



Turntable with Cassette, CD Player and Recorder, USB Record to PC

€-6880



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IMPORTANT SAFETY INSTRUCTIONS

FOR AUDIO PRODUCTS

READ THOROUGHLY!

When using electrical products, basic precautions should always be followed including:

- 1. Read Instructions** - All the safety and operating instructions should be read before the product is operated.
 - 2. Retain Instructions** - The safety and operating instructions should be retained for future reference.
 - 3. Heed Instructions** - All warnings on the product and in the operating instructions should be adhered to.
 - 4. Follow Instructions** - All operating and user instructions should be followed.
 - 5. Cleaning** - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
 - 6. Attachments** - Do not use attachments not recommended by the product manufacturer as they may be hazardous.
 - 7. Water and Moisture** - Do not use this product near water-for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, Etc.
 - 8. Accessories** - Do not place this product on an unsteady surface. The product may fall, causing serious injury to a child or an adult and serious damage to the product. Use only with a stand, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
- 
- 9. Transporting** - This product should be moved with care to avoid damage or injury.
 - 10. Ventilation** - Slots and openings in the cabinet 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 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.

- 11. Power Sources** - 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 product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operation instructions.
- 12. Power - Cord Protection** - Power-supply cords should be routed so that they are not likely to be trapped in any way.
- 13. Main plug** - The main plug is used as the disconnect device. The disconnect device should remain readily accessible.
- 14. Lightning** - For added protection for this product during 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.
- 15. 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.
- 16. Overloading** - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
- 17. 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 a fire or electric shock. Never spill liquid of any kind on the product. The apparatus should not be exposed to dripping or splashing, and no object filled with liquids, such as vases, should be placed on the apparatus.
- 18. Servicing** - 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.
- 19. Damage Requiring Service** - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a. If the power-supply cord or plug is damaged.
 - b. If liquid has 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 improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.

- e. If the product has been dropped or damaged in any way, and the product exhibits a distinct change in performance-this indicates a need for service.

20. Replacement Parts - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

21. 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 operating condition.

22. Heat - The product should be situated away from heat sources such as radiators, heat registers, stoves or other products (including amplifiers) that produce heat.

PRECAUTIONS

Safety Information - Caution:

1. Use of controls and adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
2. If this product develops trouble, contact qualified service centers, and do not use the product in defective states.

Safety Precautions

WARNING:

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION

RISKS OF ELECTRIC SHOCK- DO NOT OPEN!

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. Also, do not remove the cover or back.

No user serviceable parts inside. Refer servicing to qualified service personnel.



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



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



CAUTION:

For compact disc units only: invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to laser beam.

Caution: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

BEFORE USE

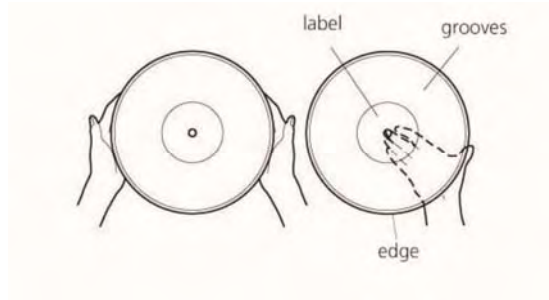
1. Before use, please remove any additional tie downs, foam, etc. that were added to make the item secure while shipment.
2. Choose unit installation location carefully. Avoid placing it in direct sunlight or close to a source of heat. Also avoid locations subject to vibrations and excessive dust, cold or moisture. Keep away from sources that hum, such as transformers or motors.
3. Do not open the cabinet as this might result in damage to the circuitry or electrical shock. If a foreign object should get into the set, contact your dealer.
4. Be sure not to handle discs with dirty fingers. Never insert a disc that has a crack on the surface.
5. When removing the power plug from the wall outlet, always pull directly on the plug, never pull the cord.
6. To keep the laser pickup clean, do not touch it, and do not forget to close the disc tray.
7. Do not attempt to clean the unit with chemical solvents as this might damage the finish. Use a clean, dry cloth.
8. In order to shut off the power to this product completely, unplug the power cord from the wall outlet. Be sure to unplug the unit if you do not intend to use it for an extended period of time, such as while on vacation.
9. Keep this manual in a safe place for future reference.

Beware of Condensation

When the player (or a compact disc) is moved from a cold to a warm place or is used after a sudden temperature change, there is a danger of condensation. Water vapor in the air could condense on the mechanism or the laser pickup. If droplets of water form on these parts, correct playback will be impossible because the laser cannot read the information from the disc correctly. To prevent this, if you are going to use the player in a condition where condensation could occur, you should leave the player for 1 or 2 hours after plugging it into an AC outlet depending on the amount of condensation. If this is done, the player will stabilize at the temperature of its surroundings.

HANDLING RECORDS

1. Do not touch the record's grooves. Only handle records by the edges or the label with clean hands. Otherwise, a dirty hand can leave a residue on the record surface that will gradually deteriorate the quality of your record.



2. Use a soft anti-static cloth to gently wipe the record surface if the record has become dirty.
3. Keep records in their “jacket” when not in use.
4. Store records upright on their edges. The level store would make it become curved.
5. Avoid placing it in direct sunlight or close to a source of heat such as radiators, stoves. Also avoid location subject to vibration and excessive dust, heat, cold or moisture.

CLEANING A RECORD

Preparation

Get all your cleaning materials ready, such as a soft lint-free cloth (included) and a record-cleaning pad (not included). If you decide on a wet-cleaning, a record-cleaning fluid (not included) is required.

To clean on the turntable

1. Lock the tone arm on the tone arm rest.
2. Wash your hands.
3. Place a record on the turntable, handling the record by edges and labeled area.
4. Dry-clean the record if it is not very dusty and has been cleaned regularly.
5. Follow the manufacturer’s instructions for applying fluid if you decide to wet clean. Be sure no fluid drips into on the turntable.

