



# Portable CD/Cassette Boombox

MODEL: EFL240



**PLEASE READ THIS USER MANUAL COMPLETELY BEFORE  
OPERATING THIS UNIT AND RETAIN THIS BOOKLET FOR  
FUTURE REFERENCE.**

**For technical assistance or troubleshooting please  
call 1-855-994-3832 or visit [www.SIBrandssupport.com](http://www.SIBrandssupport.com)**

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## WARNINGS

- To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.
- To reduce the risk of electric shock, do not open the cabinet. No user serviceable parts are inside. Refer servicing to qualified personnel.
- This appliance uses a Laser System. To prevent direct exposure to the laser beam do not open the cabinet. Visible and invisible laser radiation is present when the cabinet is open. Avoid direct exposure and do not stare into the beam.
- Batteries should not be exposed to excessive heat such as direct sunlight, fire, or other heat sources.
- Caution: Do not expose this appliance to dripping or splashing liquids. Do not put objects filled with liquid, such as vases on or near the appliance.
- Caution: To turn this appliance off completely, the POWER cord must be unplugged from the wall outlet. The power cord must be easily accessible at all times.



THE LIGHTNING FLASH WITH ARROWHEAD SYMBOL, WITHIN AN EQUILATERAL TRIANGLE, IS INTENDED TO ALERT THE USER TO THE PRESENCE OF NON-INSULATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.

### CAUTION

#### RISK OF ELECTRIC SHOCK DO NOT OPEN

**WARNING:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE FRONT OR REAR COVER. NO USER SERVICEABLE PARTS ARE INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



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.

## FCC WARNINGS

**WARNING:** Changes or modifications to this unit not expressly approved in this manual 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:

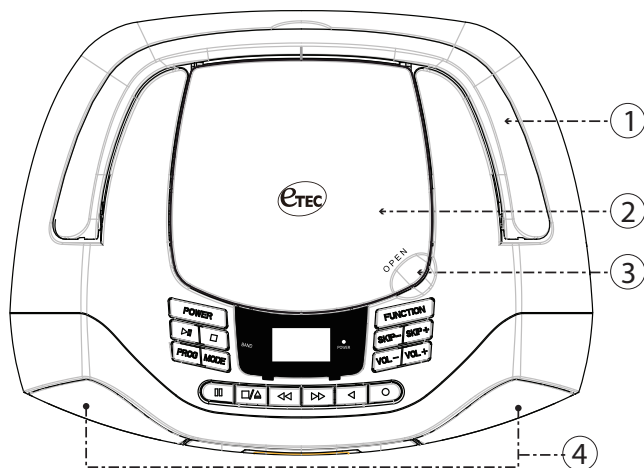
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## IMPORTANT SAFETY INSTRUCTIONS

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 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 and/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.
- 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.
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 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.



