

Instruction Manual



Portable CD/Cassette Player
with USB Recording/Playback

Model #: 5050ULTRA



Please read this manual completely before operating
this unit and retain for future reference.



Cautions and Warnings

- To prevent electric shock, match the wide prong of the plug to the wide slot and fully insert.
- Do not expose the unit to rain or moisture to reduce the risk of fire or electric shock.
- Do not perform any procedure other than those specified herein; it may result in hazardous, harmful exposure.
- Changes or modifications made to this unit not expressly approved by HamiltonBuhl® will void the unit warranty.
- Do not place the unit on any soft, porous, or sensitive surfaces. When in use, always position this unit on a sturdy, hard surface.
- Use of this unit near fluorescent lighting may cause interference with the remote. If the unit functions erratically, move the unit away from the fluorescent lighting.
- Make sure you are correctly inserting new batteries to avoid any hazard or damage to the unit. Always replace batteries of the same type.
- Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (Ni-Cad, Ni-Mh, etc.) batteries.
- Do not attempt to charge standard alkaline batteries in the unit. Use only rechargeable NiMH batteries.
- The remote control's button cell battery contains mercury. Do not put the battery in the trash; recycle or dispose of as hazardous waste. Lithium batteries, like all rechargeable batteries, should be recycled. Contact your local waste management service for proper disposal. Never incinerate lithium batteries, as they may explode.
- Shock hazard: Do not open the unit as it may produce harmful shock and will void the warranty.



Warning: To reduce the risk of electric shock, do not remove the cover or back of this unit.



The lightning flash with arrowhead symbol in an equilateral triangle is 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.



The exclamation point in an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions.



This product utilizes a Class 1 laser to read Compact Discs. This unit is equipped with safety switches to avoid exposure when the CD door is open and safety interlocks are off. Invisible laser radiation is present when the CD player's lid is open and the interlock has failed or is off. Important: Avoid direct exposure to the laser beam at all times. Do not attempt to defeat or bypass the safety switches.

Important Safety Instructions

Read these Instructions and retain for your records.

1. Heed all warnings and follow all instructions.
2. Do not use this unit near water.
3. Clean only with a dry cloth.
4. Do not block any ventilation openings. Utilize in accordance with the instructions.
5. Do not install near any heat source such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
6. Do not defeat the safety purpose of the polarized/grounding-type plug. A polarized plug has two prongs – one wider than the other. A grounding-type plug has two prongs plus a third grounding prong. The wide prong or the third prong are provided for your safety. When 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 unit.
8. Only use attachments/accessories that are specified by manufacturer.



9. Use only with a cart, stand, tripod, bracket, or table specified by/sold by the manufacturer. Use caution when moving with a cart to avoid tip-over or injury.

10. Unplug this unit during lightning storms or when unused for long periods of time.
11. Refer all servicing to qualified service personnel. Servicing is required if the unit has been damaged, 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.

FCC Warnings

NOTE: 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.

Additional Warnings

- Do not expose this unit to dripping or splashing liquids and do not place it on items filled with liquid, such as vases.
- Mains plug is used as disconnect device and should remain readily operable during intended use. In order to disconnect the unit from the mains completely, the mains plug should be disconnected from the mains socket outlet completely.
- Do not expose the battery to excessive heat such as hot sun, fire, heaters, etc.



This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user-accessible parts.

Connecting the Power

AC/DC Power Operation

Follow these steps to connect the power:

1. Firmly and securely insert the DC plug of the adaptor into the DC jack on the back of the unit.
2. Insert the AC adaptor plug into the 120V AC outlet. When the AC power cord is plugged in, the batteries are automatically disconnected (we recommend you remove batteries while using AC power).

Battery Operation

Unplug the DC jack at the back of the unit.

Open the battery cover and put the batteries inside the battery compartment, as indicated.

