lamps used in one NHR-4A/A, and one RED bulb used in the other NHR-4A/A.
4. NH-1SA/A and NH-2SA/A station numbers must be programmed in numerical order and connected to the same subs trunk line.
5. NHR-7A staff call / bathroom call switch is optional.

AIPHONE

NIM

SYSTEM



SYSTEM FEATURES

- All call and group call
- Call log
- Powerful sound
- 20/40/60/80 call capacity
- Large variety of sub stations
- Durability and reliability

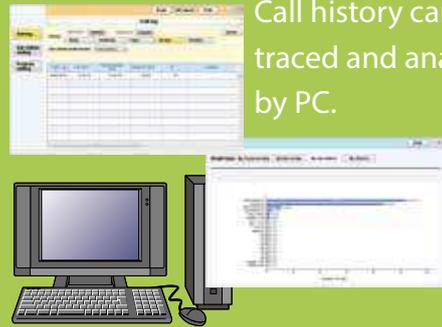


NURSE CALL SYSTEM

Provides reliable communication and enhances the quality of care.



Individual communication with patients is possible by using the bedside handheld sub station.



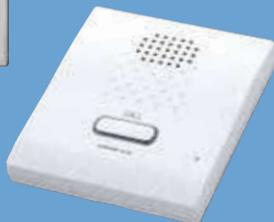
Call history can be traced and analysed by PC.

COMMUNICATION SYSTEM

Used in a wide range of environments such as highway toll gates and schools.



Outdoor sub station and newly designed indoor sub station.

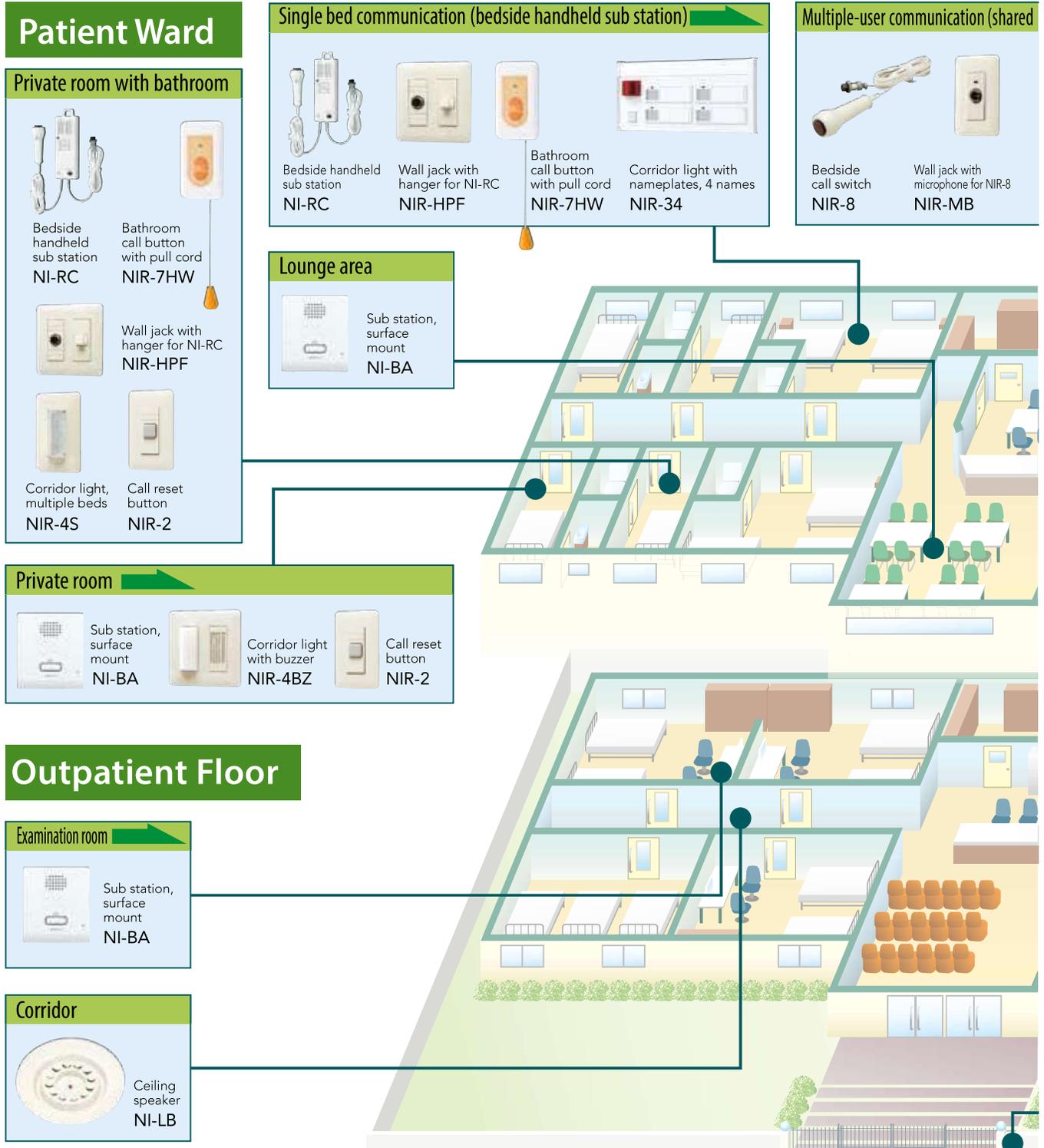


Broadcast option is available.

NURSE CALL SYSTEM

< Examples of System Configuration >

NIM can be used as a nurse call system for providing calls from patient rooms and bathrooms to nurse. Various system configurations offer application flexibility and sophistication. PC connection makes it possible to check call history.



speaker and individual microphone



Ceiling speaker
NI-LB

Corridor light,
single bed
NIR-4

Call reset
button
NIR-2

Multiple-user communication (ceiling speaker and ceiling microphone)



Bedside
call switch
NIR-8

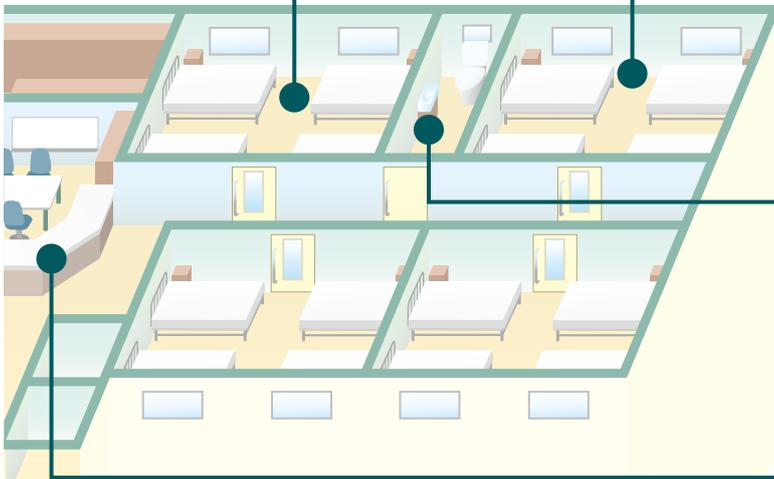
Wall jack for
NIR-8
NIR-1

Ceiling
microphone
NI-SB

Ceiling
speaker
NI-LB

Corridor light,
single bed
NIR-4

Call reset
button
NIR-2



Bathroom

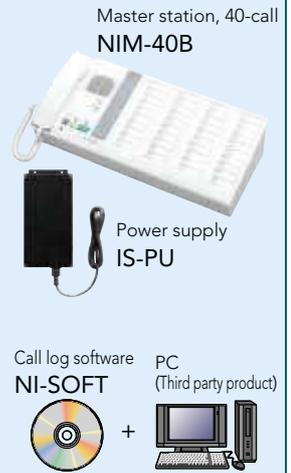


Corridor light,
single bed
NIR-4

Call reset
button
NIR-2

Bathroom
call button
with pull cord
NIR-7HW

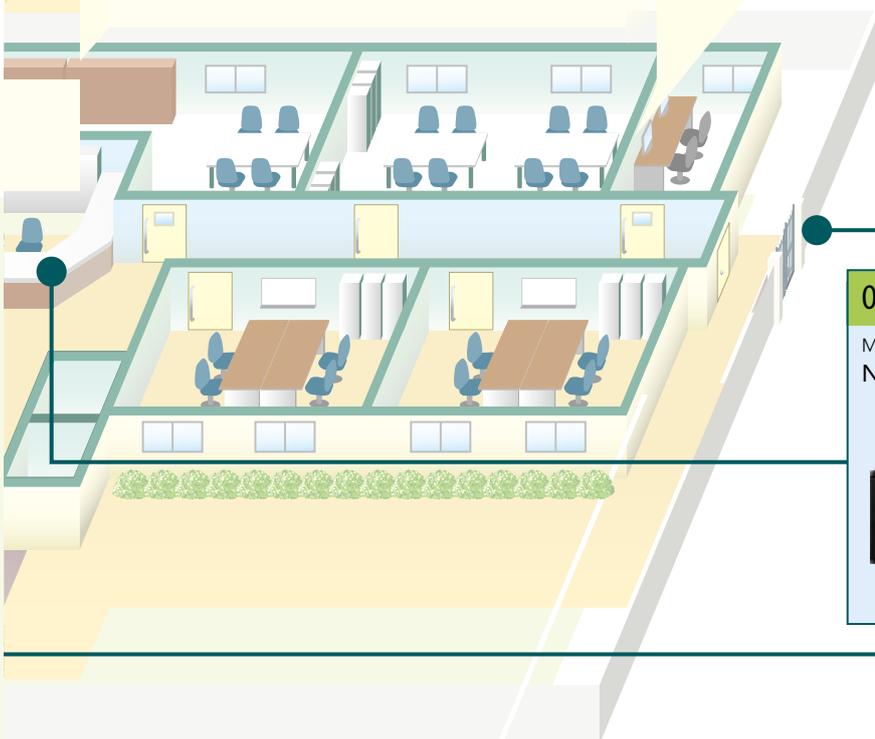
Nurse station



Master station, 40-call
NIM-40B

Power supply
IS-PU

Call log software
NI-SOFT + PC
(Third party product)



