



PORTABLE CASSETTE PLAYER
WITH AM/FM RADIO &
BLUETOOTH® OUT

EPC-1001



USER MANUAL

Please read carefully before use and keep for future reference.

SAFETY INSTRUCTIONS

1. Read these instructions – All the safety and operating instructions should be read before this 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 appliance and in the operating instructions should be adhered to.
4. Do not use this apparatus near water. The device should not be used near water or moisture – for example, in a wet basement or near a swimming pool, and the like.
5. Clean only with a dry cloth.
6. Do not block any ventilation openings.
7. Do not operate or place near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. Protect the power cord from being walked on or pinched particularly at the plugs, power outlets, and at the point where they exit from the apparatus.
9. Only use attachments/accessories specified by the manufacturer.
10. Unplug the apparatus during lightning storms or when unused for long periods of time.
11. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as a damaged power supply cord or plug.
12. **WARNING:** To reduce the risk of fire or electric shock, do not expose this device to any moisture, including rain or high humidity. Do not place any vases, or any liquid containers on the speaker.
13. Only use the device in moderate climates.
14. The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloths, curtains, etc.
15. Do not place open flame sources, such as lighted candles, on the apparatus.
16. To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.
17. **CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE DEVICE HOUSING. DO NOT OPEN THE UNIT. SERVICING SHALL ONLY BE DONE BY QUALIFIED SERVICE PERSONNEL.**
18. **NOTE:** The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications.

19. Battery Warnings:

- Remove batteries if exhausted or if they will not be used for a long period.
- The incorrect use of batteries can cause electrolyte leakage and will corrode the compartment or cause the batteries to burst.
- Do not mix battery types, e.g. Alkaline with zinc carbonate.
- When inserting new batteries, replace all batteries at the same time.

PACKAGE CONTENTS

EPC-1001 1 Piece Headphones 1 Piece
USB Power Cable 1 Piece User Manual 1 Piece

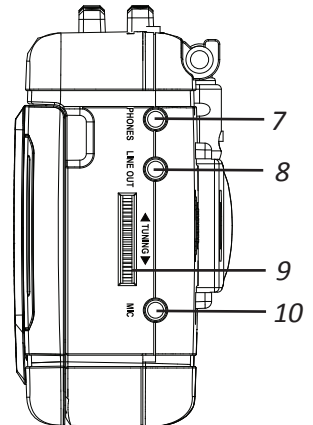
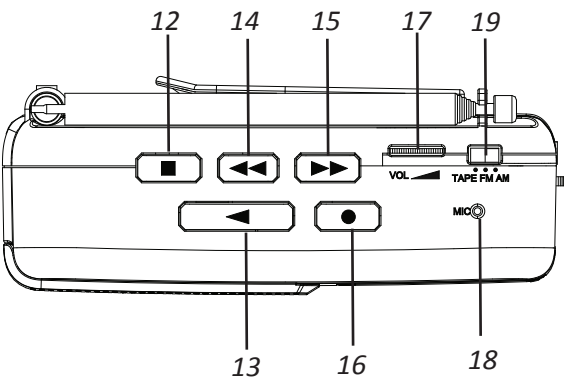
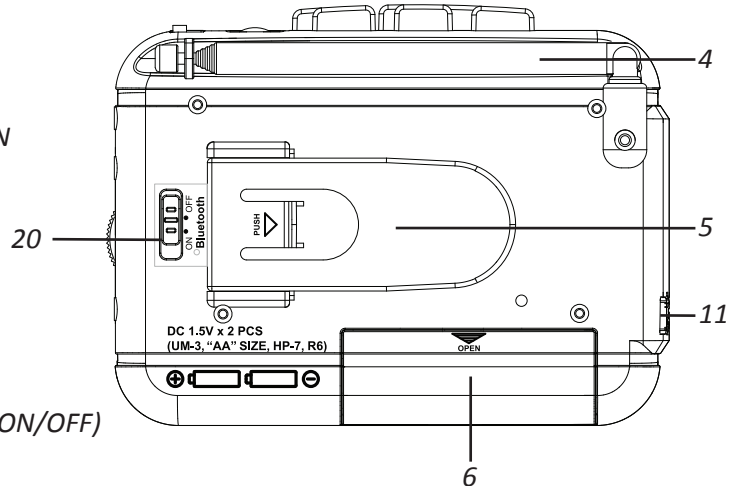
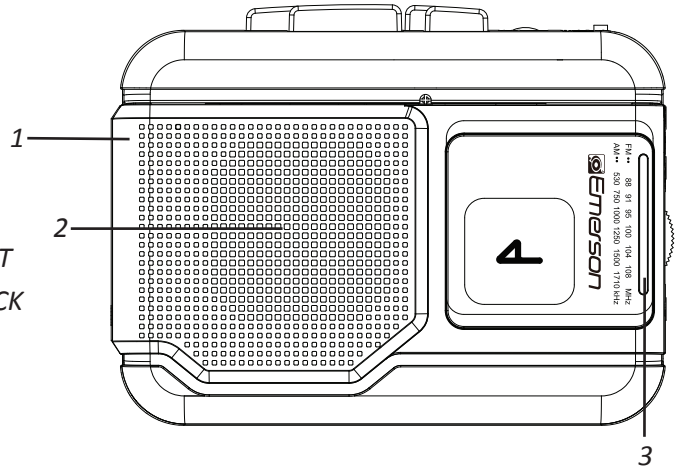
DEVICE SPECIFICATIONS