6. Manually rotate the turntable in a clockwise direction while cleaning gently into the grooves.
7. Sweep the cloth up and away and lift dust from the record surface.
8. Get rid of the dust from cloth and do it away from the turntable.
9. Repeat until you see no dust on the record.

To clean on the pad (not included)

1. Wash your hands.
2. Place the pad on a dry flat surface.
3. Place a record on the pad, handling the record by edges and labeled area.
4. Dry-clean the record if it is not very dusty and has been cleaned regularly.
5. Follow the manufacturer's instructions for applying fluid if you decide to wet clean. Be sure no fluid drips into on the turntable.
6. Gently wipe the grooves of the record in a clockwise direction.
7. Sweep the cloth up and away and lift dust from the record surface.
8. Get rid of the dust from cloth and do it away from the record and pad.
9. Repeat until you see no dust on the record.

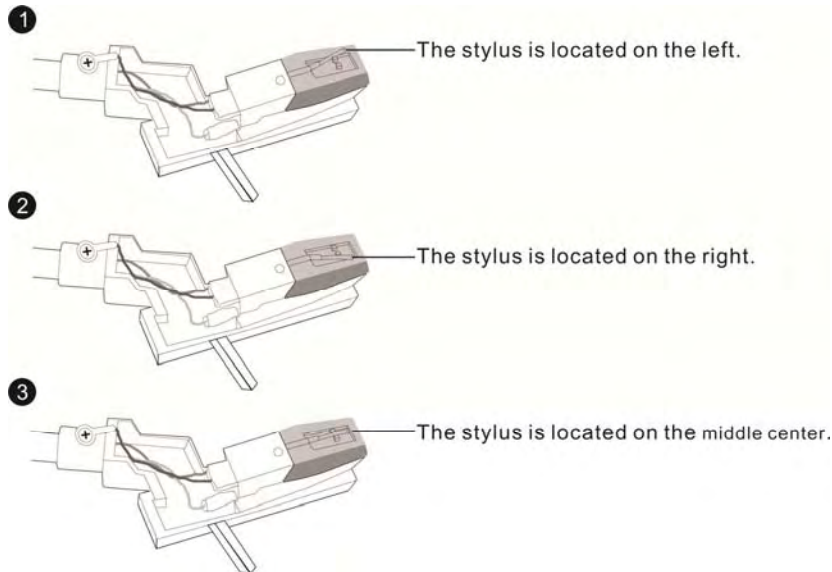
HOW TO REPLACE THE STYLUS (NEEDLE)



Caution:

Check the stylus to see if it is in the middle center.

NOTE: Follow third photo which is correct.



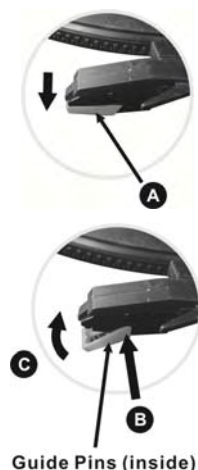
- Do not remove or bend the stylus.
- Do not touch the needle as it could injure your hand.
- Don't let the stylus touch the turning turntable when there is no record.
- Turn off the unit's power before you replace the stylus.

Removing old stylus

1. Set a screwdriver at the tip of the stylus and push down in the direction "A".
2. Remove the stylus by pulling it forward and down.

Installing a new stylus

1. Hold the tip of the stylus and insert the other edge by pressing in the direction "B".
2. Push up the direction "C" until it locks at the tip.



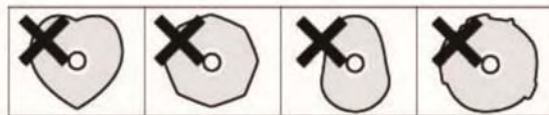
DISCS



- Depending on the quality of the disc and the condition of the recording, some CD-R/CD-RW disc may not be playable.
- Always place the disc on the disc tray with the label facing upward. (Compact discs can be played or recorded only on one side)
- To move a disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges.



- If the disc becomes dirty, wipe the surface from the center hole outward towards the outer edge with a soft, dry cloth.
- Never use such chemicals as record spray, antistatic sprays or fluid, benzine or thinner to clean the discs. Such chemicals will do irreparable damage to the disc's plastic surface.
- Discs should be returned to their cases after use to avoid dust and scratches that could cause the laser pick up "skip".
- Do not expose discs to direct sunlight or high humidity and temperature for extend periods. Long exposure to high temperatures will warp the disc.
- Printable CD-R and CD-RW discs are not recommended, as the label side might be sticky and damage the unit.
- Use a soft oil-based felt-tipped pen to write the information on the label side. Never use a ball-point or hard-tipped pen, as this may cause damage to the recorded side.
- Do not use CDs with an irregular shape (octagonal, heart shaped, business card size, etc). CDs of this sort can damage the unit.
- If you have any doubts of using CD-R/CD-RW disc, read the precautions supplied with the disc, or contact the disc manufacture directly.