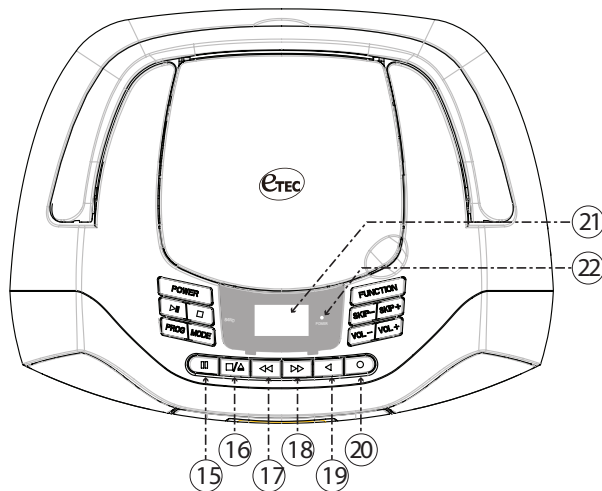
# Overview









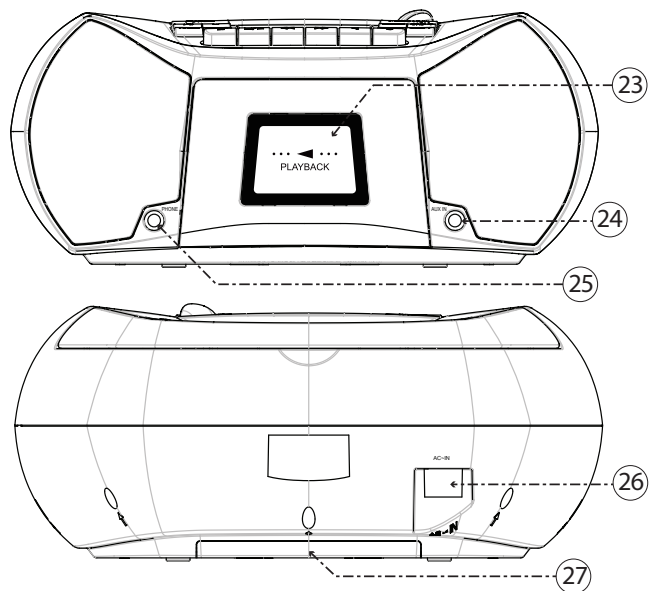
1	Handle	Raise the handle to transport the unit safely and easily.
2	CD compartment	Load compact discs here. The label side should face up.
3	CD door latch	Press here to open/close the door of the CD compartment [2]. Never open the compartment while a CD is playing or spinning!
4	Speakers	Full-range drivers deliver powerful stereo sound.



5	POWER (Standby)	Press to turn the unit on. Press and hold to turn the unit off.
6	▶	CD: Press to Play, Pause, or resume CD playback.  Radio: Press to automatically scan for and save stations to preset memory.
7	■ BAND	CD: Stop CD playback.  Radio: Change the radio band (AM, FM).
8	PROG	CD: Press to enter Program mode to create a custom CD playlist.  Radio: Press to select a preset station. Press and hold to save a preset station.
9	MODE	Press to change the Play mode during CD playback (repeat, repeat all, random).
10	FUNCTION	Press to change the active source mode (radio, CD, tape, AUX).
11	SKIP+	CD: Next/Forward key.  Radio: Tune/Scan Up key.
12	SKIP-	CD: Previous/Reverse key.  Radio: Tune/Scan Down key.
13	VOL+	Press to increase the volume level.
14	VOL-	Press to decrease the volume level.



15		Pause. Press to pause tape playback or recording. Depress the key again to resume playback or recording.
16		Stop/Eject. Press to stop tape playback. When playback is stopped, press to open the cassette compartment [23].
17		Fast-forward. Press to fast forward through the tape when playback is stopped.
18		Rewind. Press to rewind the tape when playback is stopped.
19		Play. Press play to start tape playback.
20		Record. Press down together with the cassette PLAY key [19] to start recording.
21	LCD screen	Displays player status information (e.g., active source mode, track numbers, station frequency, etc.)
22	Power indicator	Lights up red when the unit is on.



23	Cassette compartment	Load cassette tapes for playback or recording.
24	AUX Input jack	Play audio from a device that is connected to this 3.5mm input jack.
25	Headphone output jack	Connection for headphones with a 3.5mm plug. The speaker output is disabled when headphones are in use.
26	AC power socket	Connector for the included AC power cable.
27	Battery compartment	Load 8 "C" size batteries into the compartment for portable power.



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# Connect Power

The unit can be powered by AC household power, or by batteries.

## AC Power

This unit runs on AC 120 V power. Use the included power cord to connect the AC power socket [26] to a household wall outlet that provides AC 120 V power.



*Do not connect this unit to a power source other than that which is indicated here and on the rating label of the unit.*

*Please be sure the power outlet you plug this unit into is working and receives constant (unswitched) power.*



*Battery operation will be automatically disabled when AC power is used.*

## Battery Power

Install 8 “C” size batteries to enjoy music wherever you are.

1. Remove the lid from the battery compartment [27] found on the bottom of the main unit.
2. Load eight “C” size batteries, taking care to match the polarities marked on the inside of the compartment.



It is time to change the batteries when the sound output of the unit becomes distorted or CD player operation appears unstable. Replace all of the exhausted batteries at the same time as soon as possible to avoid battery leakage.



Make sure that the batteries are installed with their poles in the proper orientation. Improper installation may result in damage to the unit and property and will void the warranty.

