

**MAGNAVOX**

# CD BOOMBOX

with AM/FM Radio and  
Bluetooth® Wireless Technology

**OWNER'S MANUAL**

PLEASE READ BEFORE OPERATING THIS EQUIPMENT.

**MODEL: MD6920**

Size: 148.5(W) x 210(H)mm (A5)

# IMPORTANT SAFETY INSTRUCTION

	<b>CAUTION</b> RISK OF ELECTRIC SHOCK DO NOT OPEN	
<b>CAUTION:</b> TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		



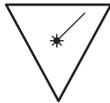
### DANGEROUS VOLTAGE:

The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



### ATTENTION:

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



### DANGER

Invisible and hazardous laser radiation when open and inter-lock failed or defeated. Avoid direct exposure to beam.

<b>WARNING:</b> TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE. TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.
--

**LASER SAFETY :** This unit employs a laser. Only qualified service personnel should attempt to service this device due to possible eye injury.

**CAUTION :** USE OF CONTROLS, ADJUSTMENTS OR PERFORMANCE PROCEDURE HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

### INFORMATION:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## IMPORTANT SAFETY INSTRUCTION

**Before using the unit, be sure to read all operating instructions carefully. Please note that these are general precautions and may not pertain to your unit. For example, this unit may not have the capability to be connected to an outdoor antenna.**

- 1) **Read these instructions.**  
All the safety and operating instructions should be read before the product is operated.
- 2) **Keep these instructions.**  
The safety and operating instructions should be retained for future reference.
- 3) **Heed all warnings.**  
All warnings on the product and in the operating instructions should be adhered to.
- 4) **Follow all instructions.**  
All operating and use instructions should be followed.
- 5) **Do not use this apparatus near water.**  
Do not use this product near water and moisture, for example: near a bathtub, washbowl, kitchen sink or laundry tub; in a wet basement; or near a swimming pool.
- 6) **Clean only with dry cloth.**  
Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a dry cloth for cleaning.
- 7) **Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.**  
Slots and openings in the cabinet and in the back or bottom are provided for ventilation, to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should never be placed near or over a radiator or heat source. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
- 8) **Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.**
- 9) **Do not defeat the safety purpose of the polarized or grounding-type plug.**  
A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) **Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.**
- 11) **Only use attachments/accessories specified by the manufacturer.**
- 12) **Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.**  
An appliance and cart combination should be moved with care. Quick stops, excessive force and uneven surfaces may cause the appliance and cart combination to overturn.



## IMPORTANT SAFETY INSTRUCTION

- 13) **Unplug this apparatus during lightning storms or when unused for long periods of time.**

To protect your product from a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.

- 14) **Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture does not operate normally, or has been dropped.**

- 15) **Power source**

This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company. For products intended to operate from battery power, or other source, refer to the operation instructions.

- 16) **Power lines**

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

- 17) **Overloading**

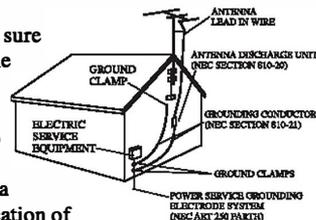
Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

- 18) **Object and liquid entry**

Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short out parts that could result in fire or electric shock. Never spill or spray any type of liquid on the product.

- 19) **Outdoor antenna grounding**

If an outside antenna is connected to the product, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges. Section 810 of the National Electric Code ANSI/NFPA 70 provides information with respect to proper to grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge product, size of grounding conductors, location of antenna-discharge product, connection to grounding electrodes and requirements for the grounding electrodes.



- 20) **Service**

Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

## IMPORTANT SAFETY INSTRUCTION

### 21) Replacement parts

When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer or those that have the same characteristics as the original parts. Unauthorized substitutions may result in fire or electric shock or other hazards.

### 22) Safety check

Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operation condition.

### 23) Wall or ceiling mounting

The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

### 24) Damage requiring service

Unplug this product from the wall outlet and refer service to qualified service personnel under the following conditions.

- a) When the power-supply cord or plug is damaged.
- b) If liquid has been spilled or objects have fallen into the product.
- c) If the product has been exposed to rain or water.
- d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions, as an adjustment of other controls may result in damage and will require extensive work by a qualified technician to restore the product to its normal operation.
- e) If the product has been dropped or the cabinet has been damaged.
- f) When the product exhibits a distinct change in performance-this indicates a need for service.