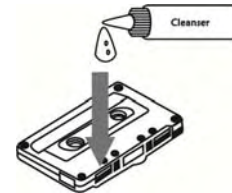


TAPE HEADS MAINTENANCE

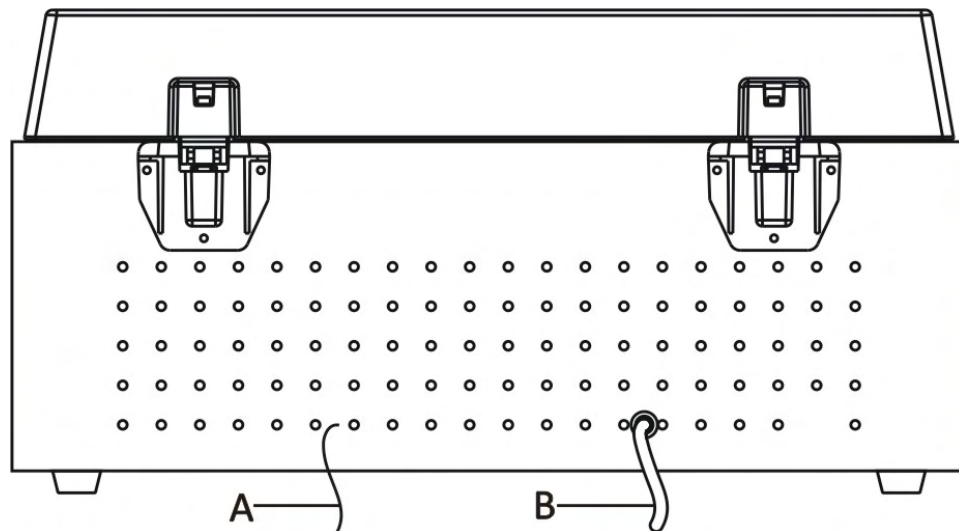
When the sound is distorted or faint, use a special cleaning tape to clean the oxides and dust deposition thoroughly to maintain smooth head and extend its life.

Steps:

1. Drop the cleanser on the cotton film in the tape.
(See the right illustration.)
2. Load the cleaning tape into the cassette slot (located on the side of the unit). Cleaning will automatically begin. Take the cleaning tape out 20 seconds later.
3. When the oxides and dust deposit on the cotton film, you can replace the cotton film by a tweezers.



CONNECTIONS



Caution:

- Switch off the power of all equipments before making connections.
- Read the instructions of each component you intend to use with this unit.
- Be sure to insert each plug securely. To prevent hum and noise, avoid bundling the signal interconnection cables together with the AC power cord.

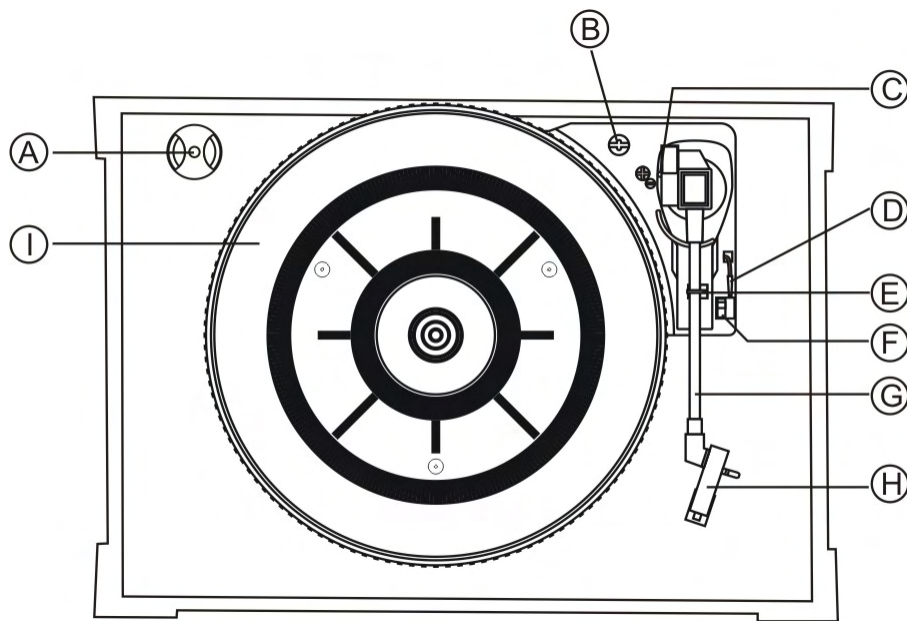
A FM Antenna

While in FM mode, tune in an FM station and extend the lead to find the best position for the reception. This antenna may need to be repositioned if you move your unit to a new location.

B AC Power Cord

Plug this power cord into an AC wall socket.

PARTS OF THE TURNTABLE



A 45 RPM adaptor

B Screw fixing the turntable for transportation

- When you transport the unit, turn the screw counterclockwise to secure the turntable.



- Before use, turn the screw clockwise with a coin or screwdriver.



C Return indicator

The indicator will light up when the tone arm return to the tone arm rest.

D Cue-level

Use this lever to lift and lower the tone arm.

