



# ENGINEERED ELECTRONICS, INC.

## DUAL AUDIO / VISUAL PATIENT STATION WITH PILLOW JACKS 900-552

### FEATURES

- \* LED INDICATORS PER BED
- \* AUTOMATIC CALL WHEN PILLOW SPEAKER IS REMOVED
- \* LED INDICATOR WHEN PATIENT IS BEING MONITORED
- \* QUALITY SPEAKER-MICROPHONE
- \* STANDARD THREE GANG MOUNT WITH NO SUBASSEMBLIES



### GENERAL DESCRIPTION

The EEI model 900-552 provides a means for patient to signal a nurse when assistance is required. The nurse has the option of talking to the patient through two way intercom operation, or going to the patient room to clear the call.

### ENGINEERS' SPECIFICATIONS

- (1) The equipment described shall be and assembled entirely in the United States of America.
- (2) The station shall be solid state transistor circuitry mounted on a three gang face plate, requiring 4 6/32 screws for mounting.
- (3) The station shall have two red call assurance LED's which will operate independent of each other.
- (4) There shall be a single reset switch for clearing routine calls on the station.
- (5) Two 8 pin modular jacks shall be provided to accommodate Pillow Speakers.
- (6) Removal of a Pillow Speaker either intentionally or accident shall place a normal call that cannot be reset until the cord is secured in the station.
- (7) Connectors shall be provided with color coded wires for prewiring and quick install and removal of device.
- (8) Each station shall have a 2.75 inch round 45 ohm 1.25 watt speaker with a frequency response from 300 Hz - 10 khz.
- (9) There shall be a green LED on each station will illuminate when a room is connected to the master indicating that activity in the room can be heard at the nurses station.
- (10) There shall be three pin changeable jumper on each station PCB for selecting if a routine call can be canceled from the Nurse Master Station, or requiring an attendant to go to the room to cancel the call.
- (11) The station shall have circuitry to accommodate one emergency level without canceling any routine call placed on patient station.
- (12) The station shall have capability of receiving All Call Announcements. (OPTIONAL)
- (13) The location of the station shall be as indicated on ether prints \_\_\_\_\_ inches above the finished floor.
- (14) The station shall conform to Underwriters' Laboratory, Inc. listed (U.L. 1069).



# ASSOCIATED EQUIPMENT

## Included

- 4 - 100-195 1-1/4 inch 6/32 countersunk  
phillips head machine screws.
- 1 - 500-191 Connector 12 pin
- 1 - 500-186 Connector 3 pin
- 2 - 500-187 Connector 6 pin

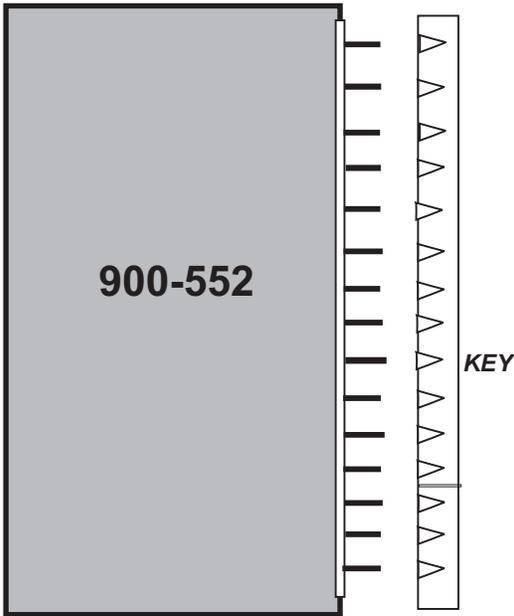
## Not Included

- 900-580 Pillow Speaker
- 900-581 Pillow Speaker
- 900-582 Pillow Speaker
- 900-583 Call Cord

# OPTIONS

Call Reset from Master and station or station only.

# WIRING DIAGRAM



RED ————— +24 VDC

ORANGE ————— POINT 1

BLUE ————— ROOM COMMON

BLACK ————— GROUND

BR/WH ————— AUDIO

BR/WH ————— AUDIO

BROWN ————— ALL CALL

## NOTE:

1. Wires on connector that are not used must be removed or capped.
2. Refer to typical Pillow Speaker connections for type Pillow Speaker used.

## ELECTRICAL

VOLTS - 24 VDC  
AMPS (STANDBY) - 3 MA  
AMPS (MAX) - 64 MA

# USEABLE BACK BOXES FOR NEW CONSTRUCTION

Steel City # 3G-1/2 & 3/4 with 3GC Plaster Ring.  
Steel City # H3BD-3/4 & 1 with 3GC Plaster Ring.  
Steel City # GW-325-C or GW-335-C.

## \* NOTE\*

Gangable Switch Boxes are not Acceptable,  
use 100-833 Surface Box if installed.