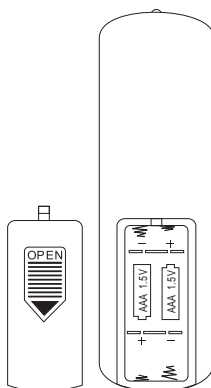
Battery Precautions

When using batteries in this device:

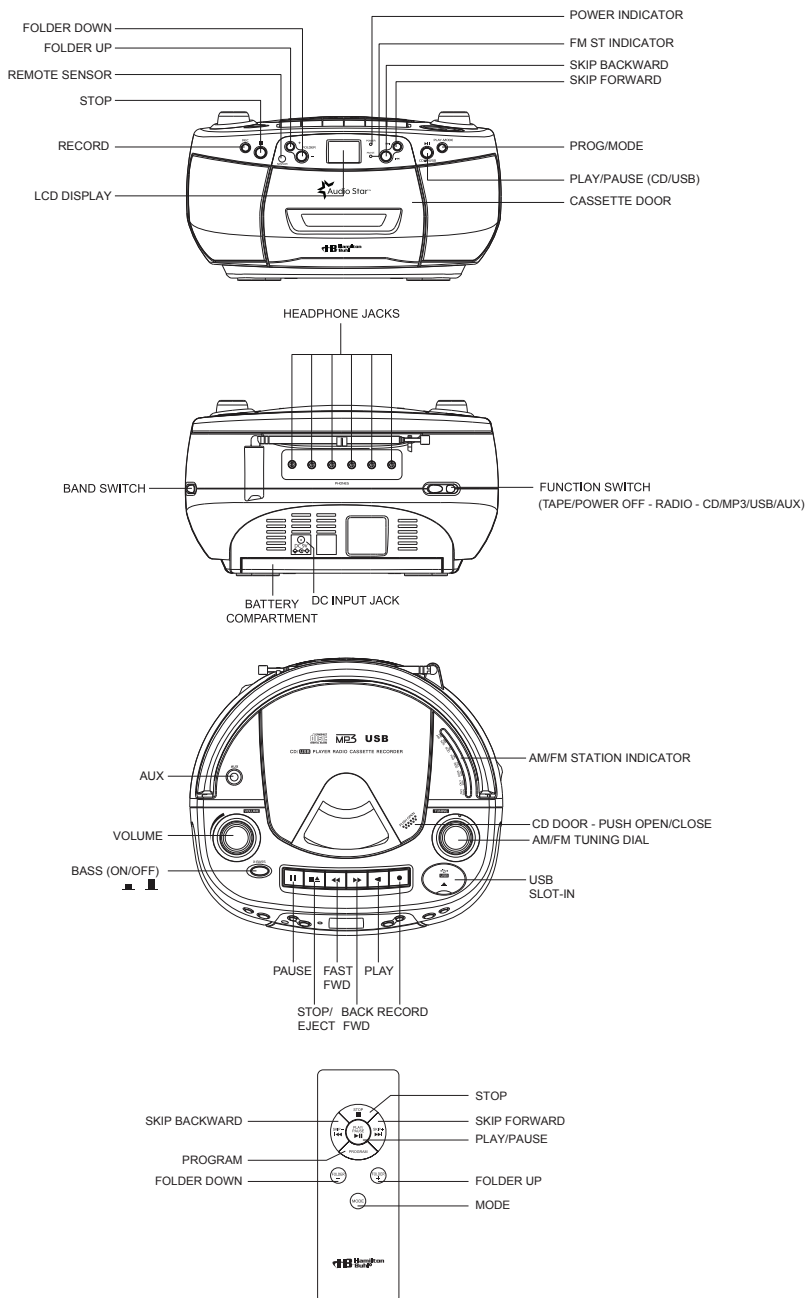
1. Use only the size and type of batteries specified.
2. Follow correct polarity when installing batteries as indicated in the battery compartment.
3. Do not mix different types of batteries (e.g. Alkaline or Carbon-zinc) or old batteries with new ones.
4. If the device is not to be used for a long period of time, remove batteries to prevent damage or injury from possible battery leakage.
5. Do not try to recharge batteries that are not intended to be recharged; they can overheat and rupture (Follow battery manufacturer's directions).
6. Dead batteries must be removed to prevent possible leakage.
7. Dispose of batteries properly in accordance with environmental regulations in your region.