Remove the batteries if they are exhausted or will not be used for a long time.



*Batteries contain chemicals that may be regulated by your local government. Dispose of them properly according to regulations.*

*Do not incinerate the batteries. The batteries may explode or leak.*

*Do not mix old and new batteries.*

*Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.*

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# Basic Functions

## Turning the Unit On and Off

To turn the unit on, press the POWER (Standby) key [5]. The power indicator [22] will light up.

To turn the unit off, press the POWER key [5] again.

## Changing the Function Mode

While the boombox is on, press FUNCTION [10] to change the active source mode. The available modes are:

- RADIO: Listen to AM or FM radio broadcasts.
- CD: Play compact discs (CD-audio).
- TAPE: Play cassette tapes.
- AUX: Play audio from devices connected to the AUX input jack.

## Headphone Jack

Lower the volume on the boombox before connecting headphones or earphones to the 3.5mm headphone

output jack [25]. Once connected, press VOL+ or VOL– [13, 14] to slowly adjust the volume to a comfortable level.



The speakers will be disabled when headphones are connected.



Using headphones for prolonged periods or at a high volume can damage your hearing permanently.

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## Using the Radio

Listen to FM or AM radio broadcasts.

Press FUNCTION [8] to change the active source mode to Radio. The FM or AM indicator will light on the LCD screen and the station frequency will be displayed.

### Tuning to Radio Stations

- Press the ■/BAND button [7] to select the AM or FM radio band.
- Tune to a station by pressing SKIP+ or SKIP– [11, 12]. The station frequency is shown on the LCD screen.
- Scan to the next station by briefly holding SKIP+ or SKIP– [11, 12].
- To tune to a preset station, press PROG [8]. While the current preset station number is shown on the LCD screen (e.g., P01), press SKIP+ or SKIP– [11, 12] to change the preset station.



The ST indicator on the LCD screen will light when the tuner is locked in on an FM stereo signal.

## Saving Stations to Preset Memory

Press ► [6] to automatically scan for stations and save them to preset memory. This will overwrite any previously saved stations.

To manually save a station to preset memory:

1. Tune to the station you want to save.
2. Hold PROG [8] until the LCD screen shows the next available preset station number (e.g., P06).
3. Press SKIP+ or SKIP– [11, 12] to select preset station number.
4. Press PROG [8] to save the station to the selected preset station number.

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## Using the CD Player

Listen to CD and CD-R/RW discs.

Press FUNCTION [10] to change the active source mode to CD. The CD indicator will light on the LCD screen.

### About Compact Discs

This player is compatible with all digital audio CDs, digital audio CD-Recordable discs (CD-R) and CD-Rewritable discs (CD-RW) that have been finalized, and CD-DA format digital audio CDs.



*Only handle a CD by its edge. Avoid touching the label or the playable side with your hands or any other object.*

### Loading a Disc

1. Open the CD compartment [2]. Gently lift the CD door latch [3] to open it.
2. Load a compatible disc. Place the CD into the compartment [2] with its label facing up.

3. Close the CD compartment [2]. Gently lower the door to close it.
  4. The player will attempt to read the disc once the door is closed.
    - The LCD screen [21] will show the number of playable tracks on the disc.
    - If the disc was loaded incorrectly, is incompatible with the player, or is unreadable for some other reason, the screen will read "NO."
- To select a track to play:
    - Press SKIP+ [11] to skip to the next track.
    - Press SKIP– [12] to skip back to the previous track.
  - To scan through a track at high speed:
    - Press and hold SKIP+ or SKIP– during playback [11, 12]. Play will advance or reverse quickly through the current track; release the key to resume playback at normal speed.



To ensure good system performance, wait until the player recognizes and reads the disc before proceeding.

## Playing a Disc

With a compatible disc in the CD compartment [2]:

- Press ►|| [6] to start playback.
- To pause playback, press ►|| [6] while a disc is playing. Press ►|| [6] again to resume playback.
- To stop playback, press ■ [7].

## Repeat Playback

You can change the order in which the tracks of a CD are played. Press MODE [9] to change the playback mode.

