

Melody Musical Chime

MODEL: LB-55HO

INSTALLATION HINTS

- A NuTone Decorative Door Chime is not only a pleasant sounding chime, but also a decorative wall accent. Keep this in mind when mounting the chime. Locate the chime on a wall at eye level where it can be clearly heard and also where it can be seen and admired.
- **IMPORTANT:** If the door chime is connected to a NuTone Radio-Intercom System, chime tones will be heard at all inside and patio speaker locations. The Door Chime must be wired in accordance with the Chime-To-Intercom information that is included in this literature.
- Use the NuTone Radio-Intercom system is not used, a door speaker may be installed at the outside of the front door so chime tones will be heard at that location.
- Use the NuTone transformer that has been supplied with the door chime.

LOCATION

- Select a central location so the door chime will be heard throughout the house.
- Select pushbutton locations. This door chime can accommodate up to three (3) door operations.

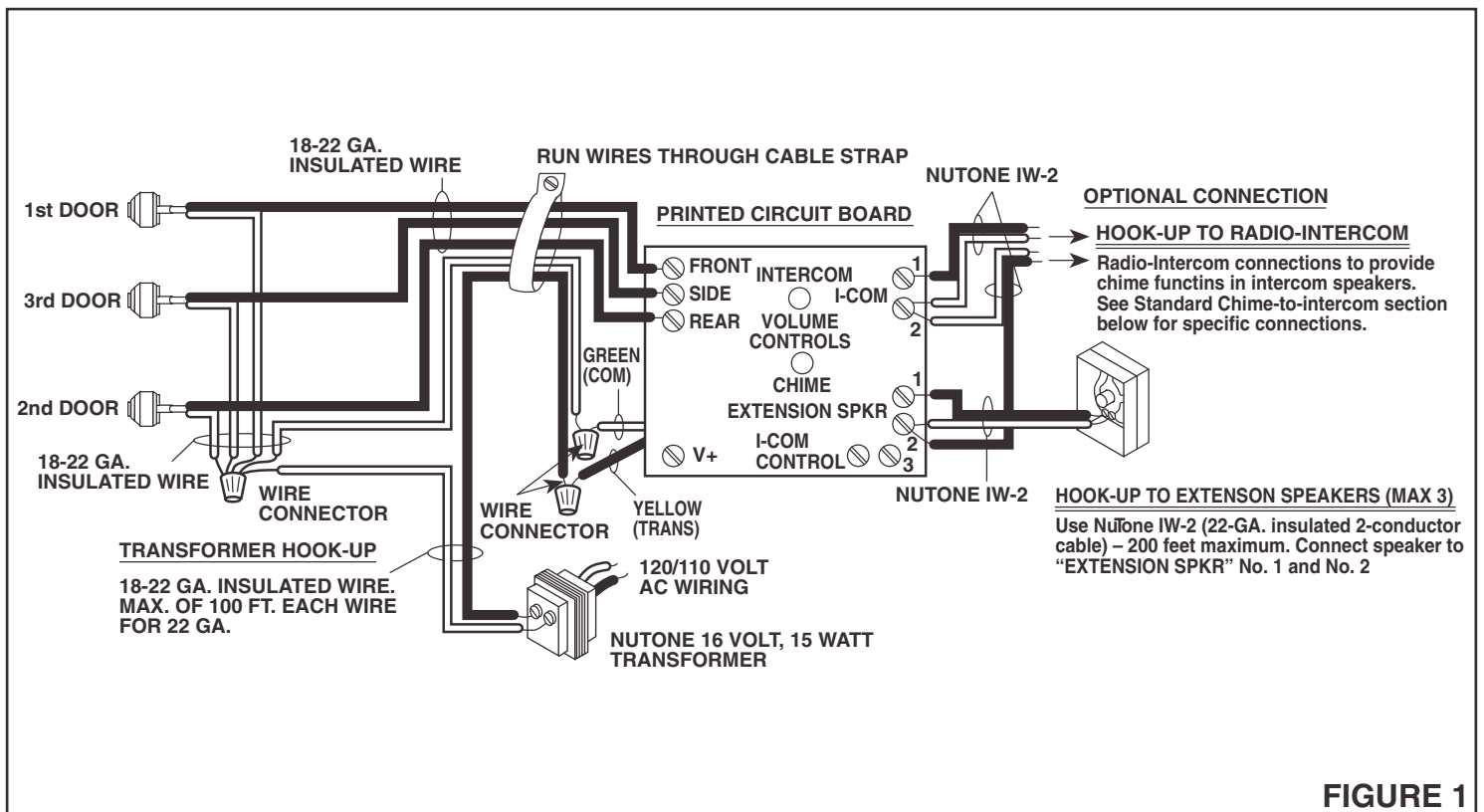


FIGURE 1

WIRING

IMPORTANT: Be certain all wiring complies with local and state codes.

Disconnect the house power when installing the transformer. Keep electricity off until all wire connections have been made.

When securing the wiring to wall studs or ceiling joists, avoid possible shorts that may occur if staples or clips penetrate the protective wiring insulation.