Installing the Remote Control Battery

1. Remove the battery compartment cover on the back of the remote control by pushing down/sliding to open.
2. The battery cover can then be lifted away.
3. Insert the correct batteries (2 "AAA" batteries not included), according to the polarity markings. Replace the cover.



Control Diagrams



Radio and CD Operation

Listening to Radio

1. Plug the included AC adapter into the power outlet to power the unit. Connect the small end of DC jack at the back of main unit.
2. Slide the FUNCTION switch to the RADIO position.
3. Slide the BAND switch to select AM/FM ST band.
4. Rotate the TUNING control knob to search for the desired station.
5. Rotate the VOLUME control knob to set the desired volume.
6. To turn the unit off, slide the FUNCTION switch to the TAPE/POWER OFF position.

NOTE:

For the best AM/FM reception, slightly rotate the unit or move it to a different area of the room, until the best reception is obtained. To obtain the best reception, fully extend the antenna. Avoid close proximity to other electrical devices.

Listening to Music CDs or MP3 Files

1. Plug the included AC adapter into the power outlet to power the unit. Connect the small end of the DC jack at the back of the unit.
2. Open the CD door by pressing the OPEN button near the CD door. Insert the disc into the disc compartment, title side facing up.
3. Close the CD door. Slide the FUNCTION switch to the CD/MP3/USB/AUX position. "--" is displayed for few seconds, and the total number of tracks on the CD will show on the LCD display, and automatically begin playing the first track.
4. During CD play, press the PLAY/PAUSE button to pause the CD; press again to resume.
5. Press and release the SKIP FORWARD ►► or SKIP BACKWARD ◄◄ button to jump to the next or previous track.
6. Press and hold the SKIP FORWARD ►► or SKIP BACKWARD ◄◄ button to search rapidly within a track to find a specific location.
7. During MP3 playback, press the FOLDER UP (+) or DOWN (-) button to search for the previous or next folder.
8. Press the STOP button to stop the CD from playing.
9. After all tracks have been played, the CD player will stop automatically.

NOTE:

Do not open the CD compartment while the disc is spinning. To open the compartment, first press the STOP button and wait until the disc stops spinning.

This unit plays music CDs and MP3 disc formats. This will not play data files.

USB Operation

Listening to Music on USB (MP3 format)

To playback the recorded contents from a USB stick, make sure that no other external devices are connected.

1. Slide the USB cover up. Plug the USB stick into the USB port. Slide the FUNCTION switch to CD/MP3/USB/AUX position ("----" will display).
2. Press and hold the PLAY/PAUSE (CD↔USB) button to enter USB mode. "----" will disappear and the USB indicator will appear on the LCD display along with the total number of files. Then, it will automatically play the first file on the USB stick.
3. Press the PLAY/PAUSE button to pause; press again to resume playing.
4. Press and release the SKIP FORWARD ►► or SKIP BACKWARD ◄◄ button to jump to the next or previous file.
5. Press and hold the SKIP FORWARD ►► or SKIP BACKWARD ◄◄ button to rapidly search within a file to locate specific content.
6. During playback, press the FOLDER+ button to skip to the next folder.
7. During playback, press the FOLDER- button to skip to the previous folder.
8. Press the STOP button to stop USB playback.
9. After all files have been played, USB playback will stop automatically.