Power Source Requirements	USB Cable (Included)	AC/DC Adaptor (Not Included)	Batteries (Not Included)
	Input: DC 5V-600mA	Input: AC 120V, 60Hz Output: DC 5V-600mA	2 x AA (UM-3)
Headphone Input Port	3.5 mm		
Frequency Range	FM: 87.5 - 108 MHz AM: 520 - 1710 kHz		
Bluetooth® Version	5.3		

NOTE: SPECIFICATIONS & ACCESSORIES ARE SUBJECT TO CHANGE WITHOUT NOTICE

DEVICE CONTROLS

1. CASSETTE DOOR
2. BUILT-IN SPEAKER
3. AM/FM DIAL SCALE
4. TELESCOPIC ANTENNA
5. DETACHABLE BELT-CLIP
6. BATTERY COMPARTMENT
7. STEREO HEADPHONE JACK
8. LINE-OUT JACK
9. TUNING CONTROL
10. MICROPHONE JACK
11. DC IN JACK
12. STOP BUTTON
13. PLAY BUTTON
14. FAST FORWARD BUTTON
15. REWIND BUTTON
16. RECORD BUTTON
17. VOLUME CONTROL
18. BUILT-IN MIC
19. FUNCTION SELECTOR (TAPE/FM/AM)
20. BLUETOOTH® BUTTON (ON/OFF)



CONNECTING POWER

DC INPUT - USB CABLE (Included)

1. Connect the player with USB Cable (Included)
2. Connect the USB Cable to USB Wall Adapter (Not Included). Please make sure it is at least 5V with 600mA.
3. Connect the USB Wall Adapter (Not Included) to Wall Outlet

DC INPUT - AC ADAPTOR (Adaptor not included)

- Connect the DC end of the adaptor to the device DC input and the AC end of the adaptor to an AC 120V 60Hz wall outlet.

NOTE: Connecting to AC power automatically disengages the battery power source.

BATTERY POWER

1. Open the door to the battery compartment.
2. Install a quantity of two (2) AA UM-3 size batteries (not included) into the compartment. Make sure to install the batteries according to the indicated positive and negative markings.

CAUTIONS

- Remove batteries if they are empty or not being used for long periods.
- Batteries contain chemical substances. Dispose of empty batteries per local laws and requirements.

OPERATING THE DEVICE

General Operation

- To turn ON the radio, move the FUNCTION SELECTOR to either the FM or AM positions.
- To turn ON the TAPE function, move the FUNCTION SELECTOR to the TAPE position.
- To turn OFF the device, move the FUNCTION SELECTOR to the TAPE position.
- Adjust the volume using by rotating the VOLUME CONTROL.

USING HEADPHONES

- For private listening, connect a 3.5mm headphone (included) to the Headphone Input Port. Note: the speaker will be automatically disabled.
- CAUTION: Listening at high volumes can cause hearing loss.

OPERATING MODES

USING THE CASSETTE PLAYER

- RECORD - Press to record from the radio, microphone or external microphone.
- PLAY - Press to play cassettes.
- REWIND - From stop mode, press to rewind the tape toward the beginning.
- FAST FORWARD - From stop mode, press to advance the tape toward the end.
- STOP - Press to stop the tape.

PLAYING A CASSETTE TAPE

1. Move the FUNCTION SWITCH to the TAPE position.
2. Open the CASSETTE DOOR {#1} and insert a pre-recorded cassette tape with the exposed tape facing upwards then close the CASSETTE DOOR(#1).
3. Press the PLAY BUTTON (#13) and adjust the VOLUME CONTROL (#17) to obtain the desired sound level.
4. Press the FAST FORWARD BUTTON (#14) or REWIND BUTTON (#15) to quickly advance or rewind the tape.
5. Press the STOP BUTTON (#12) at any time to stop playback. The tape playback will stop automatically when the end of the tape is reached.
6. Adjust the volume to your desired listening level.

AUTOMATIC STOP FEATURE

When the cassette deck is operating in play or record mode and the end of the tape is reached, the PLAY BUTTON (#13) will automatically release to stop the cassette.

