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User Manual

NURSE CALL SYSTEM JNS-36(Series)

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COMMAX Co.,Ltd.



- Thank you for purchasing COMMAX products.
- Please carefully read this User's Guide (in particular, precautions for safety) before using a product and follow instructions to use a product exactly.
- The company is not responsible for any safety accidents caused by abnormal operation of the product.

Introduction

Established in 1968 Jung Ang Electronics Co., Ltd. has specialized in the field of intercommunication system for 27 years, and now it is our greatest pleasure to present a highly advanced hospital communication network system which we assure to level up your hospital culture.

Nurse call system introduction

We have three types of nurse call system as below table.

System Features	JNS-36 Series	JNS-600 Series	JNS-1000 Series
System type	Analogue	Analogue	Digital
Nurse Stations	JNS-12/24/36	JNS-6012M/6028M/6044M/6060M	JNS-1060M/1108M
Patient Station	JNS-101	JNS-102	JNS-1050M/1050S
Central controller		JNS-6012, 6060	JNS-1060, 1108
wire	2 common+ 1 individual	1 common+ 2 individual	5pair(10wires)common
Max accommodation	Max 36 beds (36 stations call & communication)	a. Max 36 beds (30 stations call & communication) b. 8 rooms of public toilets(emergency)	a. Max 29wards of 108 beds (1080 stations call & communication) b. Max 29 ward's shower room & toilets. (emergency function) c. 16 rooms of public toilets (emergency function)
Available functions	a. Corridor light	a. Corridor light b. Master to Master talk (Max 6 stations) c. Call cord only. d. Guiding light	a. Corridor light/Guiding light b. Master to Master talk (max 90 stations) c. Presence switch. d. Staff call e. Emergency switch. f. Call cord & pillow speaker g. Compatible with TP-90AN upto 90 station's communication of nurse and staff stations.
Effective distance	Max 1,000m	Max 500m	Max 500m

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Manual of JNS-36 Series

1. Model No

The model No of the nurse call system would be decided by its accommodating interphone station number as follows;

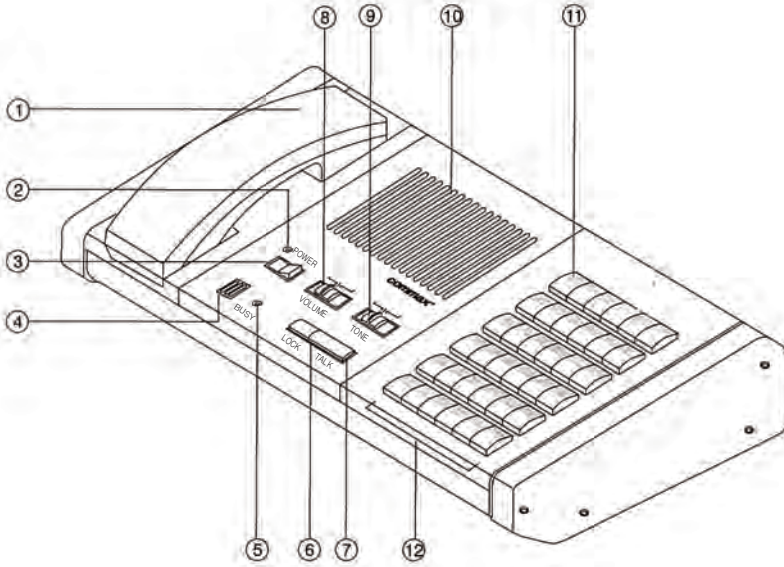
No	Wiring	station No	MODEL No	ETC
1	8wire	6 station	JNS-6	Basic Case
2	14 wire	12 station	JNS-12	Basic Case
3	20 wire	18 station	JNS-18	Basic Case
4	26 wire	24 station	JNS-24	Basic Case
5	32 wire	30 station	JNS-30	Basic Case
6	32 wire	36 station	JNS-36	Basic Case
7	44 wire	42 station	JNS-42	additional case (order made)
	station number + 2wire	add ed. up by 6 stations	JNS- station No.	

2. Features

- 2-1. Clear communicating line.
- 2-2. You can adjust each call volume and talk volume separately.
- 2-3. When a call receiving, LED lamp turn off automatically.
- 2-4. When a communicating, the lamp of the line will be on.
- 2-5. Two way communication.
- 2-6. Hands-fred talk function.