Indicator	Mode	Description
REP	Repeat	The current track will play repeatedly until play is stopped.
REP ALL	Repeat all	All tracks will play repeatedly until play is stopped.
RAND	Random	Tracks will play in random order until play is stopped.



*To return to normal playback, press  
MODE [9] until none of the mode  
indicators appear on the LCD screen.*

## Programming a Playlist

When the CD is stopped, you can select up to 20 CD tracks to play in any order that you choose.

1. Press ■ [7] to make sure that playback has stopped.
2. Press PROG [8]. The LCD screen [21] will display “01” and the PROG indicator will flash.
3. Use the SKIP+ or SKIP– keys [11, 12] to choose a track to enter into the playlist.
4. Press PROG [8] to save the track into the playlist.
5. Repeat steps 3 and 4 until your playlist is complete. Press ►|| [6] to start the playlist; play will start from the first track in the playlist.
6. Press ■ [7] to stop the programmed playlist, then press ■ once more to delete the program and return to normal playback.

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## Using the Cassette Player

Listen to cassette tapes.

Press FUNCTION [10] to change the active source mode to TAPE. The LCD screen [21] will display TAP.

### About the Cassette Keys

The cassette keys are located above the cassette compartment [23]. They are numbered [15] to [20] in the section “Overview” and throughout this manual.

You can learn more about their functions in the section “Overview.”

### Playing a Cassette Tape



Do not use C120 cassettes or other specialized cassettes with this player.

1. Open the Cassette compartment [23]. Press □/△ [16] while playback is stopped.

2. Load the cassette into the compartment with its exposed magnetic tape facing up.



*The tape will spool from the right to left reel. If the cassette you are loading is wound to the beginning, the full reel should be on the right.*



*Take up any slack in the tape before loading the cassette into the compartment. Turn the cassette reel with your finger or a pencil until the tape is taut.*

3. Close the cassette compartment [23]. Push the door of the compartment into the body of the player until it is securely closed.
4. Cue the tape (optional). Press << [17] or >> [18] to go to the part of the tape that you want to play.
5. Start playback. Press < [19].
6. To stop playback, press □/△ [16].



*Your player is equipped with Auto Stop. When the end of the tape is reached, the player will automatically stop the tape and all keys will disengage.*


## Recording to Cassette Tapes


You can record from different sources to cassette tape. Record with quality cassettes only (e.g., IEC type 1).




*Do not use C120 cassettes or other specialized cassettes with this player.*

1. Choose the source of the recording you want to make. Press FUNCTION [10] to change the active source mode:
  - CD to record from the CD player.
  - RADIO to record from the radio.
  - AUX to record from an audio source connected to the AUX input jack [24].
2. Get the source ready. For CD and AUX, cue playback to the point that you want to record. For the radio, tune to the station that you want to record.
3. Get the target ready. Load a blank cassette tape into the cassette compartment [23]. Optionally, cue the tape to the point that you want to record to with the << or >> keys [17, 18].


 *The exposed magnetic tape of the cassette should face up.*

 *Take up any slack in the tape before loading the cassette into the compartment. Turn the cassette reel with your finger or a pencil until the tape is taut.*

4. Start recording. When you are ready to record, press **O** [20] together with **<** [19].

 *Do not force the **O** key down if you feel resistance! If you cannot press the **O** key down, the cassette tape may be write-protected. Refer to the section “Record Protection” to learn more.*

5. Stop recording. Press **□/△** [16] to stop recording.

 *You may also pause recording by pressing **□** [15]. Depress the **□** key again to resume recording.*

## Record Protection


Protect your cassette tape from accidental erasure with the Record Protection tab.

1. Locate the tab on your cassette tape. It can be found on the long side of the cassette, opposite the side with the exposed tape (see the illustration below).



Record Protect Tab for Side “A”

2. Use a sturdy, flat object such as a small screwdriver or file to break off the tab.

 The tab may have been removed already if the cassette tape is not a new, blank tape designed for recording. Commercial recordings and other pre-recorded tapes are usually record protected.

When the record protection tab is missing, you will not be able to press **O** [20].





