

achieve good tuning techniques. Remember, all AM stations end in "0" and all FM stations end in odd numbers so when you approach a station and turn for maximum clear sound, the last number should either be an "0" for Am or 1, 3, 5, 7, 9 for FM. You may want to refer to your local news media for a listing of these station frequencies. To switch from FM to AM, place the AM/FM/PHONO switch in the "AM" position and use the same procedure to scan the AM band.

RADIO/TAPE: This switch is normally in the RADIO position for AM, FM and PHONO operation. The tape position is used for TAPE play when the unit is connected to an external tape deck.

ROOM SPEAKER SWITCHES: There are eight (8) room speaker switches provided on the Master Unit. Four (4) additional speakers (maximum of 12) can be used with the system by connecting 2 speakers to a room switch on the master unit.

TO MONITOR: Place the speaker switch (es) in the MONITOR position. This allows you to hear at the Master Unit what is taking place in the Monitored room.

All rooms that have been placed in the RADIO-INT position will also receive the monitored room(s).

A. A "MONITORED" room speaker will receive calls from the Master Unit or other room speakers.

B. A room with the speaker in the "OFF" position on the Master Unit WILL NOT receive Radio or Intercom functions.

C. A speaker in the RADIO-INT position (normal) will receive both radio and intercom functions.

INTERCOM PROGRAM: The Intercom is operational 24 hours a day. It is always on, even when the radio is off.

A. Loudness (volume) adjustments are a matter of adjustment by the user. Too much volume can cause feedback. If a howling noise is heard when using the intercom, reduce the intercom volume setting.

B. For best intercom functions, the room speaker volume control should be in the near "FULL ON" position. If the volume setting of a speaker is low or off, the sensitivity of the speaker as a microphone will be substantially reduced or off.

TO TALK FROM THE MASTER UNIT TO THE ROOM SPEAKERS:

Place any quantity of speaker switches in the "RADIO-INT" or MONITOR position.

Press the LISTEN/TALK switch of the Master Unit to "TALK". Hold in the TALK position while speaking. The radio program will be muted and your voice communication will be heard at all stations in the RADIO-INT or MONITOR positions unless the room speaker station volume control is turned off.

A. Release the switch from the talk position to receive a reply from any of the room speakers.

B. Or release the talk switch and re-position any room speaker from the RADIO-INT position to the MONITOR position, to receive a reply without the room speaker having to operate any of the controls. This technique is very useful to communicate with a person who is sick or unable to operate the controls of a room speaker.

ROOM TO ROOM COMMUNICATION: All room stations in the RADIO-INT position can communicate with one another by pressing the LISTEN/TALK switch to TALK, then release to listen.

DOOR ANSWERING: Never open the door to a stranger. From the Master Unit, with one finger, press and HOLD the door switch in the "ON" position. With another finger, press the LISTEN/TALK switch to the TALK position and talk, release the switch to listen. The visitor at the door has nothing to do but talk.