Recording from CD

1. Slide the function switch to the CD/MP3/USB/AUX position.
2. Open the CD door on the top of the unit and insert a CD with the label facing up.
3. Select the desired track to record and press the PAUSE button located on the front of the unit.
4. Insert a USB stick into the USB Port.
5. Press the REC button on the front of the unit and "ONE" will appear on the LCD display and flash.
6. Press the SKIP FORWARD button to toggle between "ONE" for a single track, or "ALL" to record an entire CD.
7. Press the REC button again to start recording.
8. Press the STOP button on the front of the unit to stop recording or it will automatically stop recording when the track/CD comes to an end.

Recording to USB

Note: You can only record to USB from CD, Cassette and AUX source.

Recording from Cassette Tape

1. Slide the FUNCTION switch to the TAPE/POWER OFF position.
2. Press the OPEN button of the cassette door to open the compartment.
3. Insert a cassette tape into the cassette compartment; then close the door.
4. Insert a USB stick into the USB port.
5. Press the PLAY button on the top of the unit to play back the cassette.
6. Press the REC button on the front of the unit to start recording. (Note: Button is not the cassette recording button on the top of the unit.)
7. After a few seconds, the LCD will display "REC" to indicate recording has begun.
8. Press the STOP button on the front of the unit to stop recording. **If you do not press the STOP button before the tape ends, the recording will NOT be completed.**
9. Press the STOP/EJECT button on the top of the unit to turn off/eject the cassette.

Recording from AUX

1. Slide the function switch to the CD/MP3/USB/AUX position.
2. Connect an external audio source (phone, tablet, etc.) using an AUX In Cable (not included) to the 5050ULTRA AUX port.
3. Start playing the audio source.
4. Press the REC button on the front of the unit to start recording.
5. Press the STOP button on the front of the unit to stop the recording. **If you do not press the STOP button before the source ends, the recording will NOT be completed.**

Repeat and Program Operation

To Repeat One Track on Music CD, MP3 or USB

1. During CD/MP3 disc or USB playback, press SKIP FORWARD ►► or SKIP BACKWARD ◄◄ button to select a track you wish to repeat.
2. Press the PROG/MODE button until the "REP" indicator shows on LCD display. The unit will play the desired track repeatedly.
3. To cancel the setting, press the PROG/MODE button continuously until the "REP" "REP ALL" "RAN" "ALBUM" indicators disappear.

To Repeat the Entire Disc or USB

1. During CD/MP3 disc or USB playback, press the PROG/MODE button continuously until the "REP ALL" indicator shows on the LCD display. The unit will play all tracks on the disc repeatedly.
2. To cancel the setting, press the PROG/MODE button continuously until the "REP" "REP ALL" "RAN" "ALBUM" indicators disappear.

To Play Music CD or MP3 Disc or USB Randomly

1. During CD/MP3 disc or USB playback, press the PROG/MODE button continuously until the "RAN" indicator shows on LCD display. The unit will play all tracks randomly.
2. To cancel the setting, press the PROG/MODE button continuously until the "REP" "REP ALL" "RAN" "ALBUM" indicators disappear.

To Repeat Album (Folder) for MP3 Disc or USB

1. During MP3 disc or USB playback, press the PROG/MODE button continuously until the "ALBUM" indicator shows on LCD display. The unit will play all content on Disc or USB folder (album) repeatedly.
2. To cancel the setting, press the PROG/MODE button continuously until the "REP" "REP ALL" "RAN" "ALBUM" indicators disappear.

NOTE: Repeat album (folder) function cannot support normal music CD. This function is for MP3 disc formats only.

To Program Specific Tracks (CDs: up to 20 tracks, MP3: up to 20 files)

1. Load the CD or USB you wish to program.
2. Make sure the CD or USB is in STOP mode.
3. Press the PROG/MODE button once; "P01" will appear on the LCD screen and the available slot (ex.: 01) will blink.
4. Press the SKIP FORWARD ►► / SKIP BACKWARD ◄◄ button until the desired track number is reached.
5. Press the PROG/MODE button to store the selection.
6. Repeat Steps 4 and 5 until you have entered all the tracks.
7. To play the stored sequence, press the PLAY/PAUSE button.
8. After all memory tracks have been played, the CD or MP3 player will stop automatically.

