



**CD/MP3 Boombox with Radio,
USB decoding , USB charging,
NFC AND Bluetooth**

Model : HX-312CD

(Bluetooth pair code: HX-312CD HANNLOMAX)





INSTRUCTION MANUAL


Note: Please read and follow these instructions before using your unit.

WARNING

TO PREVENT ELECTRIC SHOCK; DO NOT USE THIS PLUG WITH AN EXTENSION CORD RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADES EXPLOSURE.

TO PREVENT FIRE OR SHOCK HAZARD; DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

 <p>The lighting flash with arrowhead symbol, with an equilateral triangle is intended to alert the user to the presence of un-insulated dangerous voltage within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.</p>	<p>CAUTION</p> <p>RISK OF ELECTRIC SHOCK DO NOT OPEN</p> <p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>	 <p>The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instruction in the literature accompanying the appliance.</p>
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<p>LASER SAFETY</p> <p>This unit uses a laser. Only a qualified service person should remove the cover or attempt to service this device to avoid possible eye injury.</p> <p>Caution: USE OF CONTROLS OR ADJUSTMENT OF PERFORMANCE OF PROCEDURE OTHER THAN SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.</p>	<p>DANGER:</p>  <p>INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK FAILED OR DEFEATED. AVOID DIRECT EXPOSURE TO LASER BEAM.</p>
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- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- It shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Do not place the product in closed bookcases or racks without proper ventilation.
- CLASS 1 LASER PRODUCT.
- The batteries (Battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Excessive sound pressure from earphones and headphones can cause hearing loss.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

1. Read these instructions. Keep these instructions. Heed all warnings. Follow all instructions.
2. Do not use this apparatus near water.
3. Clean only with dry cloth.
4. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
5. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
6. 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 are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
7. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
8. Only use attachments/accessories specified by the manufacturer.
9. 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.
10. Unplug this apparatus during lightning storms or when unused for long periods of time.
11. 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.
12. Grounding or Polarization – This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
13. Alternate Warnings – This product is equipped with a three-wire ground-type plug, a plug having a third (grounding) pin. This plug will only into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.
14. Ventilation – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and 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 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.
15. The MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
16. □: CLASS II apparatus with double insulation, and no protective earth provided.
17. Caution Marking and rating plate was located at bottom enclosure of the apparatus.
18. To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
19. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.
20. The mains plug is used as disconnect device. The mains plug of apparatus should not be obstructed OR should be easily accessed during intended use. To be completely disconnect the power input, the mains plug or apparatus shall be disconnected from the mains.
21. Battery shall not be exposed to excessive heat such as sunshine, fire or the like.
22. Excessive sound pressure from earphones and headphone can cause hearing loss.



FCC NOTICE

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.

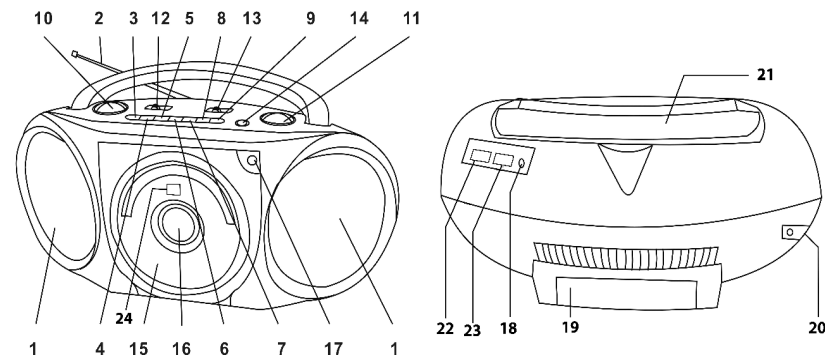
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one 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 needed.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions :

- (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

LOCATION OF CONTROLS



1	Speakers	13	BAND Switch
2	FM Antenna	14	BASS Button
3	FLODER DN Button	15	CD Compartment
4	FOLDER UP Button	16	LCD Button
5	MODE Button	17	CD Door Open Button
6	SKIP DOWN Button	18	AUX-IN Jack
7	SKIP UP Button	19	Battery Compartment
8	STOP/USB Button	20	AC Socket
9	PLAY/PAUSE Button	21	Handle
10	VOLUME Control	22	USB Slot (1A Charging)
11	TUNING Control	23	USB Slot (Decoding)
12	FUNCTION Switch	24	NFC Sensor

AC OPERATION

Before operation, please make sure that the VOLTAGE mentioned on the unit is same as the voltage of your local area. Unravel the AC power cord, insert one end into the AC socket on the set, and the other end into a standard AC outlet.