RECORDING AUDIO

RECORDABLE CASSETTE TYPES

Use only good quality cassettes (IEC TYPE 1) for making recordings. The device may be used to replay other types of cassettes, but it is unable to properly record on other types of cassettes.

RECORDING AUDIO USING THE BUILT-IN MICROPHONE

1. Set the FUNCTION SELECTOR (#19) to the "TAPE" position.
2. Open the CASSETTE DOOR (#1) and insert a blank cassette tape.
3. Press the RECORD BUTTON (#16) and PLAY BUTTON (#13) down at the same time and the unit will start recording from the built-in microphone.
4. Press the STOP BUTTON (#12) to stop recording.
5. To listen to the recording, press the REWIND BUTTON (#15) to rewind the tape, and then press the PLAY BUTTON (#13) to hear what was recorded.
6. Press the STOP BUTTON (#12) to stop playback.

RECORDING AUDIO USING AN EXTERNAL MICROPHONE

1. Set the FUNCTION SELECTOR (#19) to the "TAPE" position
2. Plug an external microphone (not included) into the external microphone jack (#10).
3. Open the CASSETTE DOOR (#1) and insert a blank cassette tape.
4. Press the RECORD BUTTON (#16) and PLAY BUTTON (#13) down at the same time and the unit will start recording from the external microphone.
5. Press the STOP BUTTON (#12) to stop recording.
6. To listen to the recording, press the REWIND BUTTON (#15) to rewind the tape, and then press the PLAY BUTTON (#13) to hear what was recorded.
7. Press the STOP BUTTON (#12) to stop playback.

RECORDING AUDIO FROM THE RADIO

1. Set the FUNCTION SELECTOR (#19) to AM or FM and tune to the station you want to record using the TUNING CONTROL (#9).
2. Press the RECORD BUTTON (#16) and PLAY BUTTON (#13) down at the same time and the unit will start recording from the radio.
3. Press the STOP BUTTON (#12) to stop recording. To listen to what was recorded; set the FUNCTION SELECTOR (#19) to the "TAPE" position.
4. Press the REWIND BUTTON (#15) to rewind the tape and then press the PLAY BUTTON (#13) to hear what was recorded.
5. Press the STOP BUTTON (#12) to stop playback.

PROTECTING TAPE RECORDINGS

Normally, anything recorded on the tape is automatically erased when a new recording is made. It is possible to protect your recording from accidental erasure by removing the tabs found on the rear of the cassette.

- When the cassette is held with the recorded side upper-most and the exposed tape facing the front, the protective tab will be found on the left rear of the cassette.
- All pre-recorded cassettes are protected in this way to prevent accidental erasure of the commercial recording. "Protected" cassettes will prevent the record button from being operated.
- If you attempt to record and find that this button will not be depressed, never force the mechanism or it may be damaged. Check that a cassette has been loaded and that the tab has not been removed. Recording on a cassette from which the tabs have been removed can be done by covering the tab openings with a piece of adhesive tape.

AUDIO RECORDING NOTES

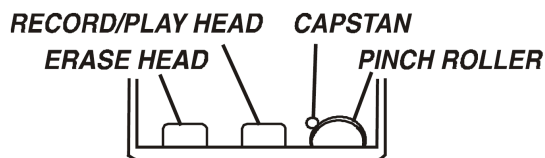
- When recording, the device Auto Level Control (ALC) will automatically disable the VOLUME CONTROL (#17) from affecting the sound level.
- When recording from either the built-in microphone or when using an external microphone, keep the microphone approximately 2 - 3 inches from the source that you are recording.
- You may receive some interference when recording from the AM radio.

CASSETTE TAPE OPERATING TIPS

1. High-quality tapes are recommended to obtain maximum-quality reproduction from recordings.
2. Tapes with a playing time of 120 minutes (C-120) are not recommended because they contain thinner and longer tape that has a greater chance to malfunction and jam, which may damage the cassette mechanism.
3. To obtain good reproduction, the head should be cleaned after every 10 to 20 hours of use. It is also recommended that the cassette be kept away from excessive heat or cold.
4. If there is slack in the tape, remove the slack before inserting the cassette. To remove the slack, insert a pencil into the hub and rotate clockwise.
5. A leader tape is provided at the beginning of each cassette. There is no recording on this area, so it is necessary to let the tape run for about five seconds to clear the head.
6. Keep the tape head clean because a dirty head distorts sounds or changes the tape speed. To clean, press the PLAY BUTTON (#13) and use a small cotton swab with tape head cleaner or alcohol applied to it to clean the tape head, capstan, and pinch roller.

CARE OF THE CASSETTE MECHANISM

Gently clean the tape head and pinch wheel/capstan assemblies after every 10 hours of using the unit. A range of cassette care products are available.