1. Mount the supplied transformer to any junction or panel box. Connect black wires from the transformer to the house supply wires. Use approved wire connectors to make all connections.
2. **Refer to Figure 1.** Run 18-2 gauge wire from the transformer and pushbutton(s) to the chime location. Feed the wires through the cable strap that is attached to the door chime.
3. If applicable, run NuTone IW-2 cable (No. 22 twisted pair) from the intercom master station to the chime location.
4. If applicable, run NuTone IW-2 cable (No. 22 twisted pair) from remote speaker(s) to door chime location.

MOUNTING CHIME AND BASEPLATE

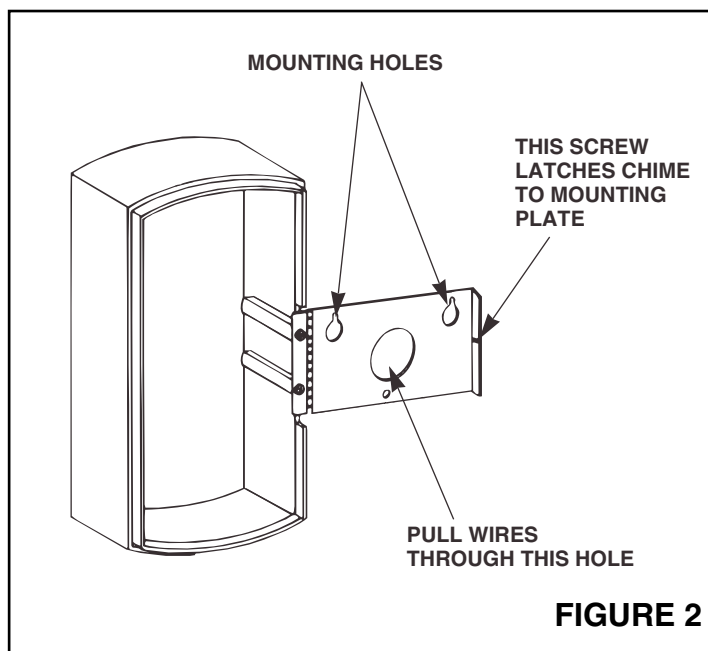
1. **Refer to Figure 2.** Position chime baseplate (attached to chime) in its mounting holes. Use the baseplate as a template.
2. Cut out wiring hole and pull wires through hole in baseplate.
3. Secure baseplate to wall with appropriate hardware.
4. Latch chime to baseplate with screw provided.

MAKING CONNECTIONS

1. **Refer to Figure 1.** Make wire connections to terminals shown as applicable.
2. Upon completion of installation, if the chime does not operate, recheck your installation with the preceding instructions and wiring diagram shown in figure 1. If the chime still does not operate, check the pushbutton(s) for poor contact or loose connections.

STANDARD CHIME-TO-INTERCOM CONNECTIONS

Inside/Patio Speakers will receive chime functions; chime will override radio and intercom.