ATTENTION

1. Do not plug or unplug the power cable while you have wet hands.
2. When planning not to use this unit for a long time, disconnect the power cable from the wall outlet.
3. When disconnecting the power cord from the wall outlet, do not pull on the cord in order to avoid shock risks caused by damaged cable.

BATTERY OPERATION

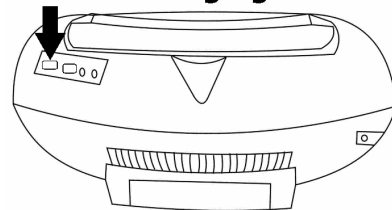
Disconnect the AC cord set completely. Open the battery compartment door and insert 8 pieces UM-2 "C" size batteries into the battery compartment with battery polarity as shown inside the battery compartment.

USB CHARGING (1 A)

Under AC operation, this product can provide 1A charging. You can charge most of the smartphones and tablets.

*****Please be reminded to connect your device to the correct USB slot.**

USB 1A Charging

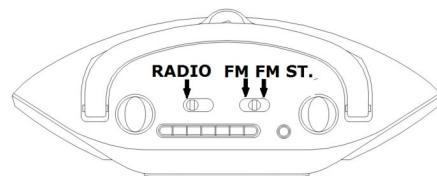


BASS EFFECT

Press **BASS** button for bass effect.

RADIO OPERATION

1. Set the **FUNCTION** switch to **RADIO** position.
2. Rotate the **TUNING** control to tune to your desired radio station.
3. Adjust the sound level by rotating the **VOLUME** control.
4. To turn off the radio, set the **FUNCTION** switch to **OFF** position.



FM Stereo/Mono Broadcast

For FM Mono Broadcast, set the **BAND** switch to **FM**.

For FM stereo broadcast, set the **BAND** switch to **FM ST.**, "ST." will be shown on the display.

Antenna

For best reception, fully extend the FM Antenna to receive FM stations.

MP3/AUX IN CONNECTION

1. Set the **FUNCTION** switch to **BT/AUX** position.
2. Insert one side of the audio cable (requires 3.5mm stereo plug, not supplied) into the line-out jack or phones jack on your MP3 player and the other side to the aux-in jack on the unit.
3. Turn on your MP3 player and follow the playback instruction.
4. Adjust the sound level by rotating the **VOLUME** control.
5. To stop this function, simply turned off your MP3 player.

CD/MP3/USB OPERATION

Playing Audio CDs

1. Set the **FUNCTION** switch to **CD/USB** position.
2. Press the **CD/USB** button to select **CD** mode, CD icon will appear on the display.
3. Press **CD Door Open** Button. Insert a CD disc in the CD compartment and close the CD door, the unit will start reading the disc and will play automatically.
4. During playing, press the **PLAY/PAUSE** button to temporarily pause playing. To resume, press the **PLAY/PAUSE** button again.
5. Adjust the sound level by rotating the **VOLUME** control.
6. To stop playing the CD, press the **STOP** button.

Playing MP3 Discs

1. Set the **FUNCTION** switch to **CD/USB** position.
2. Press the **CD/USB** button to select the CD mode, MP3 icon will appear on the LCD display.
3. Press **CD Door Open** Button. Insert a MP3 disc into the CD Compartment and close the door, the unit will start reading the disc and will play automatically.
4. If your MP3 disc has folders, you can use the **FOLDER DN / FOLDER UP** button to select the desired folder.
5. During playing, press the **PLAY/PAUSE** button to temporarily pause playing. To resume, press the **PLAY/PAUSE** button again.
6. Adjust the sound level by rotating the **VOLUME** control.
7. To stop playing the CD, press the **STOP** button.

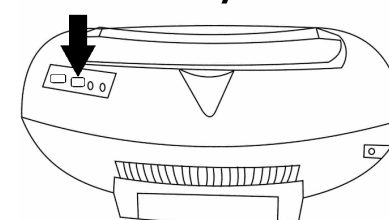
Playing MP3 files with USB device

1. Set the **FUNCTION** switch to **CD/USB** position.
2. Press and hold the **STOP/USB** button to select the **USB** mode, USB will appear on the LCD display.
3. Plug your USB device into the USB port on the unit, the unit will start reading the files in the USB device and play automatically.

****Please be reminded to connect your USB device to the correct USB slot.**

4. If your USB device has folders, you can use the **FOLDER DN / FOLDER UP** button to select the desired folder.
5. During playing, press the **PLAY/PAUSE** button to temporarily pause playing. To resume, press the **PLAY/PAUSE** button again.
6. Adjust the sound level by rotating the **VOLUME** control.
7. To stop playing the files in the USB, press the **STOP** button.

USB MP3 Playback



Different Play Mode

Press the **MODE** button to select different kinds of play mode with the following sequence.