Note: When 20 tracks on CD (or 20 files on MP3 disc or USB stick) have been programmed, the memory is full and "FUL" will appear on the LCD display. If you want to cancel the program memory, press the STOP button once. "REP" "REP ALL" also applies to a CD, MP3 disc or USB program playback.

To Repeat Programmed Playlist

1. During programmed play, press PROG/MODE button once to repeat the specifically programmed playlist.
2. Press PROG/MODE button again to repeat all of the programmed playlist.
3. Press the STOP button to cancel repeat play on programmed playlist.

Cassette Operation

Cassette Playback

1. Slide the FUNCTION switch to the TAPE/POWER OFF position.
2. Press the EJECT button to open cassette door and insert a cassette into the cassette compartment. Make sure the cassette ribbon is facing up then close the compartment door.
3. Press the PLAY button to play the loaded cassette.
4. Adjust the VOLUME, as desired.
5. Press the STOP/EJECT button to stop play.
6. The PAUSE button is used to temporarily stop the tape during recording or playback.
7. Press the EJECT button to remove the cassette.

Fast Forward or Rewind

1. To fast forward or rewind, press the FAST FORWARD or REWIND button.
2. Press the STOP/EJECT button to stop FAST FORWARD or REWIND to stop operation.

Cassette Recording

The quality and condition of the cassette tapes you use will have a direct effect on the performance of this unit. Low quality tapes tend to break and stretch, and a broken tape can easily become entangled in the drive mechanism, causing major damage. Stretched tapes run at uneven speeds. They can distort anything recorded on them.

- Use only reputable tape brands
- Use of C-120 (120 minutes) cassettes is not recommended. The extreme thinness of this tape may result in breakage or other issues.
- Through the cassette window, you will see movement of the tape from one side to the other, which can be helpful during tape to USB recording.
- Before inserting a cassette, be sure to tighten any loose portions of tape with a pencil or ballpoint pen before inserting the cassette into the unit.

Recording From Radio to Cassette

1. Slide the FUNCTION switch to the "RADIO" position.
2. Slide the BAND switch to the desired band position.
3. Tune to your desired radio station.
4. Insert the cassette into the cassette compartment.
5. Press the PAUSE button. Then, press the RECORD/PLAY button.
6. Release the PAUSE button to begin recording.
7. Adjust the volume, if necessary.
8. To stop recording, press the STOP/EJECT button. When the tape reaches the end, it will stop recording automatically.

Recording From CD to Cassette

1. Slide the FUNCTION switch to the CD/MP3/USB/AUX position.
2. Press the PUSH OPEN area on the top of the unit to open the CD door.
3. Load a CD, with the label side upward, into the CD compartment, close the door, and the unit will play all the tracks once (continuous play).
4. Press the STOP (■) button to stop playing the CD.
5. Insert the cassette into the cassette compartment.
6. Press the PAUSE button on the cassette. Then, press the RECORD/PLAY button on the cassette.
7. Press the PLAY/PAUSE button on the CD to start playing the CD.
8. Release the PAUSE button on the cassette to begin recording. You can also record audio signals from an external microphone.
9. Adjust the volume, if necessary.
10. To stop recording, press the STOP/EJECT button on the cassette. When the tape reaches the end, it will stop recording automatically.

Recording From Aux to Cassette

1. Slide the FUNCTION switch to the CD/MP3/USB/AUX position.
2. Connect external player to the AUX IN jack.
3. Press the PAUSE button on the cassette. Then, press the RECORD/PLAY button.
4. To stop recording, press the STOP/EJECT button on the cassette. When the tape reaches the end, it will stop recording automatically.

