

# **DS 2000**

## **AUDIO/VISUAL MASTER**

### **INSTALLATION INSTRUCTIONS**

1. Remove unit from shipping box. Save shipping box and foam supports to return if warranty repair is required.
2. Tilt cabinet back and let rest on top edge.
3. Remove (2) screws from bottom edge of Master frame.
4. Lift up on frame until frame clears bottom brackets. Push toward top of cabinet until frame clears top bracket. Master can now be removed from case.
5. Stand case back to normal position and bring supplied cables through back opening. Supplied cables consist of two (2) 25' long interconnect cables, which have connectors on each end. One cable is labeled "A" on each end, and the other is labeled "B" on each end.

#### **\*\*\*\*\*WARNING\*\*\*\*\***

**Be sure system power is in the off position before making any connections. Failure to follow this proper procedure will result in equipment damage and malfunction, and will void any factory warranty.**

6. Connect cable that is labeled "A" to "A" position on terminal board in 900-203 Control Panel and to "A" position in Master. Do same with "B" cable. Be sure cables are matched "A" to "A", and "B" to "B" and are completely seated; cables will lock in place when seated.
7. If DS2000 (900-500 only) is to be used as a Visual Annunciator only, insert H4, H7, and H8 jumper headers into the 2 and 3 positions. If DS2000 is to be used as an Audio/Visual Master insert H4, H7 and H8 jumper headers into the 1 and 2 positions. The H7 jumper controls operation of lamp/switch positions 61 through 70, and the H8 jumper controls operation of lamp/switch positions 71 through 80 and can be set for visual only operation even when H4 Jumper is set for audio/visual operation. The H4, H7, and H8 jumper headers are located on back of printed circuit board.
8. Install Master in case by reversing step 4. Be sure cables lie straight across cabinet to keep undo stress off P.C.B.
9. Turn system power on. Green power LED should be illuminated.
10. Activate "call placed" green LED lamp test by simultaneously depressing bottom two buttons on each switch bank. Activating lamp test while a normal call from a patient room is displayed will cancel patient call.

11. Activate “call placed” red LED lamp test by simultaneously depressing top two buttons on each switch bank. Activating lamp test while a normal call from a patient room is displayed will cancel patient call.
12. Initiate call from Patient Station.
  - (a) Red LED should illuminate
  - (b) Should have slow intermittent tone.
13. Answer call from Patient Station. **(Audio/Visual Set-up Only)**
  - (a) Press illuminated red button.
  - (b) Button color will change to green signifying call connected.
  - (c) Talk to patient by using handset with built in push to talk- release to listen switch or through panel speaker by depressing hands free button on Master and using push to talk button on Master.
14. Initiate call from Emergency Station.
  - (a) Red LED will flash at rate corresponding to priority level connected in control panel. Intermittent flash rates are as follows: emergency/low – slow, emergency/mid – fast, emergency/high – rapid.
  - (b) Emergency LED on Master will be flashing at same rate.
15. Call from Emergency Station cannot be canceled or silenced at Master.
16. Intercom operation during emergency call from room:
  - (a) Depress flashing red room selector button.
  - (b) Room button will turn green signifying intercom connected.
  - (c) Emergency LED and tone signal will continue to operate.
  - (d) Depressing room selector button again will automatically put button back to red flash mode.
17. Calls from Emergency Station can only be canceled at initiating station.
18. All call announcements are made by continuously depressing the “All Call” button while depressing the “Push To Talk” button on the handset and talking into transmitter. The All Call feature should be used for short announcements only, NOT AS A PA SYSTEM.
19. If two (2) DS2000 Masters are to be connected for parallel audio/visual operation, complete step 7, plus put H6 jumper header in the 1 and 2 positions.

### **OWNER’S RESPONSIBILITY**

**IT IS RECOMMENDED THAT A COMPLETE SYSTEM CHECKOUT OF ALL DEVICES BE PERFORMED ON A REGULAR BASIS OF AT LEAST ONCE A MONTH FOR THE LIFE OF SYSTEM.**