E Tone arm rest

F Speed selector

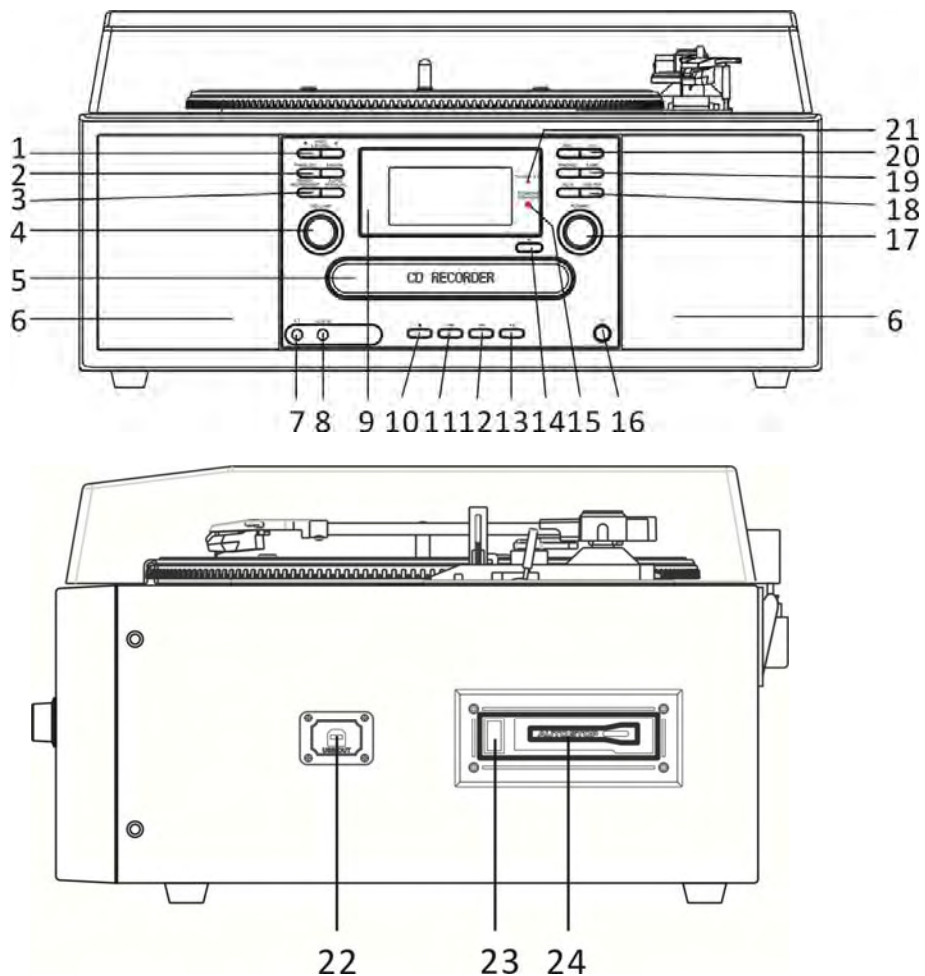
G Tone arm

Before use, completely loosen the tone arm holder.

H Stylus

I Turntable

UNIT FUNCTIONS



- 1 REC LEVEL - button/REC LEVEL +button
In record pause mode, use these buttons to adjust the recording level.
- 2 FINALIZE button/ERASE button
Use FINALIZE button to finalize a CD-R/CD-RW disc.
Use ERASE button to erase or unfinalize a CD-RW disc.
- 3 TRACK INCREMENT button/AUTO/MANUAL button
During recording, use TRACK INCREMENT button to divide tracks.
Use AUTO/MANUAL button to select the mode of track number assignment.
- 4 VOLUME
Turn this knob to adjust the volume.
- 5 DISC Tray
- 6 SPEAKERS
- 7 PHONE jack
For private listening, first reduce the volume level to minimum.

Then insert the plug of your headphones into the PHONES jack, and adjust the volume by turning the VOLUME knob. The sound from speakers will be cut off while the headphones are plugged in.

8 AUX IN Jack

Use the AUX IN Jack to listen to the external source.

9 Display

10 STOP

Use this button to stop playback or recording.

11 Fast reverse 

Press the F.R button once to go back to the start of the current track. Press the F.R button twice to go back to the start of the previous track.

12 Fast forward 

Press the F.F button once to go the start of the next track.

13 PLAY/PAUSE 

Use this button to start playback/pause recording, finalizing and erasing.

14 OPEN/CLOSE 

In CD, PHONO or AUX mode, use this button to open and close the disc tray.

This button doesn't work in FM or AM mode.

15 Remote Sensor

When operating the remote control unit, point it towards the REMOTE SENSOR.

16 POWER

Press this button to turn the unit on or off.

NOTE: If you experience a malfunction during operation, you may power off the unit and re-start.

17 TUNING

In FM or AM mode, turn this knob to tune in a station.

18 AUX button/AM/FM button

Press the AUX button and select AUX to listen to the external source connected to the AUX IN jack.

Press the AM/FM button once or twice to select AM or FM band.

19 PHONO button/ TAPE button

Press the PHONO button and select PHONO to play a record.

Press the TAPE button to play the cassette.

20 REC button/CD button

Use this button to enter record pause mode.

Press the CD button to play a CD.

21 TUNED/ST indicator

It lights green when a station is correctly tuned in or when the reception is strong.

It lights red when the reception is poor.

It lights orange when a station is found but not properly tuned in.

22 USB OUT jack

23 CASSETTE EJECT/FAST FORWARD

Press the CASSETTE EJECT/FAST FORWARD button half-way to Fast Forward the Tape. Press button lightly and playback will resume. Press button all the way to end playback and eject Tape.

24 CASSETTE DECK

REMOTE CONTROL UNIT

Remote Control Unit can operate the unit from a distance.

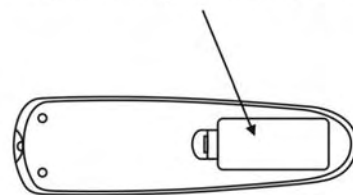
When operating the remote control unit, point it towards the front panel of the unit.

- Even if the remote control unit is operated within the effective range, remote control operation may be impossible if there are any obstacles between the unit and the remote control.
- If the remote control unit is operated near other appliances which generate infrared rays, or if other remote control devices using infrared rays are used near the unit, it may operate incorrectly. Conversely, the other appliances may operate incorrectly.

BATTERY INSTALLATION

1. Remove the battery compartment cover.
2. Insert two “AAA” batteries. Make sure that the batteries are inserted with their positive “+” and negative “-” positioned correctly.
3. Close the cover.

battery compartment cover



Battery Replacement

If the distance required between the remote control unit and main unit decreases, the batteries are exhausted. In this case, please replace the batteries with new ones.

Precautions concerning batteries

- Be sure to insert the batteries with correct positive + and negative - polarities.
- Use batteries of the same type, never use different types of batteries together.
- Rechargeable and non-re-chargeable batteries can be used. Refer to the precautions on their labels.
- When the remote control unit is not to be used for a long time (more than a month), remove the batteries from the remote control unit to prevent them from leaking. If they leak, wipe away the liquid inside the battery compartment and replace the batteries with new ones.

- Do not heat or disassemble batteries and never dispose of old batteries by throwing them in a fire.

REMOTE CONTROL

A. OPEN/CLOSE

In CD, PHONO or AUX mode, use this button to open and close the disc tray. This button does not work in FM/AM mode.

B. CD

Press the CD button to play a CD.

C. REPEAT

In CD mode, use this button to select a repeat Mode of CD.