Outpatient admissions



Master station, 20-call
NIM-20B

Power supply
IS-PU

Employee service entrance



Sub station,
flush mount
NI-JA

General service entrance



Sub station,
flush mount
NI-JA

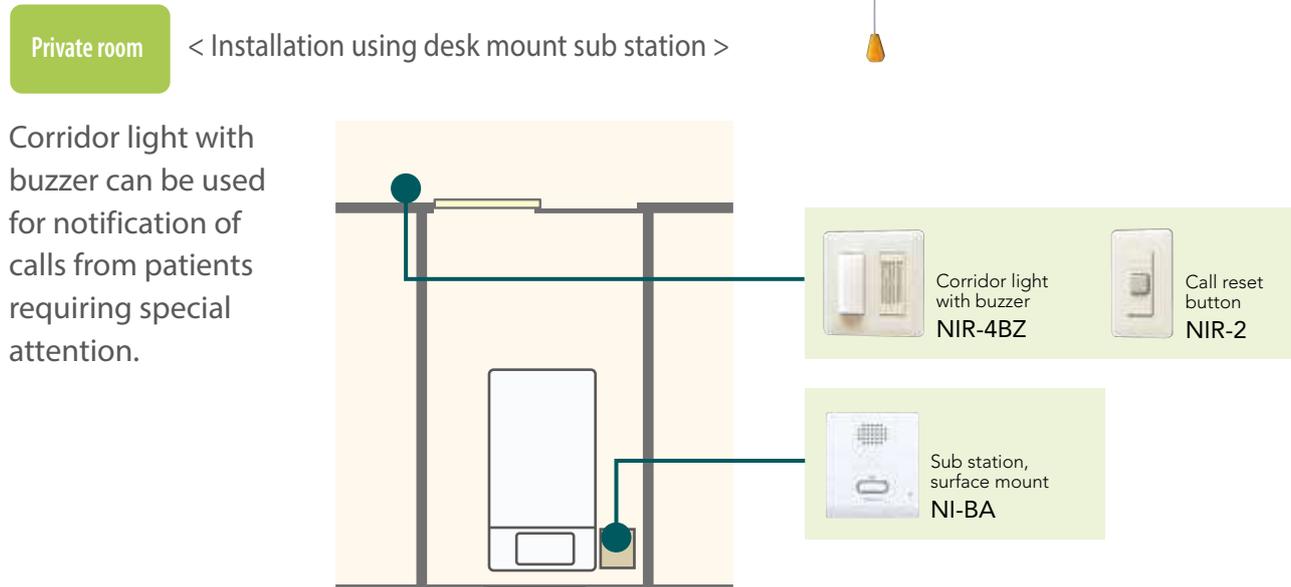
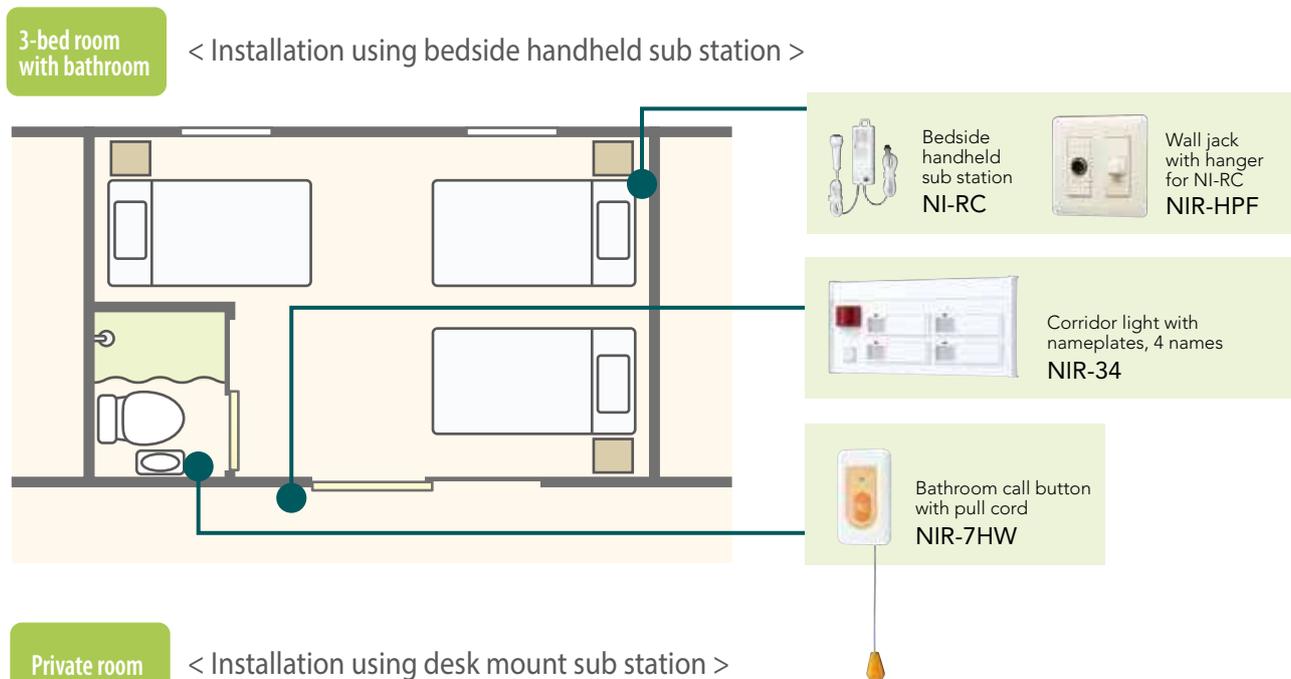
NURSE CALL SYSTEM » Single bed communication

Single bed communication :

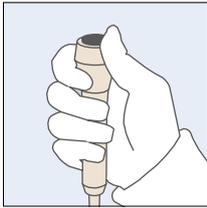
Communication system using a speaker and a microphone.



Examples of Equipment Application



■ Features

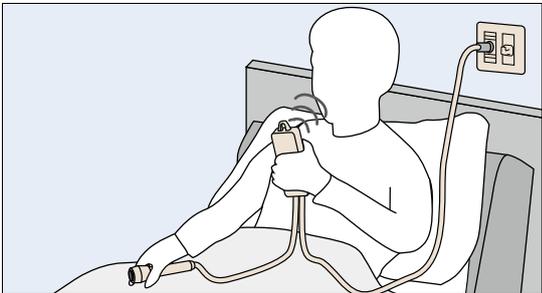


Push the call button.

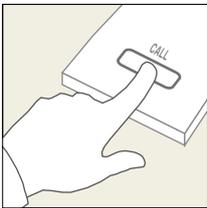


Bedside handheld sub station
NI-RC





Bedside handheld sub station is used to communicate with the nurse station.

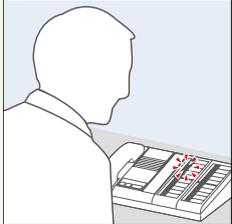


The desk mount sub station can be used for calls and communication also.



Sub station, surface mount
NI-BA

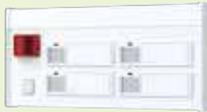
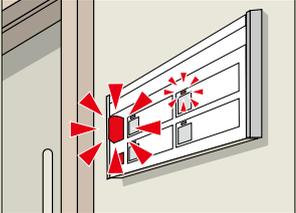
When a call is received, the indicator blinks to notify where the call is made from.



Master station

Lighted lamps in corridor enable nurses to notice calls easily and respond to the patient quickly.

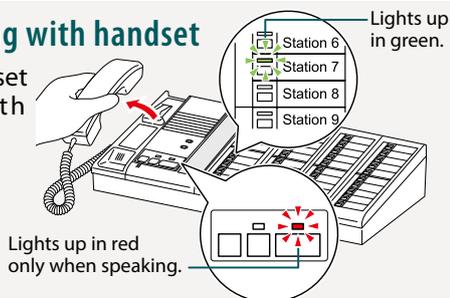



Corridor light with nameplates, 4 names
NIR-34

■ Using the system at the master station

● Answering with handset

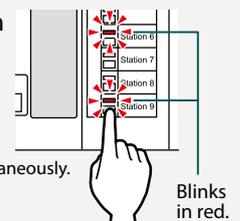
Lift the handset and talk with the caller.



● When receiving two or more calls*

Push the station selector button to select the desired call.** Then, talk with the caller by using the handset or pressing the **TALK** button.

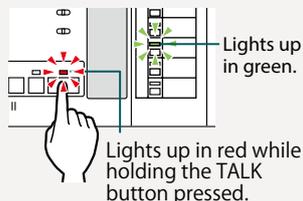
* Maximum of 10 calls can be received simultaneously.
** If this step is skipped, the first-arrived call is automatically selected.



● Answering in open voice mode

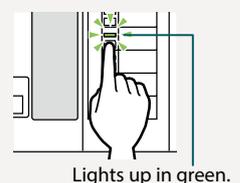
Push and hold **TALK** to begin talking with the caller.

Release **TALK** to listen.