INTERCOM MASTER	CHIME-TO-INTERCOM CONNECTION
IMA-516	"I-COM 1 & 2" terminals to "CHIME" terminals
IM-2003, IM-3003, IM-4004, IM-3103	"I-COM 1" terminals to "WHITE" "EXT. SPKR. 2" terminals to "BLACK"
IM-3303	WHITE lead of IW-2 to "EXT. SPKR 2" on the chime. GRAY lead of IW-2 cable to "I-COM" on the chime. WHITE lead of IW-2 cable from the chime to (-) "ELECTRONIC CHIME" terminal of IM-3303 Master. GRAY lead of IW-2 cable from the chime to (+) "ELECTRONIC CHIME" terminal of IM-3303 Master.
IM-4406	WHITE lead of IW-2 cable to "EXT. SPKR. 2" on the chime. GRAY lead of IW-2 cable to "I-COM" on the chime. WHITE lead of IW-2 cable from the chime to (-) "ELECTRONIC CHIME" terminal (located next to "line Output Jack" terminal) on the back of IM-4406 Master. GRAY lead of IW-2 cable from the chime to (+) "ELECTRONIC CHIME" terminal (located next to "tape Input Jack Terminal") on back of IM-4406 Master.
IM-5000	WHITE lead of IW-2 cable to "EXT. SPKR. 2" on the chime. GRAY lead of IW-2 cable of IW-2 cable to "I-COM" on the chime. WHITE lead of IW-2 cable from the chime to (-) "ELECTRONIC CHIME" terminal (located next to "Door Speaker" terminal) to IM-5000 Master. GRAY lead of IW-2 cable from the chime to (+) "ELECTRONIC CHIME" terminal (located next to circuit board mounting screw) of IM-5000 Master.

CHIME OPERATION

To operate the Musical Chime, see figure 3 and proceed as follows:

TO SELECT A TUNE

- A. If chime is off, press CHIME ON.
- B. Press PROGRAM.
- C. Press number of desired tune.
- D. Press TUNE TEST to make sure that chime is correctly programmed for the tune desired.
- E. If you have made a mistake, press PROGRAM and repeat the above steps.
- F. Press CHIME OFF to turn off the chime.

OPERATION

The pushbutton located at the front door will sound the programmed tune; the pushbutton at the rear door will sound two (2) notes and the pushbutton at the side door will sound one (1) note.

The Musical Chime is programmed by the last two digits that are pressed.

Example: If you wish to play tune "21" and accidentally pressed "211", tune "11" would be played. If a number is programmed for which there is no tune (example: "29") Westminster Chimes will automatically be selected.

If there is an electrical power failure, the chime will play Westminster Chimes when the electrical power is restored. The chime must be reprogrammed if a different tune is desired.

In the event of improper chime operation, momentarily disconnect the chime from the power source. When power is restored, normal operation will resume.

VOLUME ADJUSTMENT

Refer to Figure 1.

NOTE: If the chime is being used with a Radio-Intercom System, be certain the system is on when adjusting the volume of the door chime.

The chime should be heard clearly throughout the home and/or intercom system. If necessary, use a screwdriver to adjust the appropriate volume control as illustrated in figure 1.

TUNE LIST

1. Alouette
2. Anniversary Waltz
3. Auld Lang Syne
4. Battle Hymn of the Republic
5. Beethoven's Fifth
6. Bless This House
7. Dixie
8. For He's a Jolly Good Fellow
9. Greensleeves
10. Happy Birthday
11. Home on the Range
12. I've Been Working on the Railroad
13. Jingle Bells
14. Joy to the World
15. Mazel Tov
16. My Wild Irish Rose
17. 'O Sole Mio!
18. Oh Tannebaum
19. Rule Britannia
20. Star Spangled Banner
21. Stars and Stripes Forever
22. Take Me Out to the Ball Game
23. The Marseillaise
24. Westminster Chimes (8 notes)
25. Westminster Chimes (4 notes)
26. Yankee Doodle