For Audio CDs : Repeat 1 ➡ Repeat All ➡ Normal

For MP3 Files : Repeat 1 ➡ Repeat Folder ➡ Repeat All ➡ Normal

- Repeat 1 – repeat the track being played.
- Repeat All – repeat all the tracks in the storage media.
- Repeat Folder – repeat the tracks in the entire folder.
- Normal – play the tracks in sequence.

Skip Mode

1. During play or pause mode, press **SKIP UP** button to go to the next track.
2. During play or pause mode, press **SKIP DN** button to go back to the previous track.

Programming of the Track

The programming should be done during STOP mode

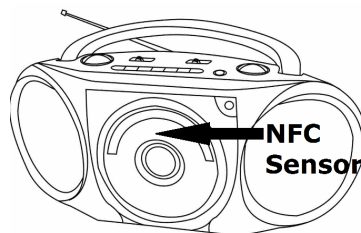
1. Press the **MODE** button, the LCD display will show **P01**.
2. Use the **SKIP UP** or **SKIP DN** button to select the desired track.
3. Press the **PROGRAM** button again to store the selected track in the memory, the LCD display will show **P02** and flash continuously.
4. Repeat step 2 to 3 to store more tracks in the memory. You can store up to **20** tracks in the memory for CD disc and **99** tracks in the memory for MP3 files.
5. Press the **PLAY/PAUSE** button to start playing the disc in the programmed order.
6. To stop playing, press the **STOP/USB** button.
7. To cancel the programming list, press the **STOP/USB** button and set the **FUNCTION** switch to **OFF** position.

BLUETOOTH STREAMING

1. Set the **FUNCTION** switch to **BT/AUX** position. The LCD display will show “**bt**” and the bluetooth icon will flash.
2. Turn on your Bluetooth of your Bluetooth device and search the boombox for connection. Your Bluetooth device should find “**HX-312CD HANNLOMAX**”.
3. If the connection is successful, the bluetooth icon on the display will stop flashing.
4. Select and play the audio files through your Bluetooth device.
5. To stop this function, switch to other mode or shut down your Bluetooth of your Bluetooth device

BLUETOOTH STREAMING THROUGH NFC PAIRING

1. Set the **FUNCTION** switch to **BT/AUX** position. The LCD display will show “**bt**” and the bluetooth icon will flash.
2. Enable your **NFC** function of your Bluetooth device and place the device near the **NFC sensor** on the CD door for 5 to 10 seconds.
3. If the connection is successful, your Bluetooth device will show that it is connected and the bluetooth icon on the LCD display will stop flashing.
4. Select and play the audio files through your Bluetooth device.
5. To stop this function, switch to other mode or shut down your Bluetooth of your Bluetooth device



AUTO PAIRING

Once the unit paired with the Bluetooth device, it will automatically pair with that device next time when you turn on the unit and that Bluetooth device.

IMPORTANT NOTE (FOR EUROPEAN VERSION ONLY)

Automatic standby switching

To comply with the ERP2 directive, the unit automatically switches to standby after approximately **10 minutes** without a signal. To switch the unit on again, tap the function switch to off mode and then your desired function mode.

TROUBLE SHOOTING

Symptom	Possible Problem	Solution
Unit does not respond (no power)	AC power cord is not plugged properly into a wall outlet or the connector is not plugged into the AC Socket on the back of the System.	Re-plug the AC power cord into the wall outlet and the connector into AC Socket on the System.
	Wall outlet is not functioning.	Plug another device into the same outlet to confirm the outlet is working.
Radio no sound	Unit not in RADIO function mode. Volume set at minimum	Tap FUNCTION button to RADIO position. Increase Volume
Noise or sound distorted on FM broadcast	Station not tuned properly for FM. FM: Wire antenna is not fully extended.	Retune the FM broadcast station. FM: Fully extend or reposition the FM wire antenna.
CD disc does not play	Unit not in CD function mode. Audio disc is installed incorrectly. If the disc is self-compiled, the media used may not be compatible with the player.	Select CD mode. Insert audio disc with label side up. Use better quality blank media and retest.
Audio disc skips while playing	Disc is dirty or scratched.	Wipe disc with clean cloth or use another disc.
Intermittent sound from the player	Dirty or defective disc Dirty pick up lens Player is subject to excessive shock or vibration	Clean or replace the defective disc Use a lens cleaning disc to clean the lens Relocate the player away from shock or vibration
Unit gets warm after extended play at high volume	This is normal.	Turn the unit off a period of time or lower volume.
Unit Switch off automatically	The units goes to STANDBY mode after 10 minutes without any signal	Tap the function switch to off mode and then your desired function mode.

SPECIFICATIONS

Frequency Range:

FM 87.5 - 108 MHz

Power Supply:

AC 100-240V ~ 50/60Hz

DC 12V  (UM-2 x 8)

Specifications are subject to change without further notice.