● Calling a single sub station

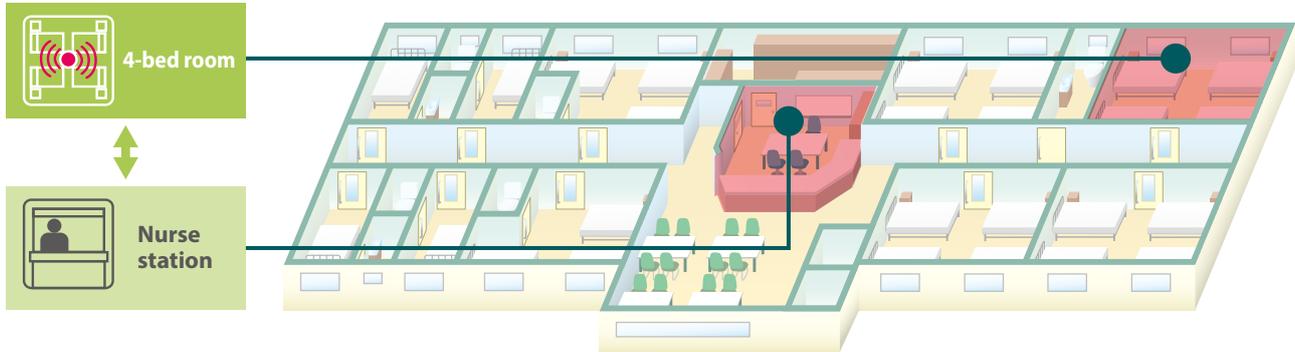
Push a call selector button to call the desired sub station. Then, talk with the caller by using the handset or pressing the **TALK** button.



Shared communication for multiple-occupa

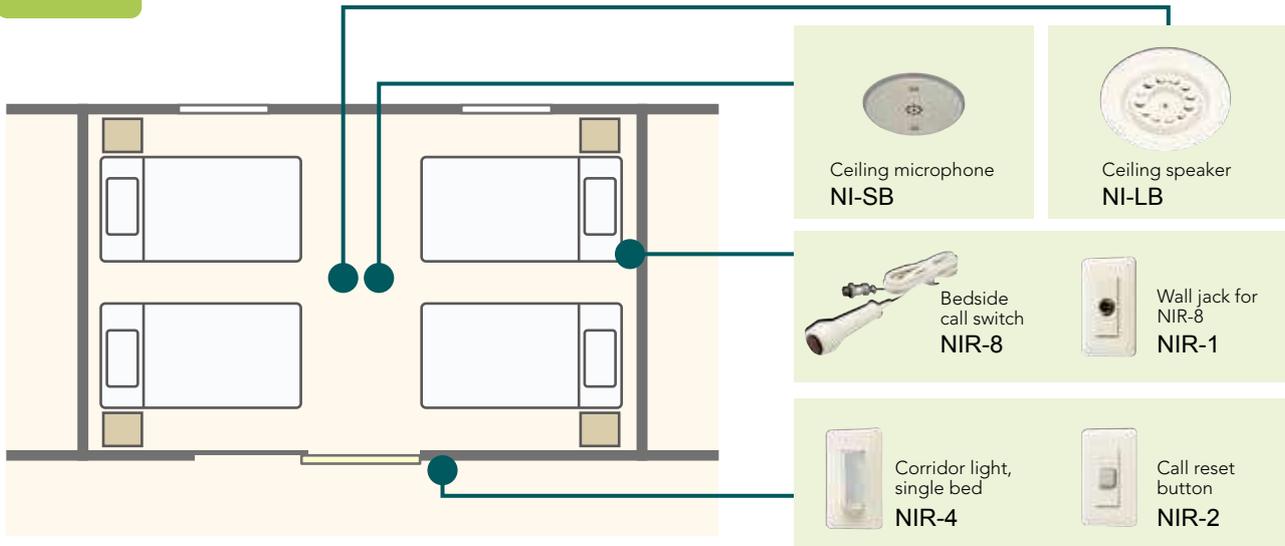
Multiple-user communication :

Communication system using a ceiling speaker and a microphone for communication with the entire room.

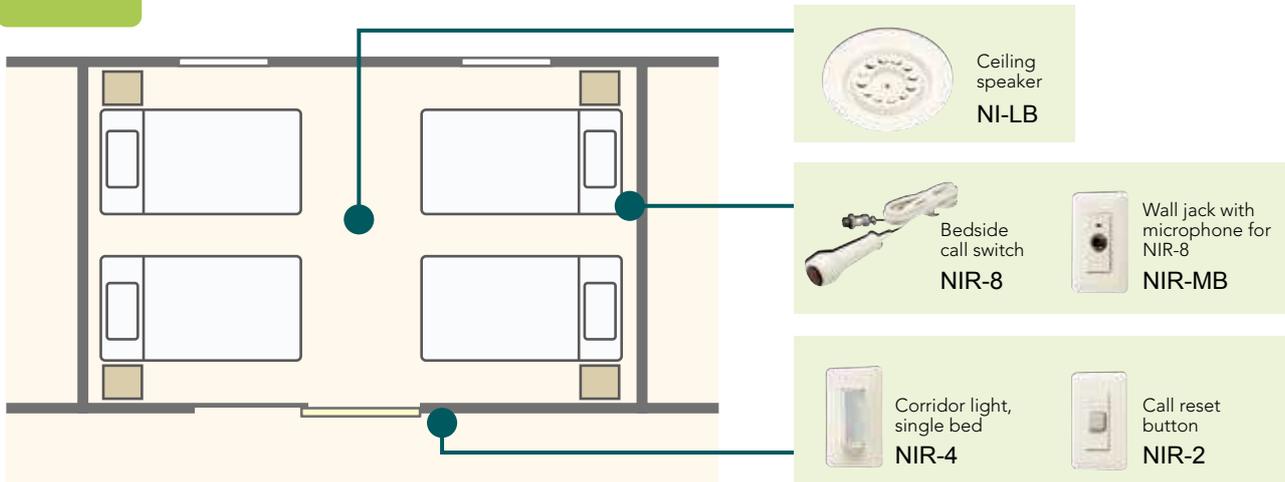


Examples of Equipment Application

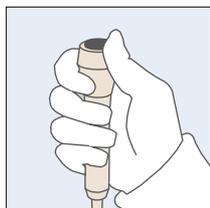
4-bed room < Installation using ceiling microphone and ceiling speaker >



4-bed room < Installation using wall jack with microphone and ceiling speaker >



■ Features

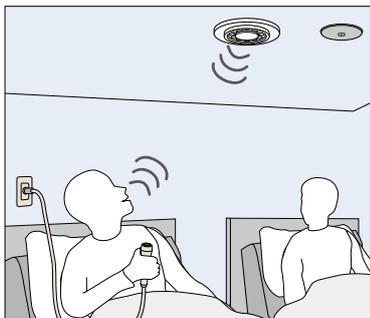


Push the call button.



Bedside call switch
NIR-8

The user speaks toward the ceiling microphone and hears the reply from the ceiling speaker.



Ceiling speaker
NI-LB



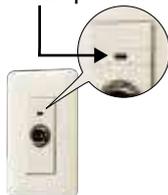
Ceiling microphone
NI-SB

Communication is also possible by using a bedside wall jack with microphone instead of the ceiling microphone.



Ceiling speaker
NI-LB

Microphone

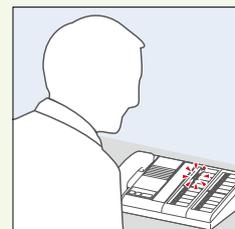


Wall jack with microphone for
NIR-8
NIR-MB

The user speaks toward the wall jack and hears the reply from the ceiling speaker.

CALL
TALK

When a call is received, the indicator blinks to notify where the call is made from.



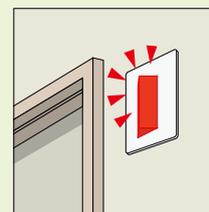
Master station

For more information on master station use see

Lighted lamps in corridor enable nurses to notice calls easily and respond to the patient quickly.

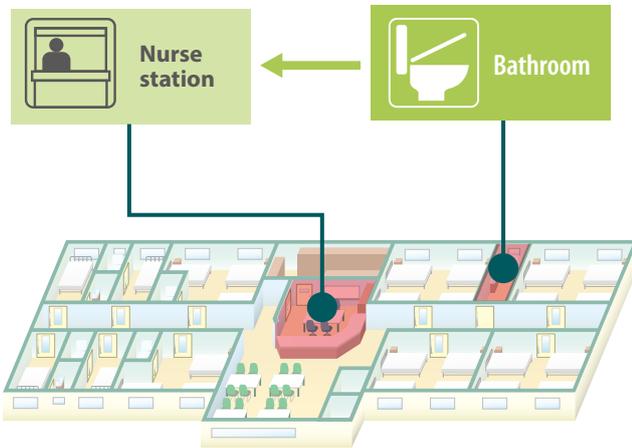


Corridor light, single bed
NIR-4

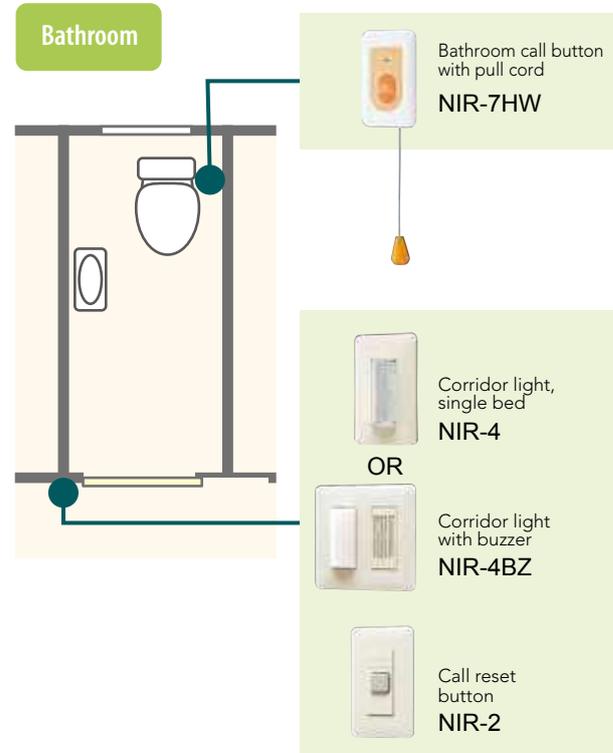


NURSE CALL SYSTEM » Bathroom call button, Sub stations

Receiving a call is possible from a patient in a hospital bathroom.