### 25) Note to CATV system installer

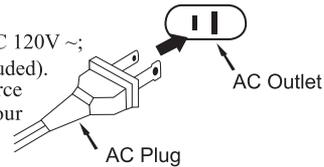
This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

**NOTE: Refer all servicing to qualified service personnel. Servicing is required when the unit has been damaged in any way such as the following: the power-supply cord or plug has been damaged, liquid has been spilled into the unit, the unit has been exposed to rain or moisture, the unit has been dropped or the unit does not operate normally.**

# PREPARATION FOR USE

## **POWER SOURCES**

This portable audio system is designed to operate on either AC 120V ~; 60Hz house current or by six (6)"C" size batteries (not included). Attempting to operate this unit from any other power source may cause damage to the unit, which is not covered by your warranty.



## **AC OPERATION**

Unwind the AC cord and extend it to its full length. Insert the small end of the AC cord into the AC socket on the rear of the unit. Insert the other end of the AC cord into any convenient AC 120V ~; 60Hz household outlet.

Please note that this unit is equipped with a polarized AC plug which has one blade wider than the other. This is a safety feature to reduce the likelihood of electric shock. This polarized AC plug will only fit in a polarized AC outlet. If you find that you cannot insert this plug into your outlet, you may have an obsolete non-polarized outlet. Please do not try to defeat this safety feature by using a non-polarized adapter or by filling the wider blade to make it fit into your outlet. If this plug does not fit into your outlet, you should contact a qualified licensed electrician to replace your obsolete outlet.

### **NOTE:**

- ~ When AC Cord is connected to the unit, the batteries power will be cut off automatically.
- ~ If long period of time will not use the unit. Unplug the AC Cord from wall outlet.

## **BATTERY INSTALLATION**

To use this unit with battery power, remove the battery door by pressing in on the tabs, then lifting it off. Insert six (6)"C"size batteries (not included) following the diagram in the compartment.

**NOTE:** The AC power cord must be disconnected from the AC socket on the rear of the unit in order for the unit to operate on battery power.

## **BATTERY PRECAUTIONS**

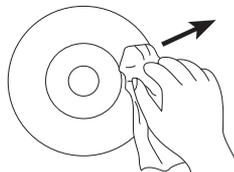
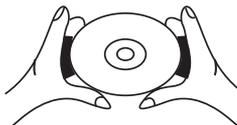
Follow these precautions when using a battery in this device:

1. Use only the size and type of battery specified.
2. Be sure to follow the correct polarity when installing the battery as indicated in the battery compartment. A reversed battery may cause damage to the device.
3. Do not mix different types of batteries together (e.g. Alkaline and Carbon-zinc) or old batteries with fresh ones.
4. If the device is not to be used for a long period of time, remove the battery to prevent damage or injury from possible battery leakage.
5. Do not try to recharge the battery not intended to be recharged; it can overheat and rupture. (Follow battery manufacturer's directions.)
6. Do not dispose of batteries in fire. Battery may explodes or leak.
7. Clean the battery contacts and also those of the device prior to battery installation.

# CARE AND MAINTENANCE

## Caring for Compact Discs

- Treat the disc carefully. Handle the disc only by its edges. Never allow your fingers to come in contact with the shiny, unprinted side of the compact disc.
- Do not attach adhesive tape, stickers, etc. to the compact disc label.
- Clean the compact disc periodically with a soft, lint-free, dry cloth. Never use detergents or abrasive cleaners to clean the compact disc. If necessary, use a CD cleaning kit.
- If a compact disc skips or gets stuck on a section of the compact disc, it is probably dirty or damaged (scratched).
- When cleaning the compact disc, wipe in straight lines from the centre of the compact disc to the outer edge of the compact disc. Never wipe in circular motions.