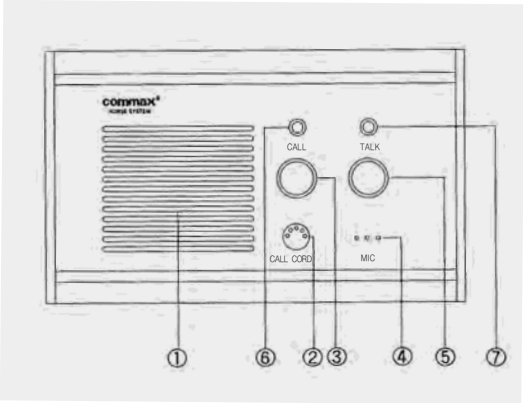
3.STRUCTURE

3-1. MASTER STATION



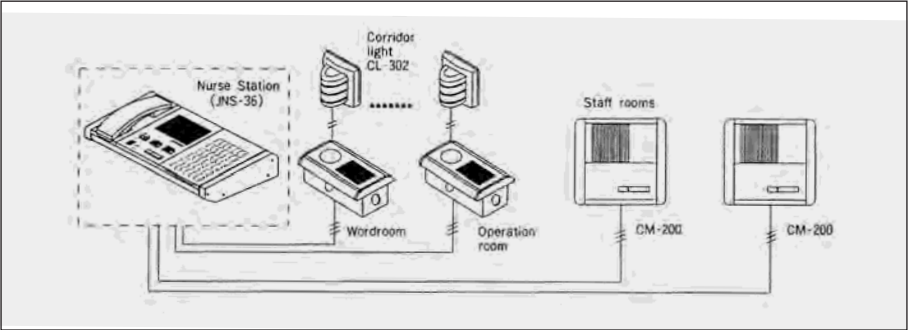
- ① HAND SET :
- ② POWER LED : To check the Power Switch's condition.
- ③ POWER S/W : To provide a power.
- ④ C-MIC : To transmit a message.
- ⑤ BUSY LEN : To indicate busy line by lamp On.
- ⑥ LOCK BUTTON : Only to transmit a message in one way, the lamp is on.
- ⑦ TALK BUTTON : To press the button for talking. (during H/F communicating)
- ⑧ VOICE : To adjust receiving volume by three stage, High, Mid & Low.
- ⑨ TONE : To adjust receiving signal by three stage, High, Mid & Low.
- ⑩ SPEAKER : To output the message.

3-2. SUB STATION

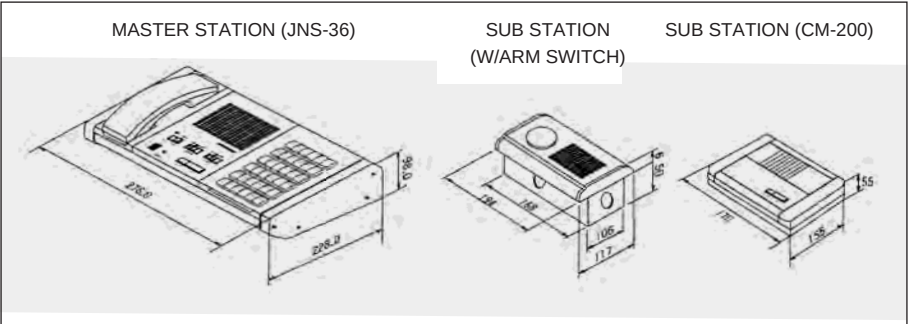


- ① SPEAKER :
- ② CALL JACK : Can be connected with call cord CC-200.
- ③ CALL BUTTON : To call a master.
- ④ C-MIC :
- ⑤ CANCEL BUTTON : To cancel a call.
- ⑥ CALL LAMP : LED's off in calling.
- ⑦ TALK LAMP : LED's on in talking.

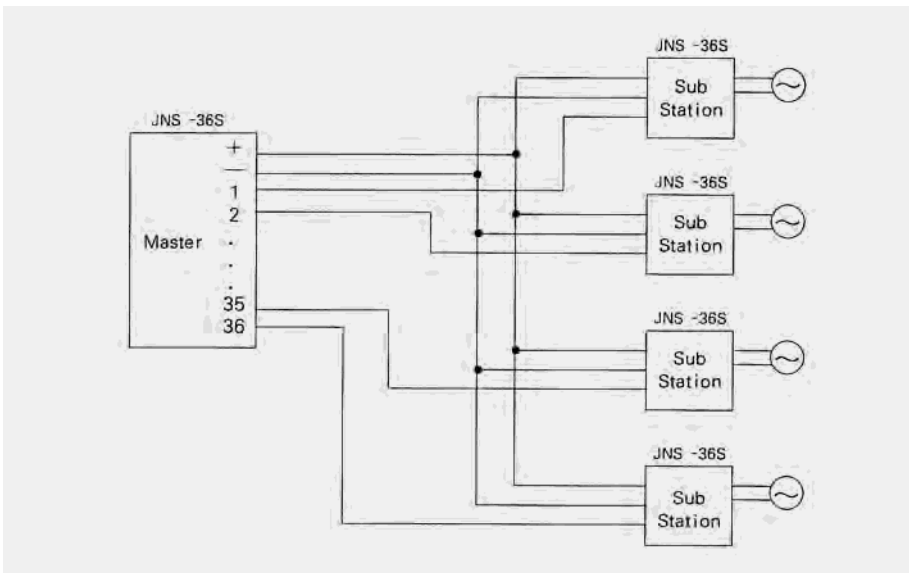
4. System working diagram



5. Figure



6. Connection diagram



- common two wire and individual one wire

7. Operating Instruction

7-1. When call a sub station in master.

- ① Please press a select button that you want then a LED in the button is "ON".
- ② With hand-set communicating you can talk in two way communication.
- ③ Under using a intercom way of communication, You can talk through talk button.

7-2. When call a master in substation.

- ① With pressing the call button in substation the LED Lamp in master is "ON" and Melody is transmitted.
- ② The call Lamp & corridor lights will be "OFF" at same time.
- ③ Please press the master button or lift up the hand set to talk.
- ④ Please return the select button after finishing a talk.

8. SPECIFICATIONS

Divison	Model No
Wiring	Common 2 wires and individual 1 wire
Power	AC 110V/220V (60Hz)
Power consumption in standdoy	DC 24V (22mA)
Max power consumption	DC 24V (190mA) in one line
Communication Way	Two way communication system
Distance	600m/0.65mm
Station Number	Max 36 sub stations
Dimension	360(w) x 232(d) x 105(h)mm

9. WARRANTY SERVICE INSTRUCTIONS

If you experience a problem with your JNS-36 Nurse Call System, please refer to the "Operating Instructions" sections of this Owner's Manual to review the proper operation. Check the power source to insure adequate power available to operate the JNS-36 System.

If the JNS-36 still will not function, please return the unit (with proof of purchase) to the place of purchase.

FOR YOUR RECORDS

Purchase Date:

Purchased From:

Serial Number:

KEEP THIS INFORMATION
IN A SAFE PLACE.



Memo