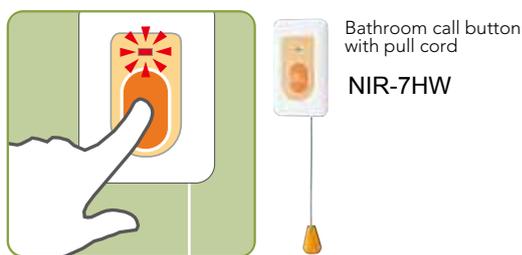


■ Examples of Equipment Application



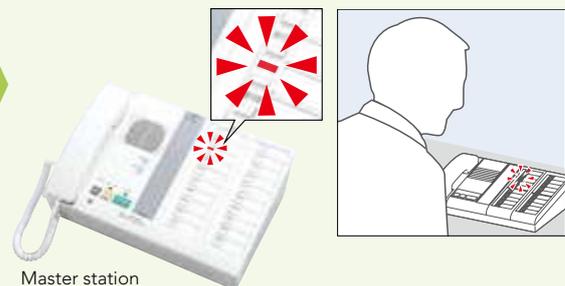
■ Features

The user pushes the call button or pulls the cord to call for assistance. The call indicator lights up while calling.

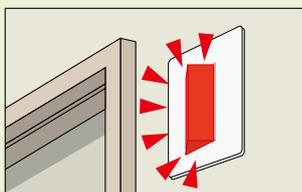


CALL

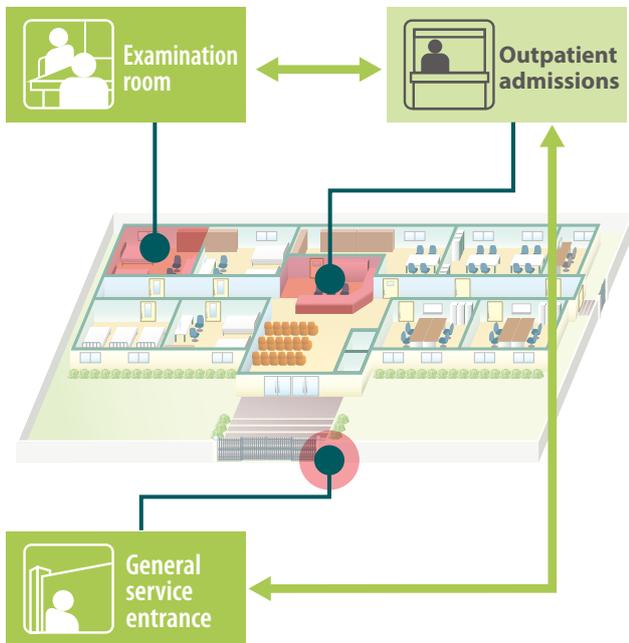
When a call is received, the indicator blinks to notify where the call is made from.



Lighted lamps in corridor enable nurses to notice calls easily and respond to the patient quickly.



Desk mount sub station can be used for internal communication.



Flush mount outdoor station allows communication from outside the hospital.

Examples of Equipment Application

Examination room

Sub station, surface mount
NI-BA

General service entrance

Sub station, flush mount
NI-JA

Features

Sub station, surface mount (NI-BA)

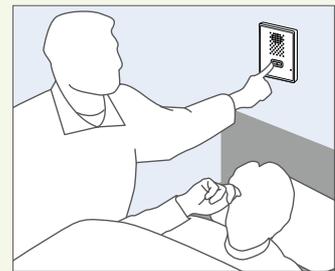


New slim and smart design

Usage examples



Staff rooms and common-use areas



Bedside

Sub station, flush mount (NI-JA)



Vandalism- and weather-resistant – ideal for outdoor installations

Usage examples



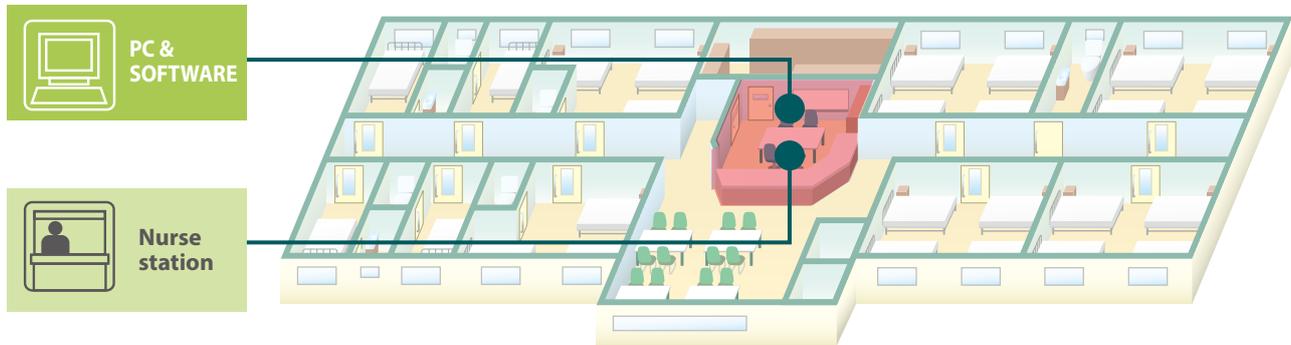
Courtyards



Communication for visitors

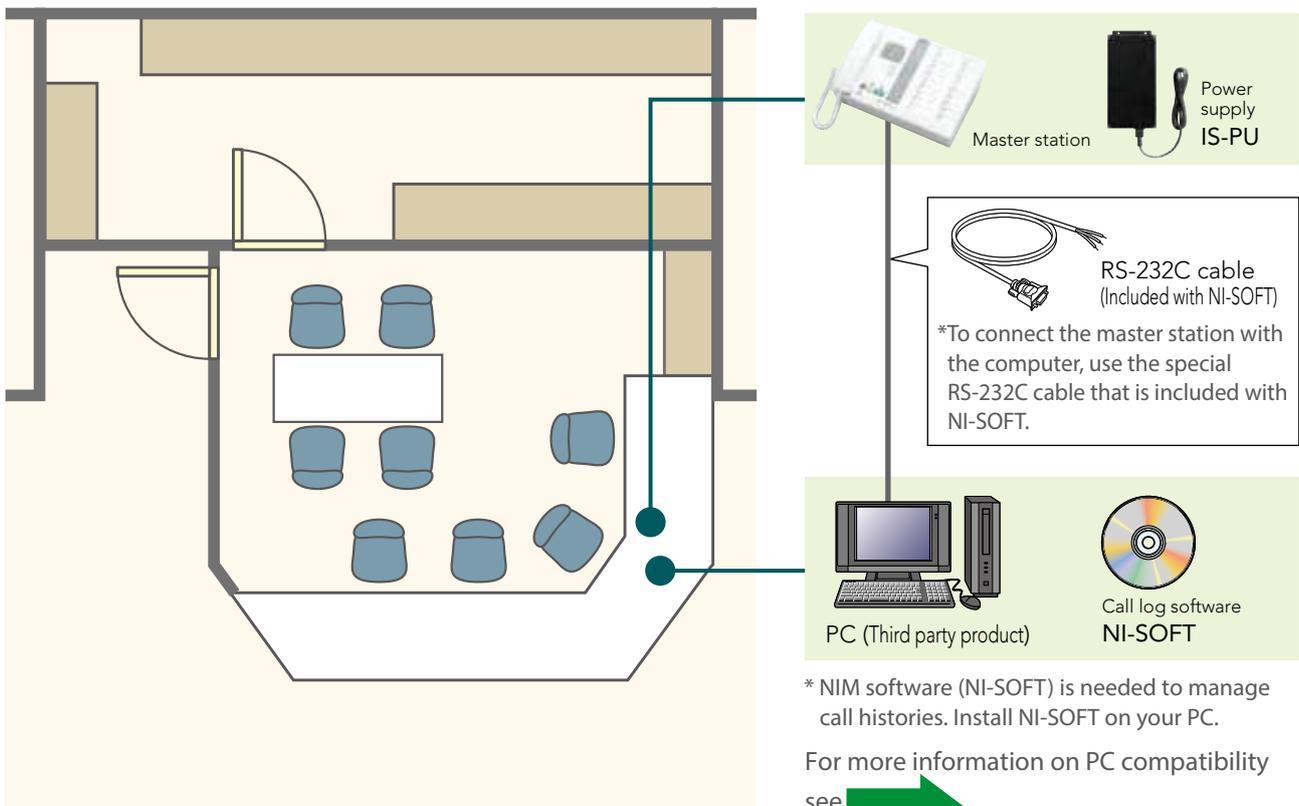
NURSE CALL SYSTEM » Call log software

Connecting a computer to the master station helps to manage patient information, call history, and call-response data.