D. PROGRAM

In CD mode, use this button to program tracks.

E. SHUFFLE

In CD mode, use this button for shuffle playback.

F. DISPLAY

In CD mode, use this button to change the display.

G. TRACK INCREMENT

During recording, use this button to divide tracks.

H. MANUAL/AUTOINCREMENT

Use this button to select the mode of track number assignment.

I. Record

Use this button to record CD.

J. REC VOL+/REC VOL -

Use these buttons to adjust the record volume.

K. FINALIZE

Use this button to finalize a CD-R/CD-RW disc.

L. ERASE

Use this button to erase a CD-RW disc.

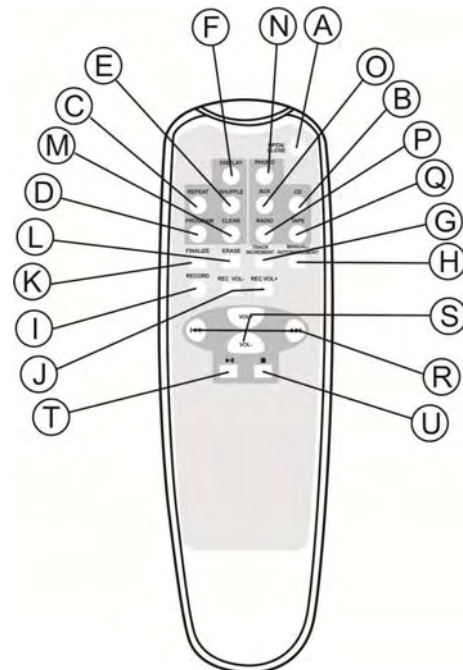
M. Clear

In CD mode, use this button to clear programmed tracks.

N. PHONO

Press the PHONO button and select PHONO to play a record.

O. AUX



Press the AUX button and select AUX to listen to the external source connected to the AUX IN jack.

P. Radio

Press the Radio button once or twice to listen to AM or FM.

Q. TAPE

Press the TAPE button to play a cassette.

R. MUSIC SKIP (◀◀ / ▶▶)

In CD mode, use these buttons to skip tracks. Hold down these buttons to search for a part of a track.

S. VOL+/VOL-

Use these buttons to adjust the volume.

T. PLAY/PAUSE

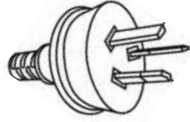
Use this button to play/pause recording, finalizing and erasing.

U. STOP

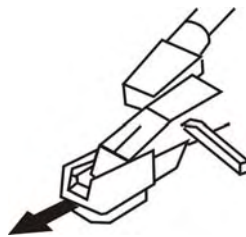
Use this button to stop playback or recording.

PREPARATION FOR USE

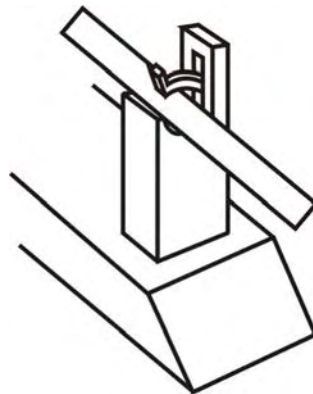
1. Connect the AC power cord to AC outlet.



2. Remove white protective needle cover by gently pulling towards front of unit. Put on the cover when the unit is not in use to protect the stylus (needle).

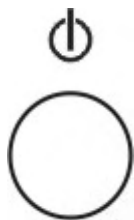


3. Release TONE ARM by gently pushing hold-down clip to the right. This will unlock tone arm from its arm rest. Re-lock the hold-down clip if move the unit to another location.



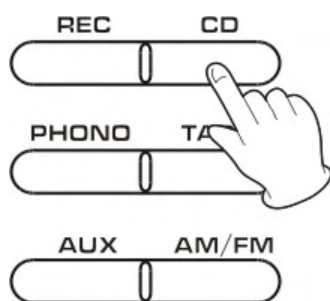
BASIC OPERATION

1. Press the POWER switch to turn the unit on.



Wait until the “---busy” disappears on the display before going to next step.

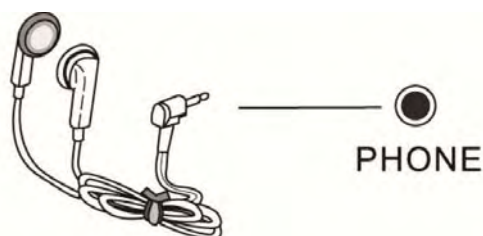
2. Select the source by pressing the corresponding button.



3. Rotate the VOLUME knob clockwise to adjust the desired sound level.



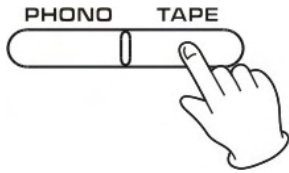
4. Listening through Earphones/Headphones. (Not included).



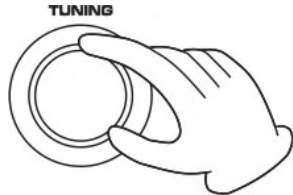
The sound from all speakers is cut off.

LISTENING TO THE RADIO

1. Select AM or FM using the AM/FM button.



2. Tune to the desired frequency.



The volume reading is 00-32 but no sound is heard until 18, the volume will change along with the number.

The TUNED/ST. indicator has 3 colors:

- Green: It indicates the station is correctly tuned in or the reception is strong.
- Red: It indicates the reception is poor.
- Orange: It indicates the station is found but not properly tuned in.

If the reception is poor

AM broadcast: The AM antenna is internal, turn around the unit to find the best position for AM stations.

FM broadcast: Extend and turn around the FM antenna so that you can receive the station clearly.