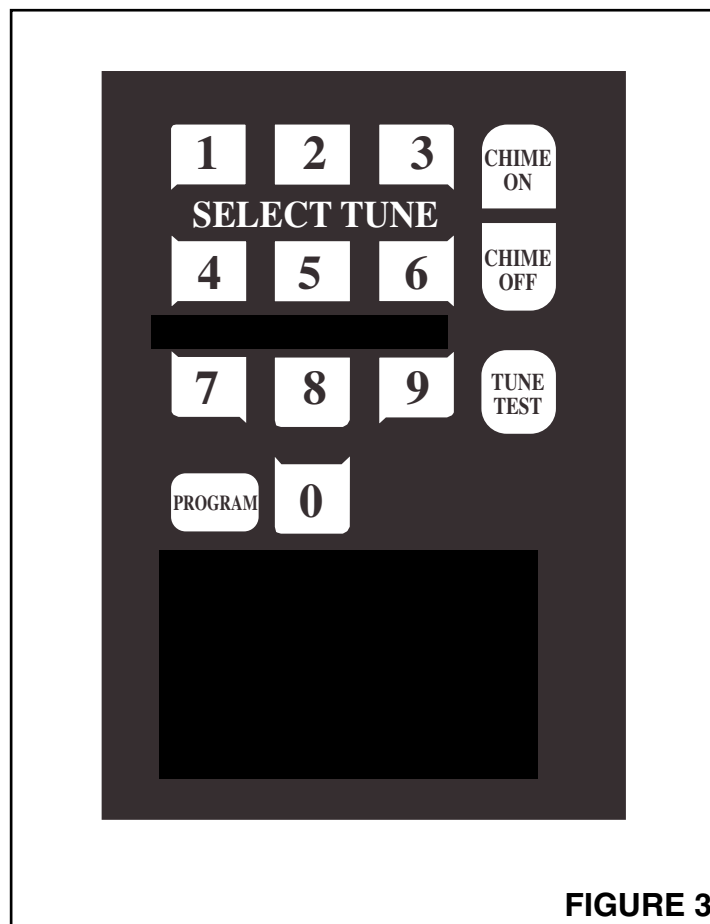


FIGURE 3

NuTone®

One Year Limited Warranty

WARRANTY OWNER: NuTone warrants to the original consumer purchaser of its products that such products will be free from defects in materials or workmanship for a period of one (1) year from the date of original purchase. **THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

During this one year period, NuTone will, at its option, repair or replace, without charge, any product or part which is found to be defective under normal use and service. **THIS WARRANTY DOES NOT EXTEND TO FLUORESCENT LAMP STARTERS OR TUBES, FILTERS, DUCT, ROOF CAPS, WALL CAPS AND OTHER ACCESSORIES FOR DUCTING.** This warranty does not cover (a) normal maintenance and service or (b) any products or parts which have been subject to misuse, negligence, accident, improper maintenance or repair (other than by NuTone), faulty installation or installation contrary to recommended installation instructions.

The duration of any implied warranty is limited to the one year period as specified for the express warranty. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you.

NUTONE'S OBLIGATION TO REPAIR OR REPLACE, AT NUTONE'S OPTION, SHALL BE THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY UNDER THIS WARRANTY. NUTONE SHALL NOT BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH PRODUCT USE OR PERFORMANCE. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion 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.

WARRANTY SERVICE: To qualify for warranty service, you must (a) notify NuTone at the address stated below or telephone 1/800-543-8687, (b) give the model number and part identification and (c) describe the nature of any defect in the product or part. At the time of requesting warranty service, you must present evidence of the original purchase date.

Date of Installation

Builder or Installer

Model No. and Product Description

IF YOU NEED ASSISTANCE OR SERVICE:

For the location of your nearest NuTone Independent Authorized Service Center:

Residents of the contiguous United States Dial Free 1-800-543-8687

Please be prepared to provide:

Product model number • Date and Proof of purchase • The nature of the difficulty

Residents of Alaska or Hawaii should write to: NuTone Inc. Attn: Department of National Field Service, 4820 Red Bank Road, Cincinnati Ohio 45227-1599.

Residents of Canada should write to: Broan-NuTone Canada, 1140 Tristar Drive, Mississauga, Ontario, Canada L5T 1H9.

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