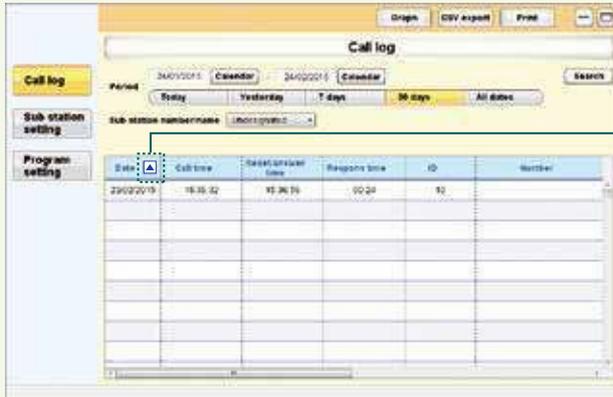


■ Examples of Equipment Application

Nurse station



■ Features



List and search from call history



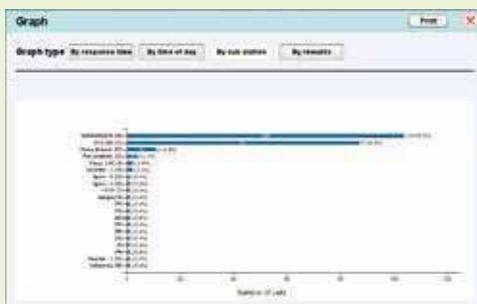
Call history can be searched by date, call time, sub station number, etc.

Name/Remarks
Seiji Yokoi, diabetes, check hourly
Taylor Wyatt, pneumonia, check daily
Isolation room, NO ENTRY

Additional information can be freely entered in the "Name/Remarks" field.

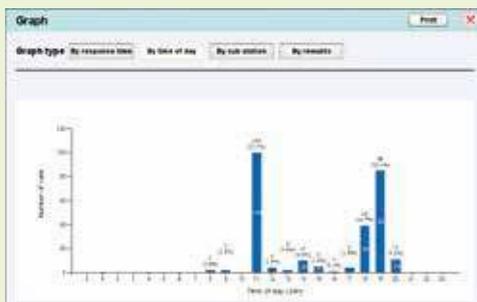
➔ Search results can be printed out or exported into CSV-format files.

Example of graph display



● Number of calls from sub stations

This allows nursing staff to see which patients have the highest number of calls, enabling management to schedule and prioritize care.



● Number of calls during different times of day

This enables verification of peak-time trends, enabling management to adjust staffing accordingly.



● Response time for calls

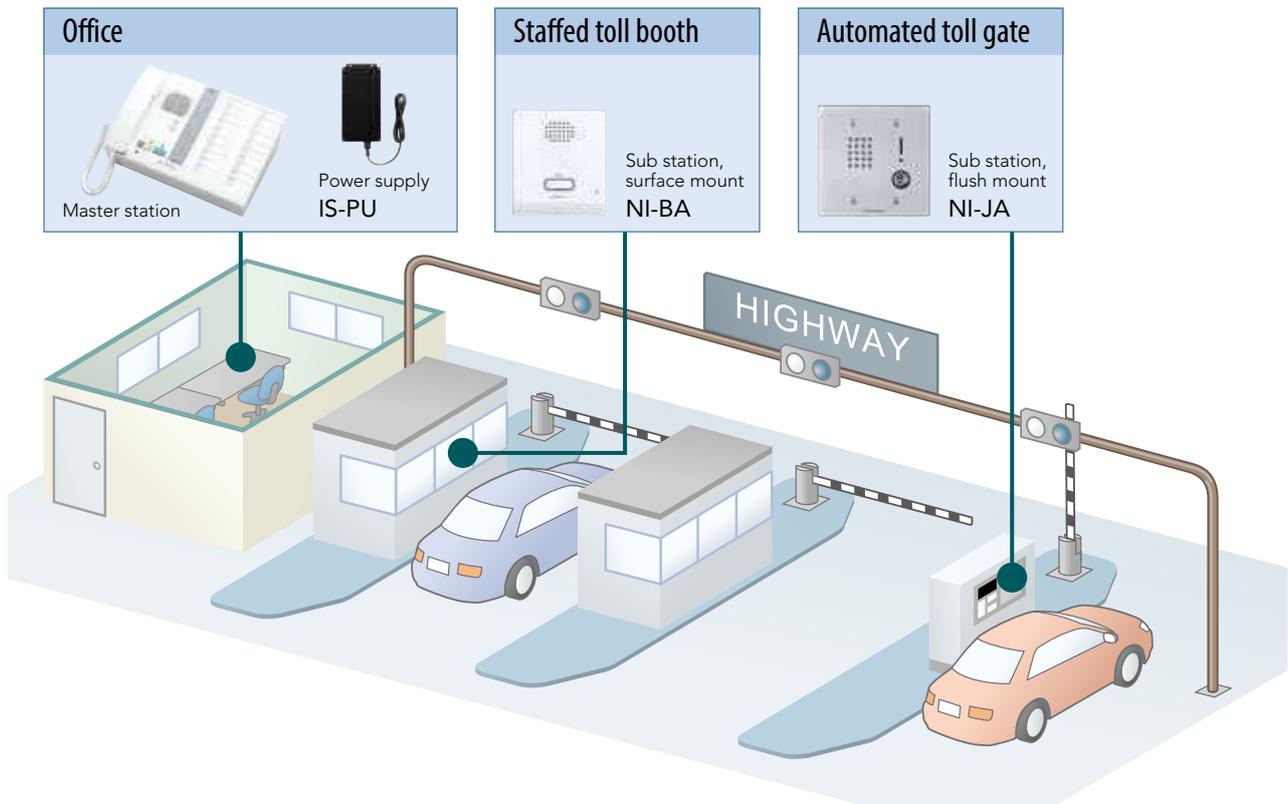
View the number of seconds from call to response, which can be useful in improving the level of service.

COMMUNICATION SYSTEM » Public facilities

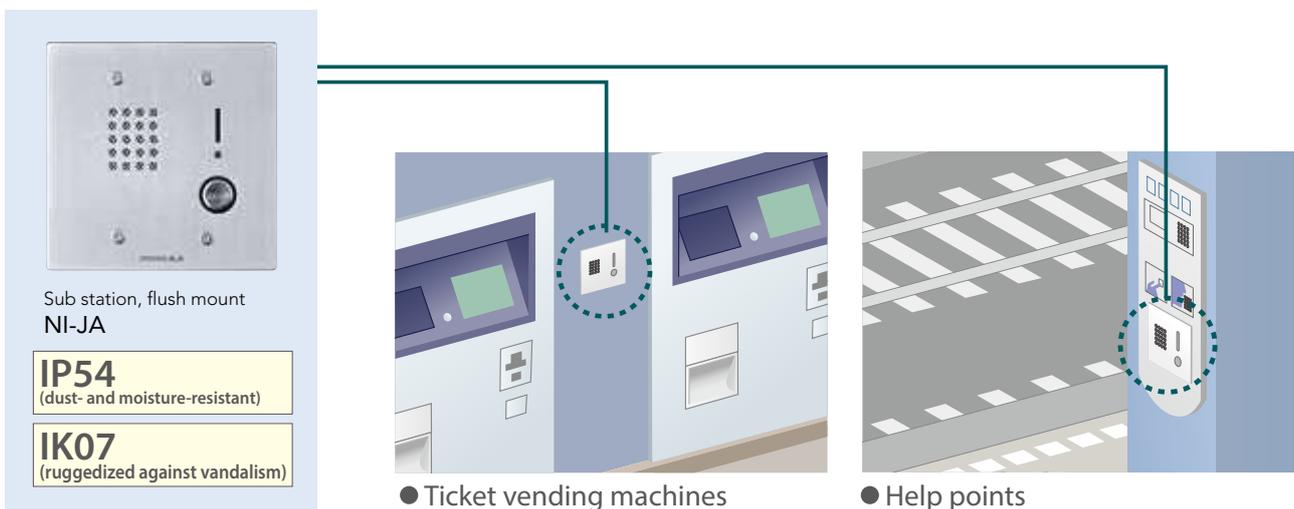
< Examples of System Configuration >

NIM system can be used for reliable communication. It can also be used in challenging conditions and noisy environments. This opens the door for various business and administrative applications.