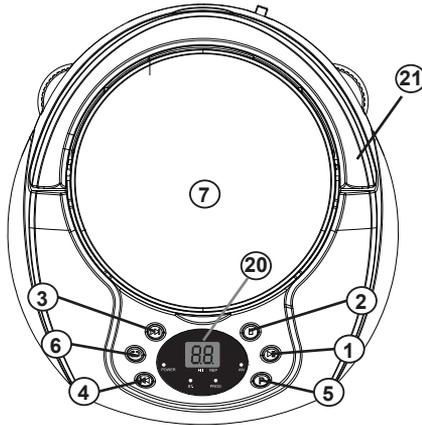
- This unit is designed to play only compact discs bearing the identification logo as shown here. Other discs may not conform to the CD standard and may not play properly.
- Compact Discs should be stored in their cases after each use to avoid damage.
- Do not expose compact discs to direct sunlight, high humidity, high temperatures or dust, etc. Prolonged exposure or extreme temperatures can warp the disc.
- Do not stick or write anything on either side of the disc. Sharp writing instruments, or the ink, may damage the surface.



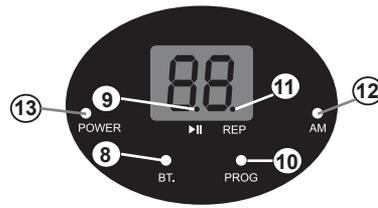
## Cleaning the Unit

- To prevent fire or shock hazard, disconnect your unit from the AC power source when cleaning.
- The finish on your unit may be cleaned with a dust cloth and cared for as other furniture. Use caution when cleaning and wiping the plastic parts.
- Mild soap and a damp cloth may be used on the front panel.

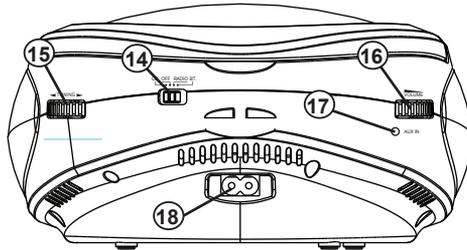
# LOCATION OF CONTROLS



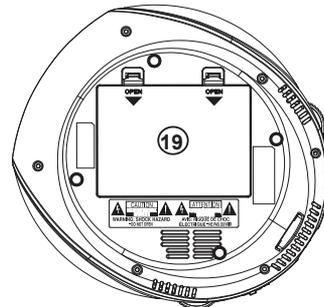
**FRONT / TOP**



**DISPLAY**



**REAR**



**BOTTOM**

1. <b>▶  </b> (Play/Pause) button	12. AM (Radio AM Band) indicator
2. <b>■</b> - AM/FM (CD Stop – Radio AM/FM Band Selection) button	13. POWER indicator
3. <b>▶▶</b> (CD Skip/Fast Search Forward) button	14. CD – OFF (Power Off) – Radio – BT. (Blue Tooth) Function Selector
4. <b>◀◀</b> (CD Skip/Fast Search Backward) button	15. TUNING knob
5. <b>P</b> (Program) button	16. VOLUME knob
6. <b>↺</b> (CD Repeat Playback) button	17. LINE IN jack
7. CD Door	18. AC socket
8. BT. (Blue Tooth) indicator	19. Battery Door
9. <b>▶  </b> (Play/Pause) indicator	20. LCD Display
10. PROG (CD Program) indicator	21. Carry Handle
11. REP (CD Repeat) indicator	

# OPERATION

## BT (Bluetooth):

1. Slide the Function Selector to "BT." position to power on the unit and enter to BT (Bluetooth) mode. The "POWER" & "BT." indicator will illuminate and the "BT." indicator will blink.
2. Power on the external BT Device and enter to bluetooth search mode. Select unit once it appears on your available bluetooth devices, follow the on-screen instructions on your external BT device to complete pairing. Once paired, the "BT." Indicator will stop blinking. (For details pairing procedures, please refer to the user's manual of your BT Device.).

## Notes:

- When the external BT player searches for the unit, model number "MD6920" will appear on the display of external BT device.
- Pairing code "0000" or "1234" may need to be entered.

## Normal operation after pairing:

1. Turn on the BT function of the external BT Device.
2. Power on the unit and enter to BT mode as previous procedures.
3. Wait a few seconds until the unit paired to the external BT Device automatically. (The "BT." Indicator stops blinking).
4. Plays music with the paired BT Device as usual.
5. Turn the "VOLUME" knob to adjust the volume level as desired.
6. When no longer in use, slide the Function Selector to "OFF" position to shut off the unit.