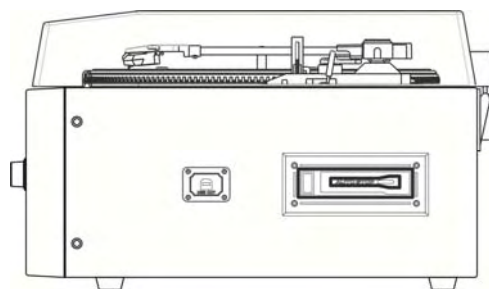
AUX IN OPERATION

An external (auxiliary) audio source (i.e., personal CD player or MP3 player) can be connected to this unit and heard through the speakers.

1. Plug one end of the AUX cable (included) into the AUX IN socket on the front of the unit.
2. Plug the other end of the cable into the headphone or Line Out socket of the external source.
3. Press the AUX button to switch to AUX-IN function.
4. Turn on the external audio device (such as your MP3 player) and press PLAY to start playing the music.
5. Adjust volume level.

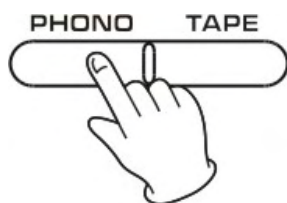
LISTENING TO TAPE

1. Press TAPE button.
2. Load Cassette Tape into the unit (located on side of the unit). Playback will automatically begin.
3. Press CASSETTE EJECT/FAST FORWARD button halfway to Fast Forward the Tape. Press button lightly and playback will resume.
4. Press CASSETTE EJECT/FAST FORWARD button all the way to end playback and eject Tape.

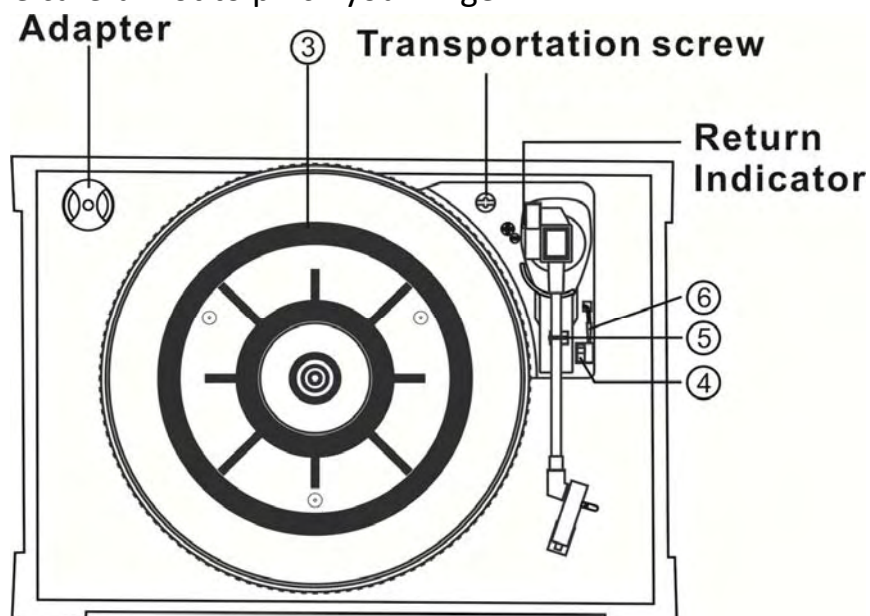


LISTENING TO A RECORD

1. Press the PHONO button once to select PHONO.



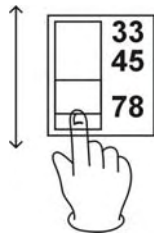
2. Gently open the dust cover.
Be careful not to pinch your finger.



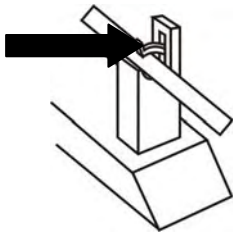
3. Put a record on the turntable.

When playing a 45 RPM record, use the included adaptor.

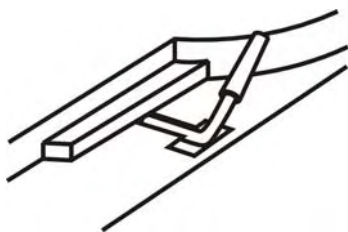
4. Select the speed.



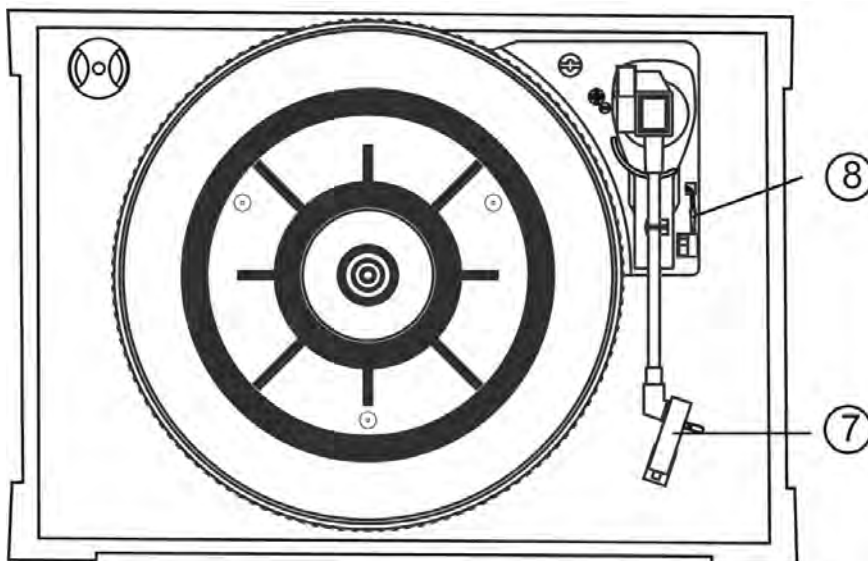
5. Gently push the clamber to the right to release the tone arm.