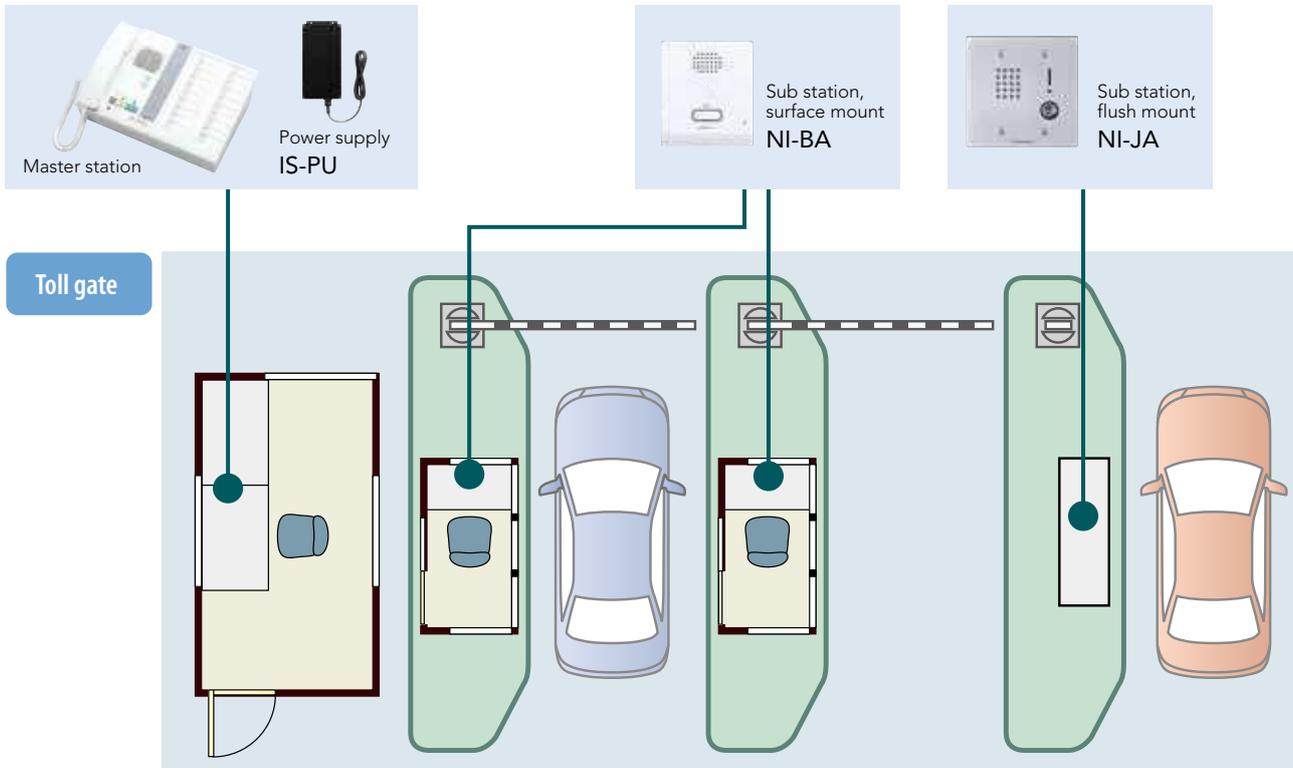
Example of Installation at a Toll Gate



Other Examples of Installation (NI-JA)

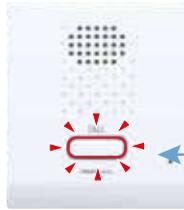


Examples of Equipment Application

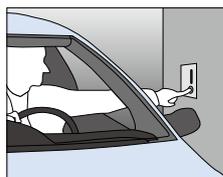


Features

Large button allows easy operation. Communication is enabled by a single push of the button.

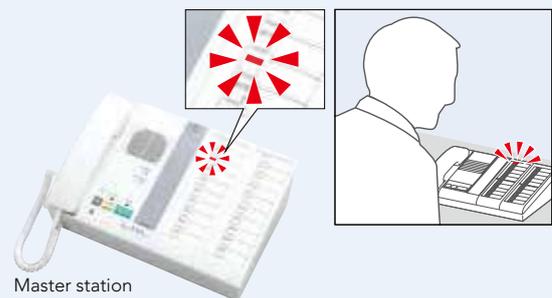


Flush mount sub station is weather- and vandalism-resistant.



The call indicator on the sub stations provides visual indication of call status. Lit while being called, off during communication.

When a call is received, the call indicator blinks to signify which booth is sending the call.



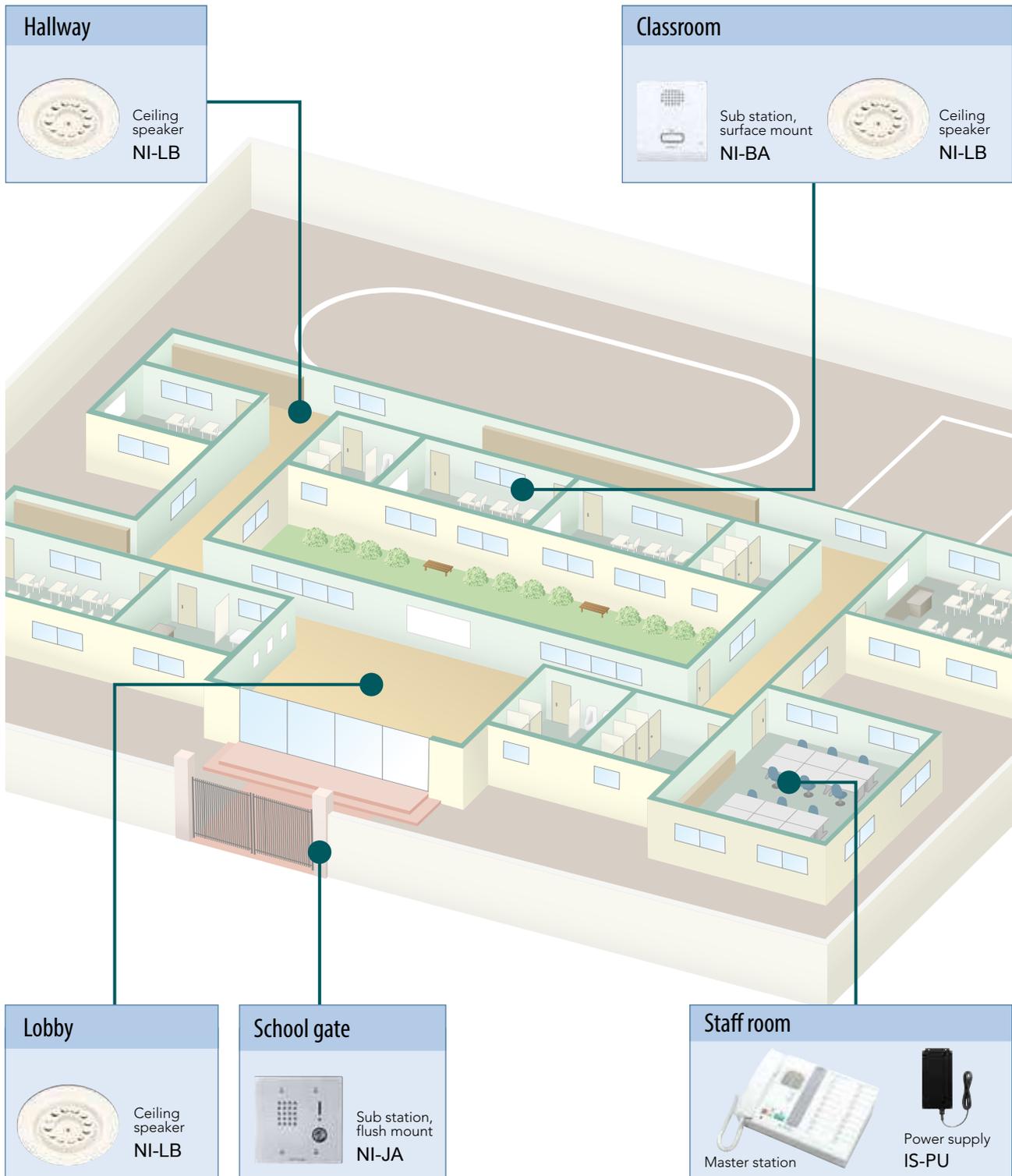
For more information on master station use see

COMMUNICATION SYSTEM » Schools

< Examples of System Configuration >

NIM system can be utilized to broadcast announcements to selected stations or all stations.

Example of Installation in a School



Examples of Equipment Application

Classroom

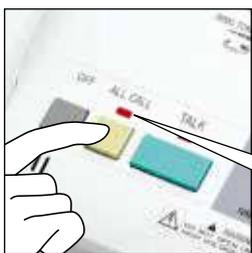
Sub station, surface mount
NI-BA

Ceiling speaker
NI-LB

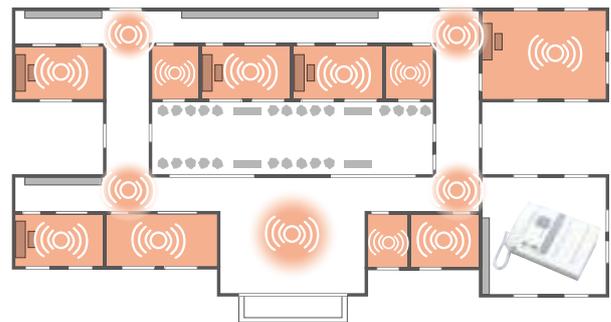
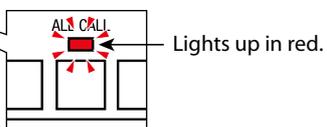
Features

Broadcast to all stations

Broadcasting to all sub stations is possible.



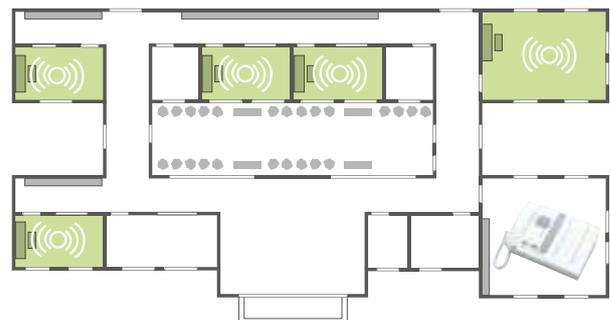
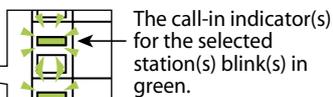
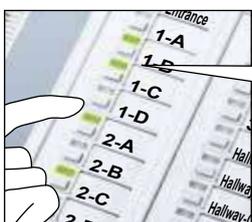
Push the **ALL CALL** button. Then start broadcasting by using the handset or pressing the **TALK** button.



A pretone is heard at all the sub stations before the broadcast.

Group broadcasts to selected stations

Broadcasts limited to selected classrooms are possible. Push the station selector button(s) for the target sub station(s).



Group broadcasts can be made to up to 5 sub stations.

UPGRADING FROM NEM

Handheld sub station

Original system (NEM system)

Privacy is difficult to maintain using ceiling sub station.