Note: Using the control buttons on the paired BT Device to pause; skip or search for audio files as usual.

## Radio:

1. Slide the Function Selector to "RADIO" position to power on the unit and enter to radio FM mode. The "POWER" indicator will illuminate.
2. Turn the "VOLUME" knob to adjust the volume level as desired.
3. Turn the "TUNING" knob to search and play the desired FM station. or,
  - Press the ■ - AM/FM button to enter to radio AM mode, the "AM" indicator will illuminate. (To resume to FM band, press the button again. The "AM" indicator will not light).
  - Turn the "TUNING" knob to search and play the desired AM station.
4. When no longer in use, slide the Function Selector to "OFF" position to shut off the unit.

## Antennas:

This unit has a built in AM/FM antennas, which provides adequate reception in most areas. If reception is weak, turn or relocate the unit to improve the reception.

## CD:

1. Open the CD door then place a CD disc on the center spindle, with the printed label side up.
2. Close the CD Door.
3. Slide the Function Selector to "CD" position to power on the unit and enter to CD mode. The "POWER" indicator will illuminate.

4. Wait a few seconds until the total number of tracks appears on the LCD Display.
5. Press the ►II button to start playback, the “►II” indicator will illuminate.
6. Turn the “VOLUME” knob to adjust the volume level as desired.
7. During playback:
  - A. Press the ►II button to pause (the “►II” indicator will blink); press again to resume normal playback (the “►II” indicator will stop blinking).
  - B. Press the ◀◀ or ▶▶ buttons repeatedly to skip tracks backward or forward.
  - C. Press and hold the ◀◀ or ▶▶ buttons to fast searching the specific section backward or forward then release it to resume normal playback.
8. To stop CD playback, press the ■ button. The total number of tracks will appear on the display.
9. When no longer in use, slide the Function Selector to “OFF” position to shut off the unit.

### Repeat Playback:

1. During playback, press the “↺” button once to activate the repeat one function. The “REP” indicator will illuminate and blink. The current track will playback repeatedly.
2. During playback, press the “↺” button twice to activate the repeat all function. The “REP” indicator will illuminate and stop blinking. All the tracks on the current disc (or program) will be playback repeatedly.
3. To cancel the repeat function, press the “↺” button repeatedly until the “REP” indicator not light.

### Programmed Playback:

Up to 20 tracks can be programmed and played back as follows:

1. In CD STOP playback mode, press the P button, “01” will appear on the LCD Display and blink. (“PROG” indicator will also illuminate and blink too).
2. Select the first specific track to be programmed by pressing the ◀◀ or ▶▶ buttons repeatedly.
3. Press the P button again to store the selected track into the memory.
4. Repeat steps 2 and 3 until all the specific tracks stored into the memory.
5. Press the ►II button to start program playback. The “PROG” indicator will stop blinking.
6. To stop, press the ■ button.
7. To cancel the program, press the ■ button again in stop mode. The “PROG” indicator will turn off.

### LINE IN:

1. Connect the external Audio Device with a 3.5mm AUX cable . (Cable not included).
2. Insert one end to the Phone; Line Out or AUX Out Jack on the external Audio Device.
3. Insert the other end to the LINE IN jack on the rear of unit.
4. Slide the Function Selector to “CD”; “RADIO” or “BT.” position to power on the unit. The “POWER” indicator will illuminate.
5. Play the music on the connected external audio device as usual.
6. Turn the “VOLUME” knob to adjust the volume level as desired.
7. When no longer in use, slide the Function Selector to “OFF” position to shut off the unit.

### Note:

If the audio connection cable was insert into the LINE IN jack, only the sound from the connected external Audio Player can be plays. Unplug it from the LINE IN jack before plays Radio; CD or BT..