6. Raise the cue lever to lift the tone arm off the tone arm rest.

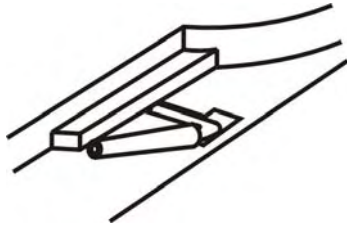


7. Move the tone arm gently to the edge of the record (or the starting point of a track) and the turntable will begin to turn.



8. Gently lower the tone arm by slowly releasing the cue lever.
You can lower the tone arm manually if the cue lever has not been

raised.



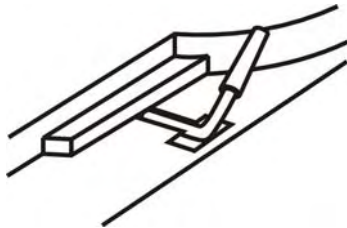
Playing records with the dust cover down will prevent dust from setting on the turntable.

Please **do not** place anything on top of the turntable cover, especially while playing a record.

When the record reaches its end, the tone arm automatically returns to the tone arm rest, at the same time, the return indicator will light up and the rotation stops.

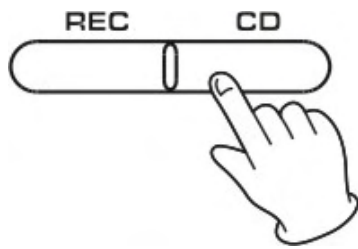
NOTE: It will be put off approximately 20 seconds to return to the tone arm rest when playing at 78 RPM.

To stop playback manually, slightly lift the tone arm using the cue lever and return it to the tone arm rest.

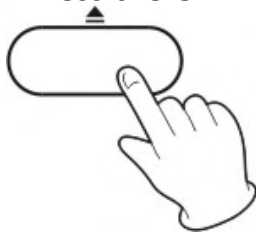


LISTENING TO A CD

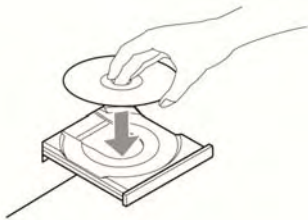
1. Press the CD button.



2. Press the OPEN/CLOSE button.

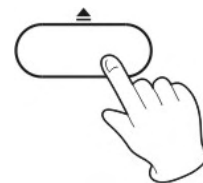


3. Place a disc on the tray with the printed label face up.

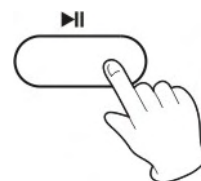


- Never place more than one disc on the tray.
- The disc must be placed in the center of the disc tray. If the disc is not correctly loaded, it may not be possible to open the tray again once it has closed, so you should ensure the disc is always centered on the tray.
- Do not force the tray by hand during opening and closing operations.

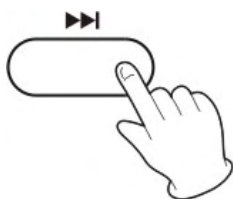
4. Press the OPEN/CLOSE button to close the tray.



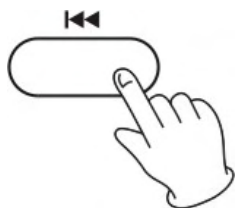
5. Press the Play/Pause button to play CD.



6. Press the forward button once to go the start of the next track.



7. Press the backward button once to go back to the start of the current track. Press the backward button twice to go back to the start of the previous track.



Fast backward and Fast Forward

You can reverse or forward to any point in a selected track by pushing and holding the fast backward or fast forward button.

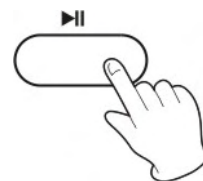
NOTE: Do not push both buttons together as this may damage the unit.

As the unit is tracking quickly, forward or backward, you will hear your selection playing at a distorted speed. Simply release the depressed button to continue playing at normal speed at the desired position in the selected track.

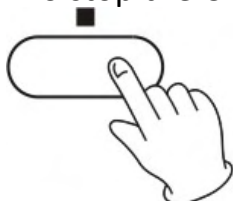
8. To pause the CD playing.

Pressing the PLAY/PAUSE button will restart the CD where it was paused.

Do not switch the unit off while playing a CD as this will damage the unit.

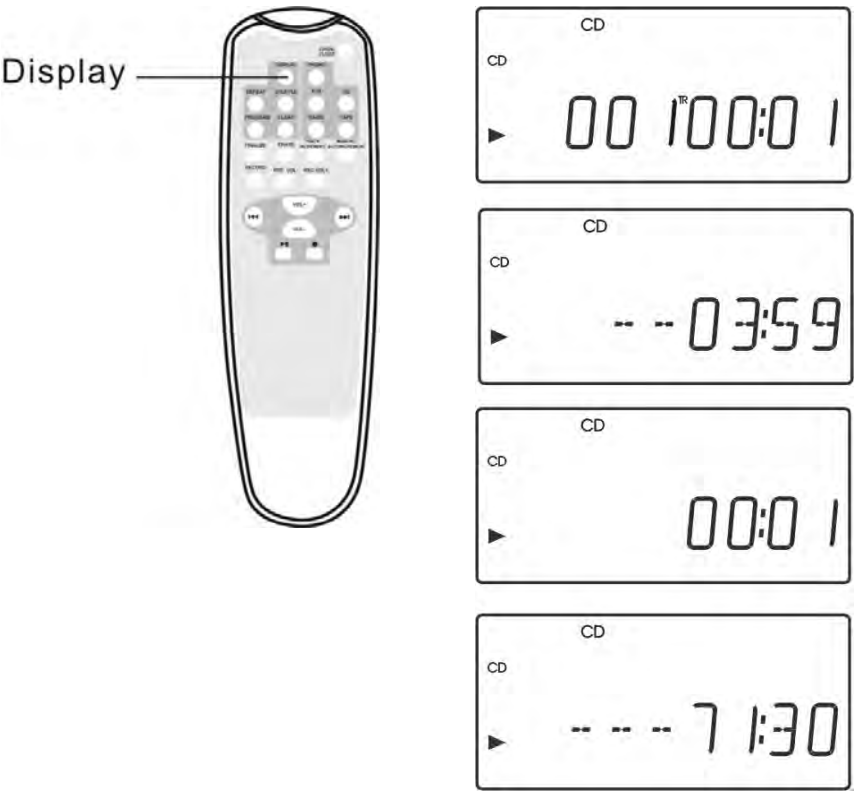


9. To stop the CD playing.



DISPLAY

You may view the playback time by pressing the DISPLAY button on the remote control unit, and then the display changes per each press as follows:



