

Chime Module

MODEL: IA-29

For use with Models IM-2003, IM-3003, IM-3103, IM-3204, IM-3303, IM-4006, IM-4406, IM-5000, IM-5006, IMA-4006 and SR-9000 Series Radio Intercom Systems, Selective Call Intercom and Stereo Receiver Systems.

MOUNTING CHIME MODULE – IM-3204 OR SR-9000

Refer to Figure 1.

1. Be sure power is removed from master before installing chime module.
2. Align the chime module with the plastic molded mounting bracket located in the master unit. Apply firm, even pressure to each side of the chime module. The chime module will snap into place. Fasten module to panel with one screw (supplied with chime module).
3. Locate the chime selector switch mounting bracket in the master station's panel.
4. Remove and set aside the chime selector switch retaining screw.
5. Remove and discard the square foam pads on the chime selector switch PC board connected to the chime module.
6. Slide the PC board into the mounting bracket on the master station's panel.
7. Fasten the chime selector switch PC board with the retaining screw previously removed from the master station panel.
8. Insert 4 pin plug from chime module into the mating jack on the master board so red stripe on the 4 wire cable is closest to top of master unit (be sure plug is aligned correctly with the master station jack).

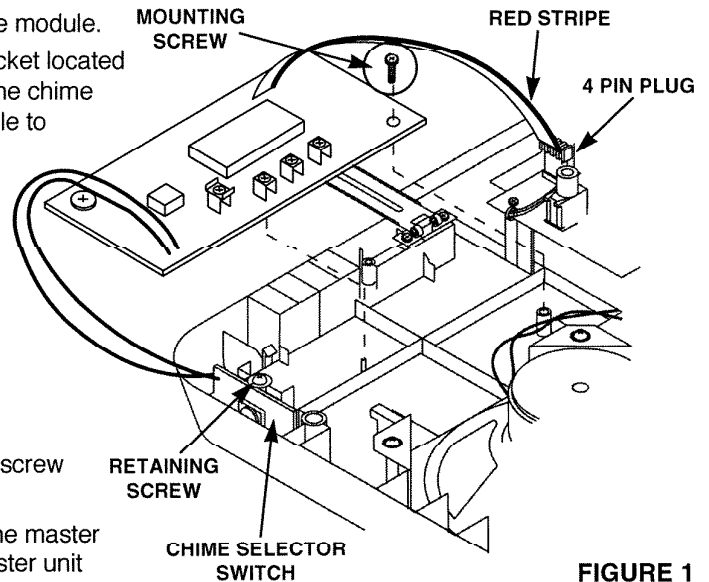


FIGURE 1

MOUNTING CHIME MODULE – IM-3303

Refer to Figure 2.

1. Be sure power is removed from master before installing chime module.
2. Align the chime module with the plastic molded mounting bracket located in the master unit. Apply firm, even pressure to each side of the chime module. The chime module will snap into place. Fasten module to panel with one screw (supplied with chime module).
3. Locate the chime selector switch retaining screws.
4. Remove and set aside the chime selector switch retaining screws.
5. Remove and discard the square foam pads on the chime selector switch PC board connected to the chime module.
6. Position the PC board onto the posts and reinstall the retaining screws.
7. Route the selector switch wires as illustrated to prevent the wires from interfering with the front panel mounting bracket.
8. Insert 4 pin plug from chime module into the mating jack on the master board so red stripe on the 4 wire cable is closest to top of master unit (be sure the plug is aligned correctly with the master station jack).

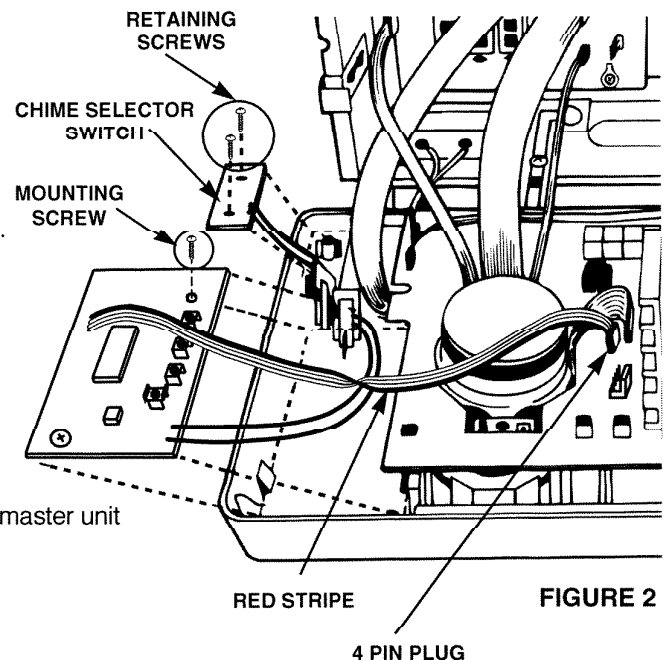


FIGURE 2

MOUNTING CHIME MODULE – IM-4406

Refer to Figure 3.