NIM system

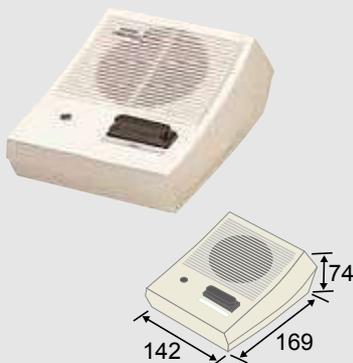


- The handheld sub stations are equipped with a microphone and speaker, enabling communication with individual patients.
- Private communication helps to provide more detailed care of patients.

Desk mount sub station

Original system (NEM system)

The design does not meet current needs.



NIM system

- The system has been reborn with a stylish design, maintaining the same features.



Flush mount sub station

Original system (NEM system)

The previous sub station had limited application scope.



NIM system

- The new sub station is vandalism- and weather- resistant. This allows installation in a wider range of areas.



IP54
(dust- and moisture-resistant)

IK07
(ruggedized against vandalism)

Corridor light with nameplates

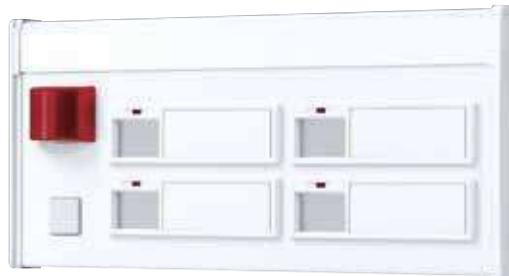
Original system (NEM system)

No identification of individual calls.



NIM system

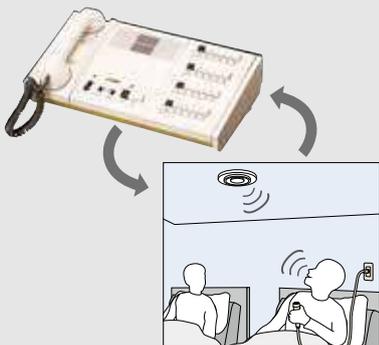
- Easy identification of calls, thanks to our new corridor lamp with nameplate.



Call log software

Original system (NEM system)

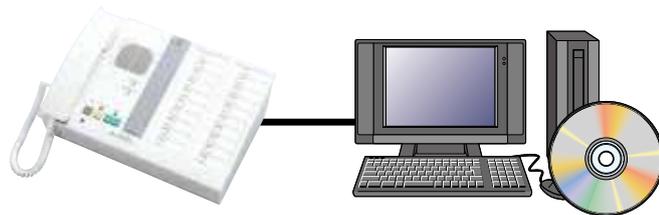
Simple communication without call log.



NIM system

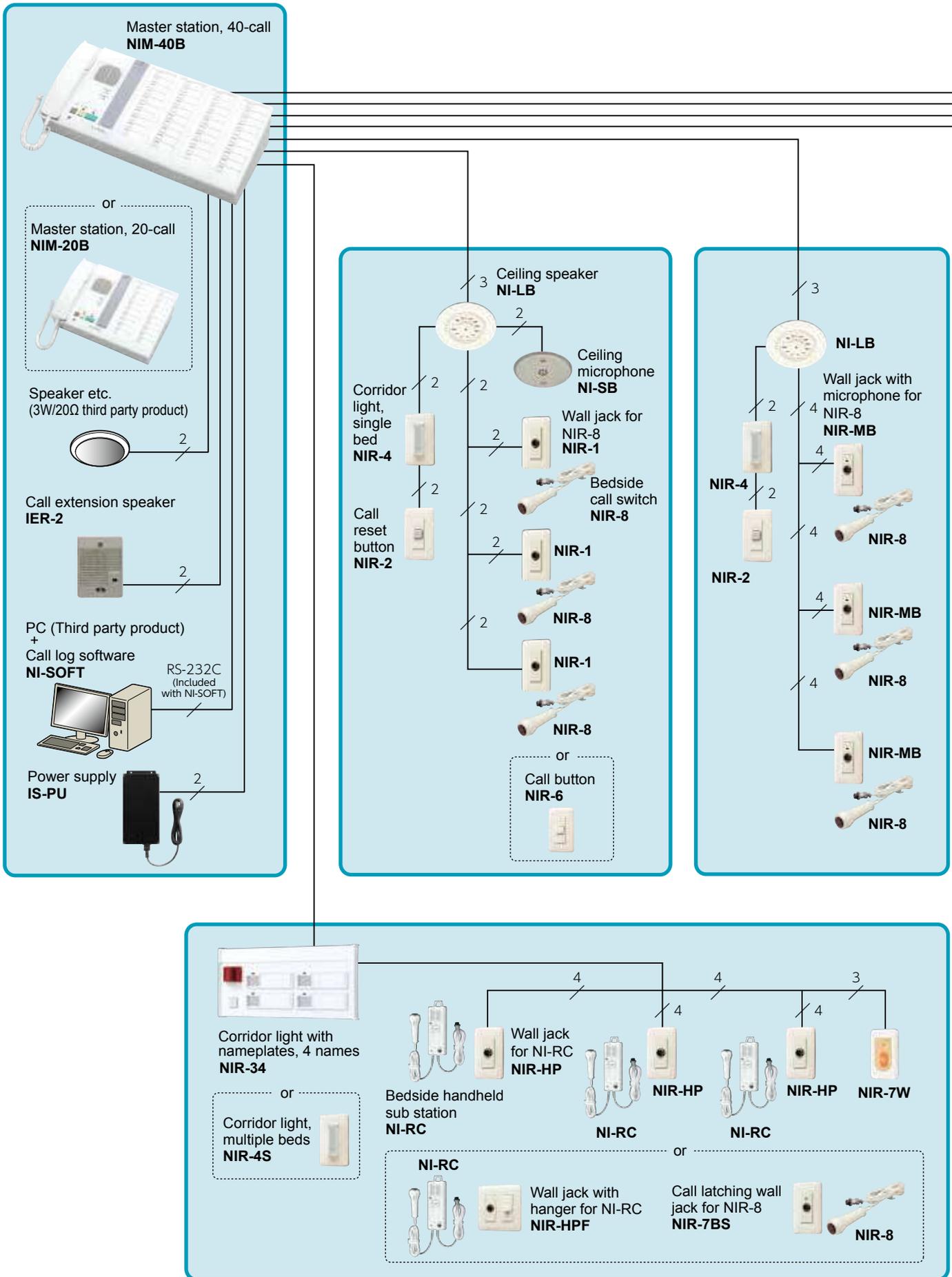
- Connectable to PC for call history, patient information, and call-response data.

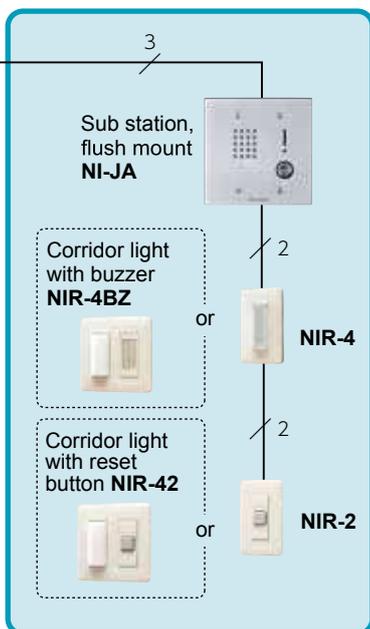
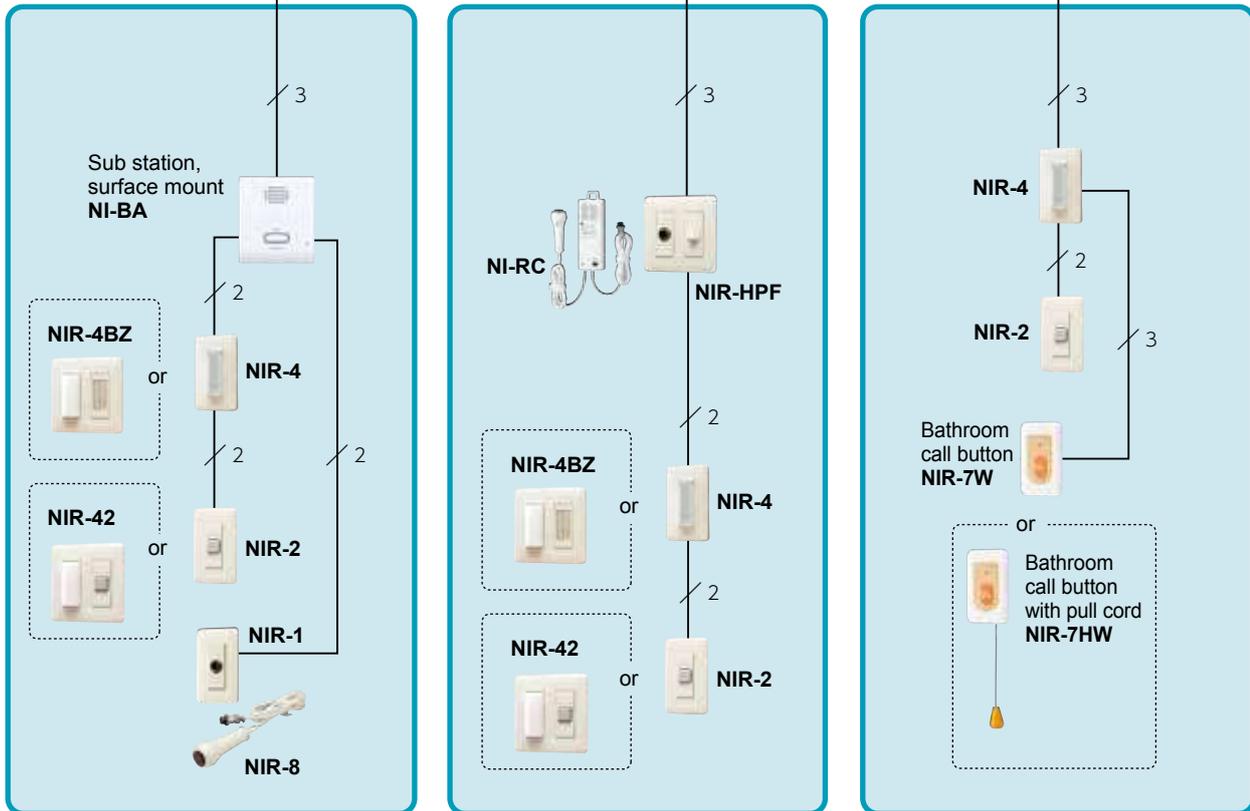
No need for an Internet connection. Using a RS-232C cable is enough for PC connection.