- The erase head, record/play head, and the surface of the pinch roller are delicate and must not be touched with metal objects, such as screwdrivers.
- You may find it easier to clean the assembly by pressing the PLAY button to move the bright head and pinch roller into view.
- Be sure to press the STOP button after cleaning the mechanism.
- Damage to the pinch roller can occur if the unit is left in PLAY mode with the power switch off.
- Under no circumstances should you attempt to lubricate any part of the machine.

BLUETOOTH® OPERATION (CASSETTE PLAYER ONLY)

The EPC-1001 features Bluetooth® wireless output for the cassette player only, so it can be connected to Bluetooth® compatible headphones (not included) and Bluetooth® speakers (not included).

1. Slide the BLUETOOTH® ON/OFF SWITCH (#20) located on the back of the EPC-1001 to "ON" mode to enter the Bluetooth® transmit mode.
 2. When the cassette player is in Bluetooth® transmit mode, the blue Bluetooth® indicator near the BLUETOOTH® ON/OFF SWITCH (#20) will flash. The pairing process could take up to 30 seconds. For best results, stay within 3 ft. of the Bluetooth® speaker you are pairing to.
 3. When the Bluetooth® connection is made, the blue Bluetooth® indicator will stop flashing and remain lit.
 4. You are now connected to your external Bluetooth® device.
 5. Press the PLAY BUTTON (#14) to begin playing the cassette and the sound will be heard from the external Bluetooth® device. If you are connected to a Bluetooth® device with a play/pause button and do not hear the audio, press the play/pause button on the device.
 6. Press the STOP BUTTON (#13) to stop the cassette playback.
 7. Slide the BLUETOOTH® ON/OFF SWITCH (#20) to the "OFF" to turn off Bluetooth® transmit mode.
- When using Bluetooth®, no audio will be heard from the speaker or through wired earbuds attached to the unit.
 - When in Bluetooth® mode, the volume level can only be adjusted using the volume control on the external Bluetooth® device.
 - If the cassette player stops playing, the Bluetooth® transmit function will be automatically turn off after 5 minutes. When this happens, you will need to repeat the connection steps above to relink the Bluetooth® device to the EPC-1001 if you want to continue playing cassettes in Bluetooth® transmit mode.

RADIO OPERATION

1. Set the FUNCTION SELECTOR (#19) to the AM or FM position.
2. Rotate the TUNING CONTROL (#9) to select the desired radio station.
3. Adjust the VOLUME CONTROL (#17) to obtain the desired sound level from the built-in speaker.
4. To turn the radio off, switch the FUNCTION SELECTOR (#19) to the "TAPE" position.

TIPS FOR BEST RADIO RECEPTION

FM or FM Stereo Reception

- For the best FM reception, fully extend the telescopic antenna.
- When listening with the included earbuds, the cord of the earbuds works as an external FM antenna. Make sure the cord from the earbuds is unwrapped and fully extended for best reception.

AM Reception

When using the AM radio, be sure to place the unit in a vertical position. For best AM reception, keep turning the unit slowly while keeping it vertical until the best signal is obtained.

PLAY AUDIO ON AN EXTERNAL DEVICE

This device features a 3.5 mm LINE-OUT JACK (#8).

Using a stereo audio cable equipped with a 3.5 mm input connector, you can play the device audio on an external stereo system.

1. Connect the cable 3.5 mm connector to the device LINE-OUT JACK (#8) and the opposite end of the cable into the external device audio input port(s).
2. Use the device controls to play the radio or a tape.
3. Adjust the volume using the external device's volume control.

NOTE: Once connected to an external device, the unit's volume control will not function--only the external device can adjust the volume.

TROUBLESHOOTING

SYMPTOM	POSSIBLE CAUSES	POSSIBLE REMEDIES
No sound from the device.	Depleted battery power.	Replace with all new batteries.
	Volume set to minimum.	Increase the volume.
Sound is distorted at high volumes.	Volume control is set to maximum.	Lower the volume.
Sound is distorted on FM broadcast.	Headphone cord is not extended.	Extend the headphone cord.
No sound from the radio.	Device is not in AM or FM mode.	Switch to AM or FM mode.
	Weak radio station signal.	<ul style="list-style-type: none"> • Extend the antenna. • Tune to a stronger station.
The tape speed varies.	The cassette tape is old or worn.	<ul style="list-style-type: none"> • Replace the tape. • Clean the tape head.
The tape audio is distorted.	<ul style="list-style-type: none"> • The cassette tape is old or worn. • Dirty roller and capstan. 	<ul style="list-style-type: none"> • Replace the tape. • Clean the roller and capstan.

FCC NOTICE

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

SUPPORT

If you have problems with your device, please consult the instructions in this manual. Please also visit us on the web at www.emersonaudio.com to get up to the minute news, alerts, and documentation for your device. For additional assistance, please contact Emerson Technical support.

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