1. Be sure power is removed from master before installing chime module.
2. Align the chime module with the plastic molded mounting bracket located in the master unit. Apply firm, even pressure to each side of the chime module. The chime module will snap into place.
3. Locate the chime selector switch mounting bracket in the master station's panel.
4. Remove and set aside the chime selector switch retaining screw.
5. Remove and discard the square foam pads on the chime selector switch PC board connected to the chime module.
6. Slide the PC board into the mounting bracket on the master station's panel.
7. Fasten the chime selector switch PC board with the retaining screw previously removed from the master station panel.
8. Insert 4 pin plug from chime module into the mating jack on the master. When properly installed, the ribbon cable will point away from the master station's circuit boards, as illustrated (be sure the plug is aligned correctly with the master stations jack).

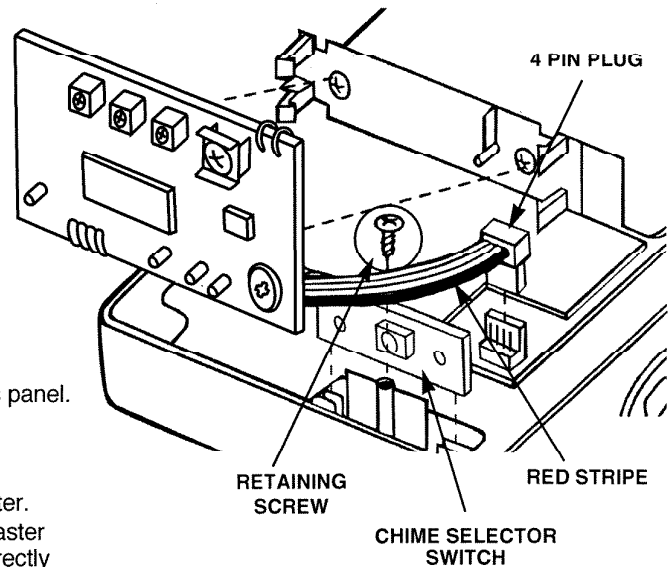


FIGURE 3

MOUNTING CHIME MODULE – IM-5000

Refer to Figure 4.

1. Be sure power is removed from master before installing chime module.
2. Align the chime module with the left plastic molded mounting bracket then lower the right side of the module until it snaps into place. Fasten module to base with one screw (supplied with chime module).
3. Locate the chime selector switch mounting bracket on the base of the master station's panel.
4. Remove and set aside the chime selector switch retaining screw.
5. Remove and discard the square foam pads on the chime selector switch PC board connected to the chime module.
6. Slide the PC board into the mounting bracket on the master station's panel.
7. Fasten the chime selector switch PC board with the retaining screw previously removed from the master station panel.
8. Insert 4 pin plug from chime module into the mating jack on the master marked "CHIME MODULE". Position the cabled side of the connector closest to the heat sink when plugged into the 4 pin jack. The red stripe on the ribbon cable is positioned towards the bottom of the unit (be sure the plug is aligned correctly with the master station jack).