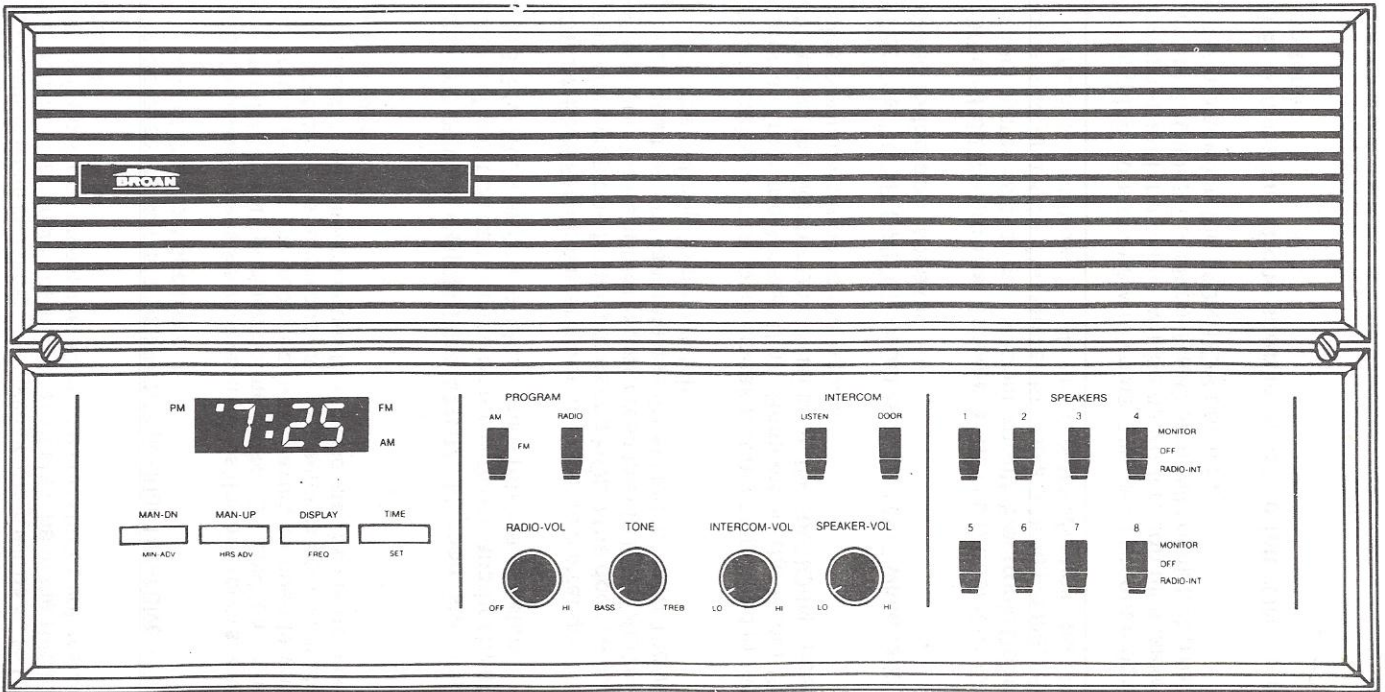
Door answering from a room speaker is accomplished in the same manner as from the Master Unit. Remember, the Room Selector Switches on the Master Unit must be in the RADIO-INT position to receive communication to the rooms.

NOTE: The DOOR SWITCH must be held "ON" while talking and listening to the door speaker.

DOOR CHIMES (Optional Equipment): The Model K1300 Radio-Intercom system is designed to operate with Electronic Door Chime Models KC3 and KC8. The Model KC3 is a 3 Note Chime, while the Model KC8 is a multiple 1, 2, 4, and 8 Note Westminster Chime.

Activating the door chime will "mute" the radio program during the chime cycle and the chime will be heard through all speakers that are in the RADIO-INT position. The Chime will not disturb a room that has been placed in the MONITOR position.

NOTE: A minimum of one speaker must be left "ON" to receive chime tones.



PRELIMINARY OPERATIONS: Before selecting radio function, set the following switches and controls as indicated:

AM/FM/PHONO: Set to "FM" position
 RADIO/TAPE: Set to "RADIO" position
 MONITOR/OFF/RADIO-INT: Set to "RADIO-INT" position

-  **TONE CONTROL:** Turn control indicator to center (12 o'clock) position.
-  **RADIO VOLUME:** Turn control indicator to OFF position.
-  **INTERCOM LEVEL:** Turn control indicator to approximately the 12 o'clock position.
-  **SPEAKER VOLUME:** Turn control indicator to **maximum** clockwise position.

STATION INFORMATION AND TUNING TECHNIQUES: The range of the AM broadcast band is from 540 to 1600 KHz (Kilohertz) and all AM stations end with an "0" (540, 820, 1080, etc.). The range of the FM band is from 88.1 to 107.9 MHz (Megahertz) and all FM stations end with an odd number, .1, .3, .5, .7, .9 (92.5, 100.3, 102.9, etc.). The Model K1300 has a tuning range beyond the standard AM and FM bands previously specified. This unit will tune from 530 to 1620 KHz in the AM band and from 87.9 to 107.9 MHz in the FM band.

NOTE: The microprocessor is programmed to display "TIME" except when Radio Tuning is actually in process. To display the frequency at any time the radio is on, press the [FREQ] switch and station frequency will be displayed for approximately ten (10) seconds then the display will automatically change back to time.

Your system is now set to activate the Radio functions. Now set the RADIO VOLUME control to the 9 o'clock position. The unit should display a frequency in the FM band and the FM indicator should be lit.