*If you would like to record with a cassette tape that is missing its record protection tab, use a small piece of adhesive tape to cover tab opening.*

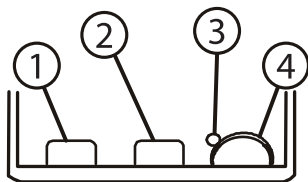


Never lubricate any part of the player under any circumstance.

Never turn off the player during playback, or leave the player in PLAY mode while the power is off. Doing so can damage the pinch wheel.

## Caring for the Cassette Mechanism

Cassette care and cleaning products are available for purchase from local and on-line retailers. The tape head and pinch wheel/capstan assemblies need to be cleaned after every 10 hours of use.



- |   |                  |
|---|------------------|
| 1 | Erase head       |
| 2 | Record/Play head |
| 3 | Capstan          |
| 4 | Pinch roller     |



*Press ◀ [19] to get better access to the heads and roller in order to clean them.*



*The erase head, record/play head and the surface of the pinch roller are delicate parts. Never touch these parts with hard objects (e.g., screwdrivers, metal).*

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# Using the AUX Input

Listen to devices connected to the AUX input jack [24].

Press FUNCTION [10] to change the active source mode to AUX. The LCD screen [21] will display AUX.

1. Connect the audio source to the player. Use an optional audio patch cable to connect the 3.5mm headphone or line-out jack of the audio source to the 3.5mm AUX Input jack [24] found on the front of the player.
2. Lower the volume on the player. Press VOL– [14] to lower the volume level.
3. Prepare the audio source. Start playback on the device. Set the volume level of the device to approximately 80% of its maximum.
4. Adjust the final volume. Press VOL+ or VOL- on the player to set the volume to a comfortable level [13, 14].



*Use the audio source to control playback (e.g., stop, play, next). Use the player to control the volume.*

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# Specifications

Speaker Output	12 W peak, 2.4 W RMS
Media Support	CD, CD-R/RW, Cassette
Radio Tuner	AM, FM
Preset Memory	20 AM, 20 FM
Input	3.5mm AUX jack
Output	3.5mm headphone jack
Power Source	AC 120 V
	8 x C batteries (not included)
Standby Power	1 W
Operating Power	12 W



## LIMITED 90-DAY WARRANTY

We warrant this product to be free from defects in material and workmanship under normal use for a ninety-day period from the original date of purchase from an authorized ETEC dealer.

Should you be missing any of the included accessories or other components (screws, pieces, etc.), please contact the Customer Support Center to secure a replacement. It is not necessary to bring the unit back to the store. When calling, please reference the parts list found in the Instruction Manual to help us accurately identify the missing parts and promptly provide replacements.

We will replace the unit free of charge should it become defective under this warranty, providing you, the original purchaser, have your original dated sales receipt.

To obtain warranty service or replacement within the ninety-day warranty period, please return the product with all parts and accessories along with your original dated store receipt to the original place of purchase and the unit will be exchanged at no charge. It is not necessary to contact the manufacturer for warranty replacement.

For technical support, visit our website [www.sibrandssupport.com](http://www.sibrandssupport.com) or call the ETEC Technical Support Center for technical assistance or troubleshooting at 1-855-994-3832, Monday to Saturday, 10:00AM to 7:00PM EST.

This warranty applies only under conditions of normal use. Our products are not intended for outdoor use.

There are no consumer serviceable parts contained in this product and any attempt by the owner to service or repair the unit will immediately void all warranty coverage.

This warranty does not cover any product which has been subject to damage due to an act of nature, misuse, neglect, accident, abuse, commercial use, or modification of, or to, any part of the product, including the antenna. Damage to any external media such as Cassettes & CD discs, and/or USB or other memory devices are not covered nor is the cost incurred in shipping the unit for warranty repair or exchange. Under no circumstances shall ETEC be liable for any loss (direct, indirect, incidental, foreseen, unforeseen, special or consequential) or for any damage arising out of, or in connection with, the use of this product.

## **UNDER NO CIRCUMSTANCES WILL ETEC BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

This warranty does not cover re-manufactured, refurbished, or repaired units, or any products sold 'As Is'.

This warranty is valid only to the original purchaser of the Product in the United States and Canada and grants specific legal rights.

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