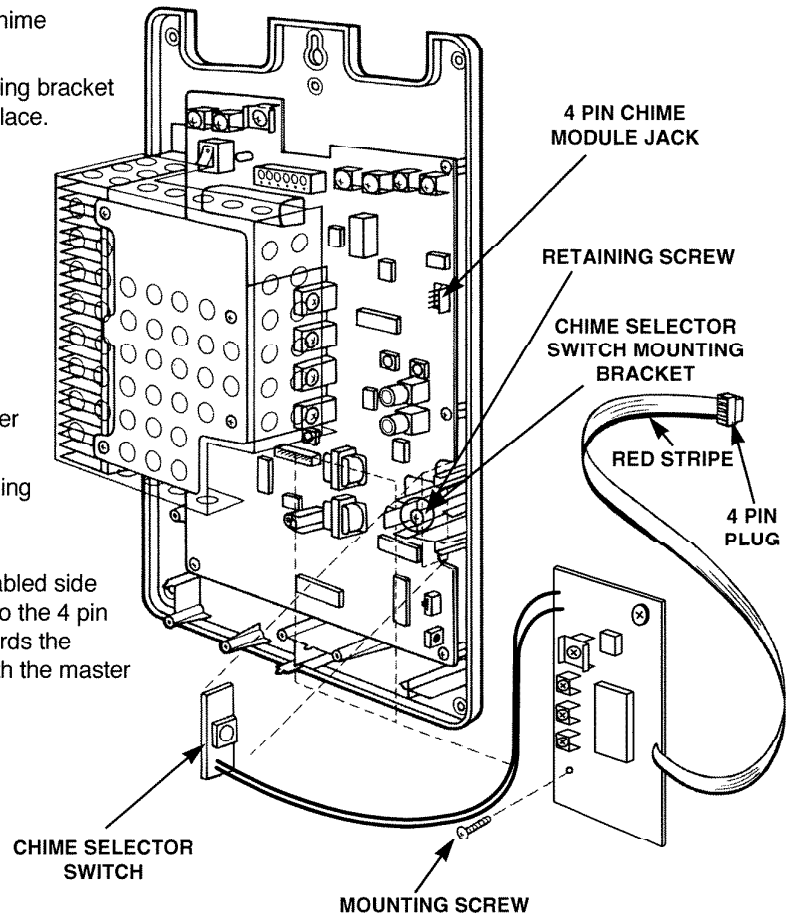


FIGURE 4

WIRING CONNECTIONS & VOLUME ADJUSTMENT

1. Refer to Figure 5. Connect pushbutton wires to screw terminals on the Chime Module as follows:

- One front pushbutton wire to the screw terminal marked FRONT
- One rear pushbutton wire to the screw terminal marked REAR
- One side pushbutton wire to the screw terminal marked SIDE
- Connect all common pushbutton wires to large screw terminal marked PB COMMON.

2. Pushbuttons may be connected as desired. The terminal marked FRONT plays your choice of 12 chime options; the terminal marked REAR plays a 1-note chime; the terminal marked SIDE plays a 2-note chime.

3. Reapply power.

4. Adjust volume control on chime module clockwise to increase chime volume.

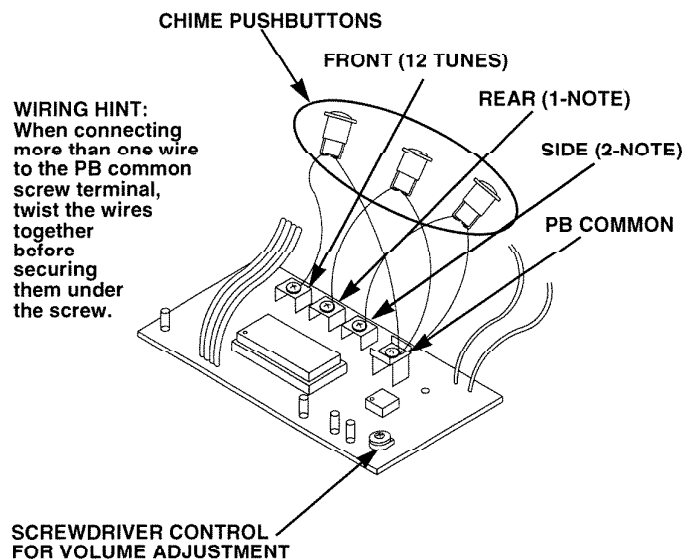


FIGURE 5

SELECTING CHIME TUNE

1. The IA-29 has 12 optional tunes. The 8-note Westminster Chime is option No. 1 and will automatically be selected whenever power has temporarily been lost to the master station.
2. To advance one tune at a time, press and release the pushbutton on the side or bottom of the front panel (on the IM-3303, IM-4006 or IMA-4006 the button is located behind the lower left pull down door).
3. To advance more than one tune at a time, keep the pushbutton depressed. The module will chime only the first note of each successive tune. Release the pushbutton as soon as you hear the first note of the tune immediately BEFORE your selection.
4. After tune No. 12 the module will return to tune No. 1 (8-note Westminster).

TUNE LIST

1. Westminster Chimes (8 notes)
2. Westminster Chimes (4 notes)
3. Anniversary Waltz
4. Beethoven's Fifth
5. Dixie
6. Greensleeves
7. Happy Birthday
8. Jingle Bells
9. Joy to the World
10. Mazel Tov
11. Oh Tannebaum
12. Star Spangled Banner

DO NOT DISCARD THESE INSTRUCTIONS. KEEP THIS INSTRUCTION SHEET AND TUNE LIST WITH THE OPERATING INSTRUCTIONS FOR THE RADIO-INTERCOM SYSTEM.

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Date of Installation

Builder or Installer

Model No. and Product Description

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