MANUAL SCAN: CAUTION! CAUTION! CAUTION! Before any tuning can take place, the display must show FREQUENCY. If the unit is displaying time, press the [FREQ] button momentarily and then press either the manual scan [UP] or [DOWN] to the desired station. Holding the button results in a rapid scan while a momentary press will result in a single step. Some practice will be required to

ONE YEAR LIMITED WARRANTY

Broan Mfg. Co., Inc. warrants that electronic components of its radio intercom products (excluding lights, tape decks, and turntables) will be free from defects in materials and workmanship for a period of one year from the date of original installation. If any product is found to be defective, in the opinion of Broan, under normal use and service during the warranty period, Broan will, at its option, either repair the product or replace the product with a factory serviced or new unit without charge. Removal and installation of the repaired or replaced product will be performed by the installation company from whom the product was purchased. Broan's obligation to repair or replace, at its option, shall be the purchaser's sole and exclusive remedy under this warranty.

Broan warrants that the tape decks it sells with its radio intercom systems will be free from defects in materials and workmanship for a period of six months from the date of original installation. If any tape deck is found to be defective, in the opinion of Broan, under normal use and service during the warranty period, Broan will repair the tape deck without charge. Broan's obligation to repair shall be the purchaser's sole and exclusive remedy under this warranty.

Turntables are not warranted by Broan, but may be covered by warranty provided by the manufacturer. Please refer to the owner's manual for the turntable information regarding any such warranty and the procedure for making a warranty claim.

The above warranties do not cover normal maintenance and do not apply to products which have been in commercial use or subject to neglect, acts of God, accident, improper maintenance or repair by others than Broan, faulty installation or installation contrary to recommended installation instruction or which have been used in violation of the instructions furnished by Broan as to the use and operation of the radio intercom.

There are no other express warranties. Broan hereby disclaims any and all implied warranties, including but not limited to those of merchantability and fitness for a particular purpose to the extent permitted by law. The duration of any implied warranty which cannot be disclaimed is limited to the period specified in the express warranty applicable to the product. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you. Broan shall not be liable for incidental, consequential or special damages arising out of or in connection with product use or performance except as otherwise may be accorded by law. Some states do not allow the exclusion of incidental or consequential damages so the above exclusion or limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. This warranty supersedes all prior warranties.

For service, notify Broan Mfg. Co., Inc., Hartford, Wisconsin 53027 (Telephone: 414-673-4340) or, in California, notify Broan Mfg. Co., Inc., La Mirada, California 90638 (Telephone: 213-926-0595), giving the model number, part identification and nature of any defect in the product or part. At the time of requesting warranty service, evidence of the original purchase date must be presented.

BROAN MFG. CO., INC.
926 West State Street
Hartford, WI 53027

SPECIAL EXTENDED WARRANTY

FOR AN ADDITIONAL TWO (2) YEARS Broan Mfg. Co., Inc. exclusively warrants and will factory service or replace within five (5) working days after receipt at Broan Mfg. Co., Inc., Hartford, WI 53027; transportation prepaid, any defective product for a flat charge of \$35.00 payable in advance per occurrence to cover the cost of labor, materials, packaging, and prepaid return transportation. No allowance will be made for the removal and installation of any product under the terms of this extended warranty.

OPERATING INSTRUCTIONS ELECTRONIC RADIO — INTERCOM SYSTEM MODEL K1300



BROAN MFG. CO., INC.

HARTFORD, WISCONSIN 53027

Please Read: Helpful Hints

Welcome to the world of the microprocessor. The Model K1300 Radio-Intercom system is an "Electronic Tuned" Digital Display Radio with features never before available in Built-in Home Entertainment Centers.

Operating your new electronic radio will take a little practice. We encourage you to familiarize yourself with the controls and features of the system prior to operation. Keep these operating instructions handy for a convenient reference.

It is the responsibility of the user to read and operate this Electronic Radio and Intercom System as outlined in the instructions book. Our local Distributor is not allowed to make calls at your home to demonstrate or explain the operating features of this product as a condition of the product warranty. A charge can be made for services of this type.

Using an excessive high RADIO volume setting at the master unit is a poor technique that will place the amplifier and Room Speakers in distortion. The best quality of sound is a combination of a moderate Radio volume setting at the Master Unit, and a near maximum loudness setting at the room speakers.