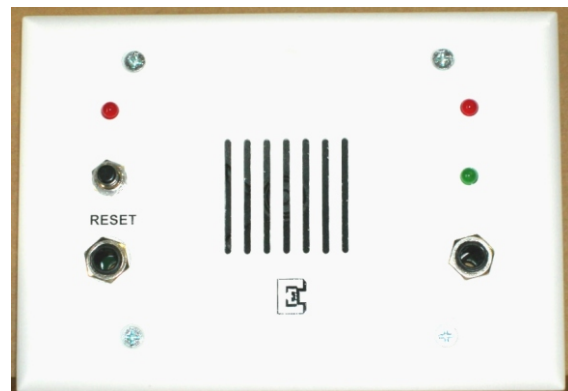


# ENGINEERED ELECTRONICS, INC.

## DUAL AUDIO / VISUAL PATIENT STATION 900-545

### FEATURES

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



### GENERAL DESCRIPTION

The EEI model 900-545 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

- |   |   |
|---|---|
| <p>(1) The equipment described shall be manufactured and assembled entirely in the United States of America.</p> <p>(2) The station shall be solid state transistor circuitry mounted on a three gang face plate, requiring 4 6/32 screws for mounting.</p> <p>(3) The station shall have two red call assurance LED's which will operate independent of each other.</p> <p>(4) There shall be a single reset switch for clearing routine calls on the station.</p> <p>(5) Two 1/4" phone jacks shall be provided to accommodate any type of normally open call cord device.(900-555 one phone jack, one switch)</p> <p>(6) Removal of a call cord either intentionally or accident shall place a normal call that cannot be reset until the cord is secured in the station.</p> <p>(7) A connector shall be provided with color coded wires for prewiring and quick install and removal of device.</p> | <p>(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.</p> <p>(9) There shall be a green LED on each station that will illuminate when a room is connected to the master indicating that activity in the room can be heard at the nurses station.</p> <p>(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.</p> <p>(11) There shall be a jumper on PCB for selecting either one or two Point outputs.</p> <p>(12) The station shall have capability of receiving All Call Announcements. (OPTIONAL)</p> <p>(13) The location of the station shall be as indicated on ether prints_____inches above the finished floor.</p> <p>(14) The station shall conform to Underwriters' Laboratory, Inc. listed (U.L. 1069).</p> |
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## ASSOCIATED EQUIPMENT

### Included

- 2 - 100-023 Dummy Plug
- 4 - 100-195 1-1/4 inch 6/32 countersunk  
phillips head machine screws.
- 1 - 500-193 Connector 12 pin
- 1 - 500-186 Connector 3 pin

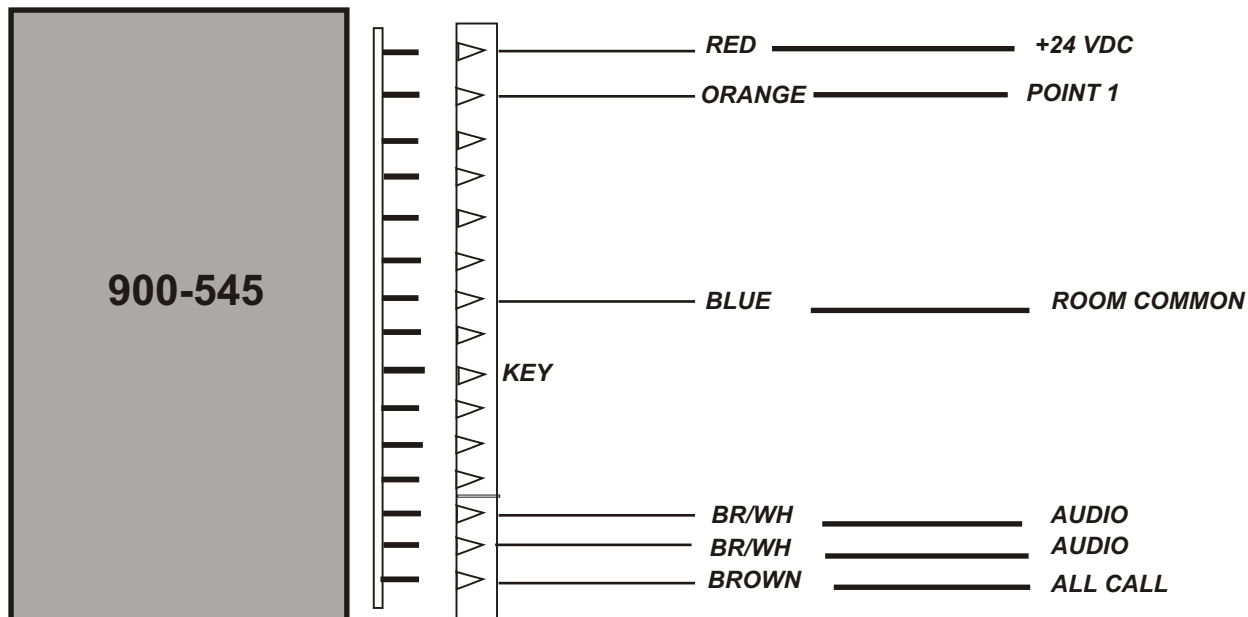
### Not Included

- 900-800 Oxygen Call Cord 10 ft.
- 900-800-C Oxygen Call Cord 10 ft
- 900-801 Call Cord 6 ft.
- 900-802 Call Cord 10 ft.
- 900-804 Geriatric Presscall Cord 10 ft
- 900-804-C Geriatric Presscall Cord 10 ft
- 900-804-Pad-C Geriatric Pad Call Cord 10 ft
- 900-806 Breath Call Cord 9 ft.
- 900-807 Call Cord 7 ft
- 900-817 Dual Call Cord 10 ft
- 900-819 Call Cord 10 ft W/ Locking Push Button
- 500-188 Pigtail Connector(For Dual outputs)

## MODELS

- 900-545 - AV Patient Station with Two Phone Jacks.
- 900-555 - AV Patient/ Staff Station with one Phone Jack and one call switch.

## WIRING DIAGRAM



### NOTE:

*Wires on connector that are not used must be removed or capped.*

## OPTIONS

Call Reset from Master and station or station only.  
One or Two Point Outputs.

## 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.