Recording From the Built-In Microphone to Cassette

1. Slide the FUNCTION switch to the TAPE (POWER OFF) position.
2. Insert a cassette tape into the cassette compartment.
3. To avoid unwanted feedback between the speaker and the built-in microphone, set the VOLUME CONTROL to the minimum position.
4. Press the PAUSE button on the cassette. Then, press the RECORD/PLAY button.
5. Release the PAUSE button to begin recording.
6. To stop recording, press the STOP/EJECT button. When the tape reaches the end, it will stop recording automatically.

AUX-IN Operation

Requires a 3.5mm audio cable (not included).

1. Connect a 3.5mm audio cable to the AUX IN on the unit and an audio output from an MP3 player or other audio source.
2. Slide the FUNCTION switch to the CD/MP3/USB/AUX position.
3. Use the controls on the connected MP3 player or other audio source to play and control audio played through the unit.

Connecting up to 6 Headphones

Connect up to 6 stereo headphones/headsets/earphones (not included) into any of the 6 headphone jacks located on the back of the unit.

Specifications

General

Power supply:	AC 120V/60Hz DC 9V (Uses 6 "UM-1" size batteries)
AC/DC Adapter	Input AC120V/60Hz, Output DC 9V/0.8A
Output Power:	1.0 watts x 2 (RMS)
Speaker:	90mm Cone-Type
AUX/MP3 in:	3.5mm Jack
Dimensions:	9.45"L x 8.3"D x 5.15"H
Weight:	5.2 lbs.
Operating Temperature:	+41°F~+95°F
Frequency:	AM: 530 – 1710 KHz FM: 88 – 108 MHz
Antenna:	AM: Built-in Ferrite Bar FM: Antenna Rod

CD

Optical Pick-Up Lens:	3-Beam Semiconductor Laser
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Troubleshooting

Function	Indicator	Possible Cause	Solution
CD Playback	"NO" appears in the display during CD Playback Mode	CD is inserted upside down	Insert CD correctly with CD graphic facing up
		CD is damaged, scratched or dirty	Wipe CD with microfiber cloth or use another disc
		Incompatible CD format	Supports Audio CD, CD-R, CD-RW, and MP3 CD
		Function switch is not correctly set	Slide the function switch to CD/MP3/USB/AUX
	CD Playback intermittent or skipping	CD is damaged, scratched, dirty, or optical lens is dirty	Wipe CD with microfiber cloth or use another disc. Use a CD lens cleaning disc to clean optical lens
USB Recording	"NOF" appears in the display during USB Recording Mode	USB Stick is not FAT/ FAT32 format	Format USB stick correctly. Change USB Stick.
USB Playback	"NOF" appears in the display during USB Playback Mode	USB Stick is defective	Use another USB stick
		Invalid file format	USB playback supports MP3 format only. No other formats are supported.
	No Sound	Media player via AUX IN is still connected	Disconnect Aux In cable
AM/FM Radio	AM/FM: Noise or sound distortion	Station not tuned properly	Carefully adjust tuner to the desired radio station
	FM only:	FM telescopic antenna is not fully extended	Fully extend the FM telescopic antenna
Cassette Playback/ Recording	Poor Sound Quality	Dust or dirt in the cassette tape	Use a cassette tape cleaner
		Dust or dirt in the cassette player head, capstan, or pinch roller	Use a cassette tape cleaner
AUX IN Playback/ Recording	No Sound	Faulty AUX IN Cable or not inserted properly	Replace AUX IN Cable or make sure it is inserted fully into the AUX IN jack
All Functions	No Sound	Volume Dial is low	Turn up the volume to the desired sound level

Product Registration Instructions

Visit: www.HamiltonBuhl.com

1. Click on Customer Care
2. Click on Product Registration Form
3. Fill out all fields marked with * to register your product



Warranty begins the date item ships from our warehouse. All products have a one year warranty from original date of shipment, unless otherwise noted.



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