



CA-825 MASTER INTERCOM SYSTEM

INSTALLATION AND OPERATING INSTRUCTIONS

NOTICE

All information, documentation, and specifications contained in this manual are subject to change without prior notice by the manufacturer.

The Mircom CA-825 residential intercom provides voice communication at every station. A monitoring capability permits listening-in to any location. Room stations may be turned off for full privacy. A built-in electronic chime permits door call to be heard in every room. The door station allows hands-free communication. An auxiliary audio input allows connection to CD, TAPE or PHONO PLAYERS.

1. CA-825 Wiring

fuse box to terminal G of the CA-825 Master Station. Observe local electrical codes when installing the transformer.

4. Phone/Auxiliary Input - run two wires (#22 gauge shielded) from the music source to the Master station. If the music source has a low impedance output, a #22 gauge twisted pair cable may be used.

IMPORTANT:

Mircom cannot guarantee the proper operation of its CA-825 intercom functions if anything but two twisted pair wires (Mircom # 4WJ) are used. Non twisted pair wire may cause excessive squealing and feedback.

Please note, the auxiliary audio jack at the front of the panel is to be used only with a CD/Walkman type of unit. Plugging a CD for example into the Aux. Audio Input jack, you can play CDs through the intercom system. Use two headed audio plugs to couple audio signal from these devices to the Master. **NOTE:** Whenever the Aux Audio jack input is being used, the J4 audio input will temporarily be disconnected. The J4 audio input will reconnect automatically when the Aux. Audio Input is removed.

OPERATING INSTRUCTIONS FOR CA-825 INTERCOM

Before powering up, ensure that all lines are free of shorts. If phone/auxiliary inputs are used, connect the music input wires to J4 connector. You will probably need to cut the J4 connector off and wire the music source using wire marettes. Terminal C is the common terminal. Fasten the master station support hinge to the housing as shown in the diagram below.

CA-825 SYSTEM WIRING

11. Distorted Sound at all Stations:

- Check: (a) AUX. INPUT level is too high
(b) Too many Remote Stations connected and turned on at the same time

12. Hum or Buzz:

- Check: (a) Station wiring is installed too close to power wiring or electrical devices

If these check points fail to indicate the problem, there may be an equipment fault. Check with your dealer or with a qualified service company for Assistance.

AUXILIARY AUDIO INPUT OPERATION

To activate the Aux. Audio Input feature, push ON/OFF button and green LED will illuminate when ON. Tone Volume Control operates only when Aux. Audio Input feature is ON.

REMOTE STATIONS

Adjust volume as desired. The volume should be turned fully on when using the intercom, but may be set to a low level for music listening.

The musical source, (radio/CD through Aux. Audio Input) will be automatically silenced whenever the intercom is being used. Therefore if the radio/CD does not function, look for a remote station that may have its MONITOR button depressed. The automatic door reply will return after approximately 10 seconds.

PRIVACY

If the VOLUME control on a remote station or the STATION VOLUME control on the Master is turned off, that station will not hear intercom calls or radio/CD programs.