SYSTEM CONFIGURATION

System configuration example. Wiring method is subject to system configuration.





System capacity

The number of sub stations is subject to the type of master station.

Master station		Sub station (Qty)	Power supply (Qty)	Personal computer (Qty)
Model	Qty			
NIM-20B	1	20	1	1
NIM-40B	1	40	1	1
NIM-60B	1	60	2	1
NIM-80B	1	80	2	1

(*): Special order product

Wiring distance

	Wire diameter	Maximum distance
Master station - sub station	Ø0.65 mm (22 AWG)	130 m (490')
	Ø0.9 mm (19 AWG)	200 m (650')
Master station - power supply	Ø0.9 mm (19 AWG)	10 m (33')
Master station - call extension speaker (IER-2)	Ø0.9 mm (19 AWG)	50 m (165')

SYSTEM COMPONENTS

Master station



NIM-20B
Master station, 20-call



NIM-40B
Master station, 40-call

Power source: 48 V DC (supplied from the power supply)
Communication: Handset: Voice-actuated communication
Open voice: Push-to-talk (PTT)
Material: Panel: Flame resisting resin
Chassis: SPCC

* NIM-60B
Master station, 60-call (special order product)
* NIM-80B
Master station, 80-call (special order product)

Call button, wall jack



NIR-8
Bedside call switch

Material: Flame resisting plastic



NIR-1
Wall jack for NIR-8

Power source: Supplied from the master station
Mounting: Wall (flush)-mount
Electrical box: 1-gang box
Material: Plastic



NIR-MB
Wall jack with microphone for NIR-8

Power source: Supplied from the master station
Mounting: Wall (flush)-mount
Electrical box: 1-gang box
Material: Plastic



NIR-7BS
Call latching wall jack for NIR-8

Power source: Supplied from the master station
Mounting: Wall (flush)-mount
Electrical box: 1-gang box
Material: Plastic



NIR-6
Call button

Power source: Supplied from the master station
Mounting: Wall (flush)-mount
Electrical box: 1-gang box
Material: Plastic

Sub station



NI-RC
Bedside handheld sub station

Power source: Supplied from the master station
Communication: Open voice hands-free auto-voice actuation
Material: Plastic



NIR-HP
Wall jack for NI-RC

Power source: Supplied from the master station
Mounting: Wall (flush)-mount
Electrical box: 1-gang box
Material: Plastic



NIR-HPF
Wall jack with hanger for NI-RC

Power source: Supplied from the master station
Mounting: Wall (flush)-mount
Electrical box: 2-gang box
Material: Plastic



NI-BA
Sub station, surface mount

Power source: Supplied from the master station
Communication: Open voice hands-free communication
Mounting: Desktop use or wall (surface)-mount
Electrical box: 1-gang box
Material: Flame resisting resin



NI-JA
Sub station, flush mount

Power source: Supplied from the master station
Communication: Open voice hands-free communication
Mounting: Flush-mount
Electrical box: 2-gang box
Material: Front panel: Stainless steel
Main unit: Flame resisting resin
Remarks: Weather-resistant (Protection class: IP54,IK07)

Ceiling speaker



NI-LB
Ceiling speaker

Power source: Supplied from the master station
Mounting: Flush-mount on the ceiling
Material: Plastic

Ceiling microphone



NI-SB
Ceiling microphone

Power source: Supplied from the master station
Mounting: Flush-mount on the ceiling
Material: Stainless steel

Corridor light, reset button



NIR-4
Corridor light, single bed

NIR-4S
Corridor light, multiple beds

Power source: Supplied from the master station
Mounting: Wall (flush)-mount
Electrical box: 1-gang box
Material: Plastic



NIR-2
Call reset button

Power source: Supplied from the master station
Mounting: Wall (flush)-mount
Electrical box: 1-gang box
Material: Plastic



NIR-4BZ
Corridor light with buzzer

Power source: Supplied from the master station
Mounting: Wall (flush)-mount
Electrical box: 2-gang box
Material: Plastic



NIR-42
Corridor light with reset button

Power source: Supplied from the master station
Mounting: Wall (flush)-mount
Electrical box: 2-gang box
Material: Plastic



NIR-31
Corridor light with nameplate, 1 name



NIR-32
Corridor light with nameplates, 2 names



NIR-34
Corridor light with nameplates, 4 names

Power source: Supplied from the master station
Material: SPCC

Bathroom call button



NIR-7W

Bathroom call button

Power source: Supplied from the master station

Mounting: Wall (flush)-mount

Electrical box: 1-gang box

Material: Flame resisting resin

Remarks: Splash proof



NIR-7HW

Bathroom call button with pull cord

Power source: Supplied from the master station

Mounting: Wall (flush)-mount

Electrical box: 1-gang box

Material: Flame resisting resin

Remarks: Splash proof

Call extension speaker



IER-2

Call extension speaker

Power supply



IS-PU-UL IS-PU-S

Power supply

Power source: AC 100 - 240 V, 50/60 Hz.

Power consumption: 120 W

(Secondary) Output voltage: DC 48 V

(Secondary) Output current: 2.1 A

Mounting: Stationary, wall-mount (IS-RACK^(*)) or rack-mount (IS-RACK^(*))

Material: Steel plate

(*) IS-RACK: Consult an authorized Aiphone dealer for details.

PC application System requirements fo PC



NI-SOFT

Call log software

Accessory : RS-232C cable

OS	Windows 7 / Home Premium / Professional / Ultimate(Service Pack1 32/64bit) Windows 8.1/ Pro (32/64bit)
Processor	2.7 GHz or higher
System memory (RAM)	2 GB RAM or higher
Hard drive	100 MB or more (Additional space is needed during installation.)
Requirements	<ul style="list-style-type: none"> •RS232C port installed on the PC or an add-in board •CD-R readable drive •A PC operable 24 hours a day •Display : 1024 (W) x 768 (H) or higher, 16-bit color or higher •Font : Arial •Run-time : Microsoft.NET Framework 4.5

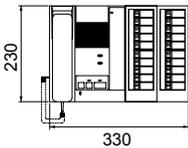
• The application may not run or may not operate correctly (such as freezes occurring) on a PC with specifications below the necessary requirements.

• We recommend using a PC that exceeds the basic system requirements.

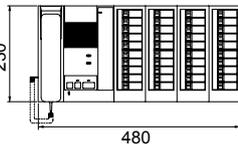
Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

UNIT DIMENSIONS (mm)

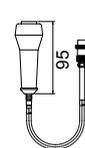
NIM-20B



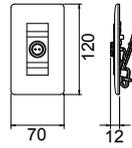
NIM-40B



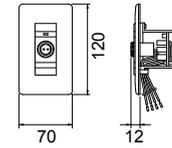
NIR-8



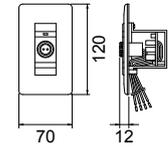
NIR-1



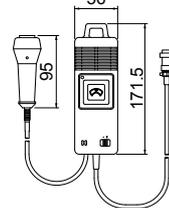
NIR-MB



NIR-7BS



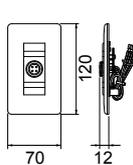
NI-RC



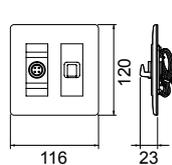
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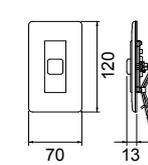
NIR-HP



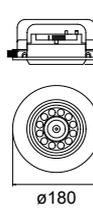
NIR-HPF



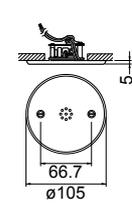
NIR-6



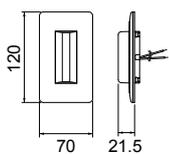
NI-LB



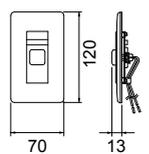
NI-SB



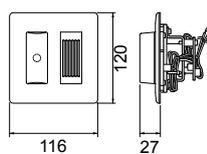
NIR-4, NIR-4S



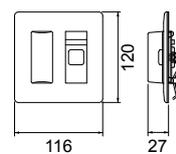
NIR-2



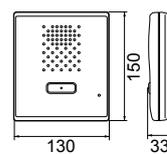
NIR-4BZ



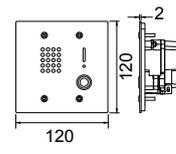
NIR-42



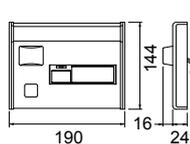
NI-BA



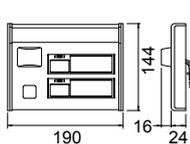
NI-JA



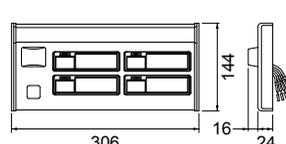
NIR-31



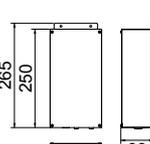
NIR-32



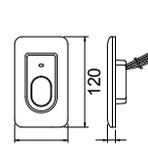
NIR-34



IS-PU



NIR-7W



NIR-7HW