# TROUBLESHOOTING

Symptom	Possible Cause	Solution
Noise or sound distorted on AM or FM radio	<ul style="list-style-type: none"> <li>- Station not tuned properly for AM or FM.</li> <li>- Unit is not positioned correctly</li> </ul>	<ul style="list-style-type: none"> <li>- Retune the AM or FM broadcast station.</li> <li>- Reposition the unit until the best reception is obtained.</li> </ul>
AM or FM no sound	<ul style="list-style-type: none"> <li>- Unit not in "RADIO" mode.</li> <li>- Volume set at minimum</li> <li>- Audio connection cable was inserted into the LINE IN jack</li> </ul>	<ul style="list-style-type: none"> <li>- Slide the Function Selector to "RADIO" position.</li> <li>- Unplug the connect cable from the LINE IN jack</li> </ul>
CD not play	<ul style="list-style-type: none"> <li>- Unit not in CD mode.</li> <li>- Audio connection cable was inserted into the LINE IN jack</li> <li>- CD is not loaded properly.</li> <li>- The disc may dirty or scratched.</li> </ul>	<ul style="list-style-type: none"> <li>- Slide Function Selector to CD position.</li> <li>- Load CD with label side face up</li> <li>- Try other disc.</li> </ul>
CD skips while playing	<ul style="list-style-type: none"> <li>- Disc is dirty or scratched</li> </ul>	<ul style="list-style-type: none"> <li>- Wipe CD with clean cloth or try another disc.</li> </ul>
Sound appears distorted at high volume setting	<ul style="list-style-type: none"> <li>- Volume level is set to maximum.</li> </ul>	<ul style="list-style-type: none"> <li>- Reduce the volume level.</li> </ul>

## General Specifications

Power Source:	AC 120V~, 60Hz; 12 W, or DC 9V, 6 x "C" Size Batteries (Not Included)
Radio Frequency:	AM: 535 – 1710 kHz FM: 87.5 – 108 MHz
Disc Compatible:	CD, CD-R, CD-RW
Blue Tooth Effective Range:	32 feet in open area
Audio Power:	1.2 W per channel (Total 2.4 W)
Impedance of Speakers:	2 x 8 ohm; 3 W

## Accessories

1 x	User's Manual
1 x	AC Cord

**SPECIFICATIONS AND ACCESSORIES ARE SUBJECT TO CHANGE WITHOUT NOTICE**

## LIMITED WARRANTY

Craig Electronics warrants this product to be free from manufacturing defects in material and workmanship under normal use for a period of 180 days from date of purchase. If service is required, please return the product to the store where it was purchased for exchange; or, pack the unit in the original packing material with all accessories if applicable, a copy of your sales receipt and a Cashier's check or Money Order for \$10 (to cover shipping and handling costs) payable to Craig Electronics Inc. For consumers in Canada, please make sure that the cashier check or money order is redeemable through a U.S. bank. Ship your product freight pre-paid. Your unit will be repaired, replaced or if the unit can not be repaired or replaced, a refund will be forwarded to you within four weeks of receipt of your unit. Please ship your unit to:

Craig Electronics Inc.  
1160 NW 163 Drive  
Miami, FL 33169

This warranty is void if the product has been: a) Used in a commercial application or rental. b) Damaged through misuse, negligence, or abuse. c) Modified or repaired by anyone other than an authorized Craig service center. d) Damaged because it is improperly connected to any other equipment.

Note: This warranty does not cover: a) Ordinary adjustments as outlined in the Owner's Manual which can be performed by the customer. b) Damage to equipment not properly connected to the product. c) Any cost incurred in shipping the product for repair. d) Damage to the product not used in the USA.

This warranty is not transferable and only applies to the original purchase. Any implied warranties, including the warranty of merchantability, are limited in duration to the period of this expressed warranty and no warranty whether expressed or implied shall apply to the product thereafter.

Under no circumstance shall Craig be liable for any loss or consequential damage arising out of the use of this product. This warranty gives specific legal rights. However, you may have other rights which may vary from state to state. Some states do not allow limitations on implied warranties or exclusion of consequential damage. Therefore, these restrictions may not apply to you.

This product has been manufactured by and is sold under the responsibility of Craig Electronics Inc, and Craig Electronics Inc is the warrantor in relation to this product. MAGNAVOX and SMART. VERY SMART are registered trademarks of Koninklijke Philips N.V. and are used under license from Koninklijke Philips N.V.

To Obtain Service on your Product  
email: [service@craigelectronics.com](mailto:service@craigelectronics.com)