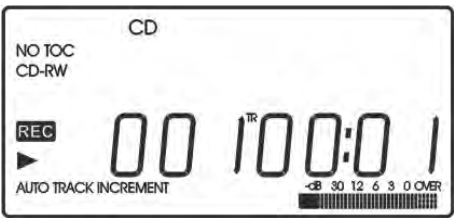
Unfinalized CD-R, stopped



Unfinalized CD-RW, stopped

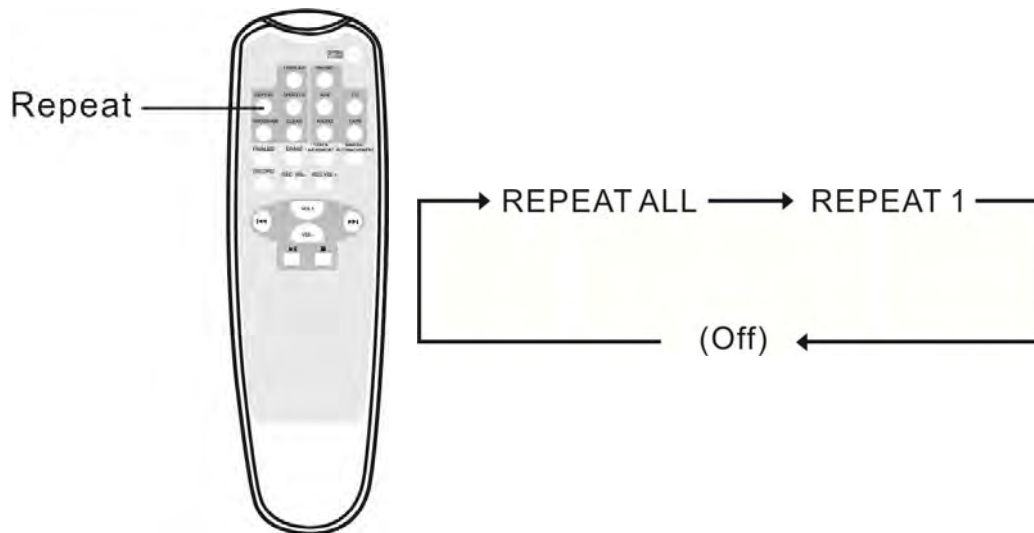


During recording



REPEAT PLAYBACK

Press the REPEAT button on the remote control unit, the repeat playback mode cycles as follows:



REPEAT ALL (Repeat ALL the Tracks)

Press the REPEAT button once during playback.
All the tracks of the disc will be played repeatedly.

REPEAT 1(Repeat one track)

Press the REPEAT button a second time during playback.
The current track will be played repeatedly. If you press the MUSIC SKIP button and select another track, the track you select will be played repeatedly.

It is also possible to select a track to be repeated in the stop mode. Press the REPEAT button a second time and then select the track number by pressing the MUSIC SKIP button. Press the PLAY button to start playback.

- If one of the following buttons is pressed, repeat mode will be cancelled:
OPEN/CLOSE, FM/AM, PHONO, AUX
- Repeat playback works with finalized discs only.

SHUFFLE PLAYBACK



The tracks can be played randomly. Press the SHUFFLE button during playback. (Or in the stop mode, press the SHUFFLE button and then PLAY button.)

When the SHUFFLE playback of all the tracks has been finished, the unit stops and the shuffle playback mode will be cancelled.

- If you press the (►►) button during shuffle playback, next track will be randomly selected and played. If you press the (◀◀) button, the currently played track will be played from the beginning. A track cannot be repeated during shuffle playback.
- Shuffle playback doesn't work during programmed playback.
- If one of the following buttons is pressed, shuffle mode will be cancelled:
SHUFFLE in the stop mode, OPEN/CLOSE, FM/AM, PHONO, AUX
- Shuffle playback works with finalized discs only.

PROGRAMMED PLAYBACK

You can program up to 32 tracks in the desired order.

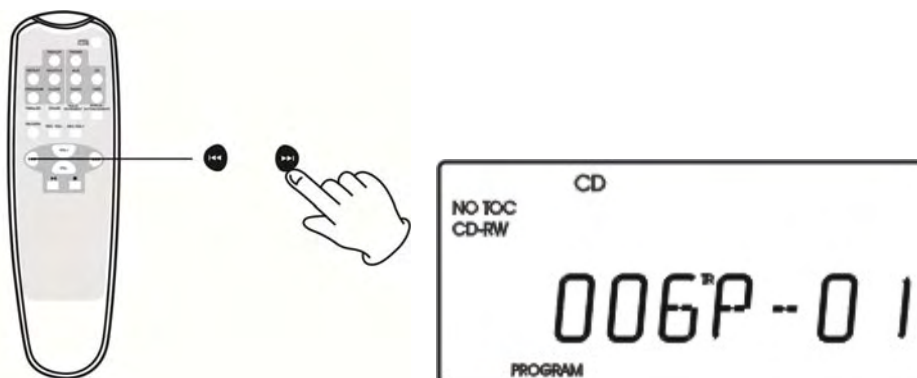
- Insert a disc and select CD before beginning programming.
- Shuffle playback does not work during programmed playback.
- Programmed playback works with finalized discs only.

1. Press the PROGRAM button in the stop mode.

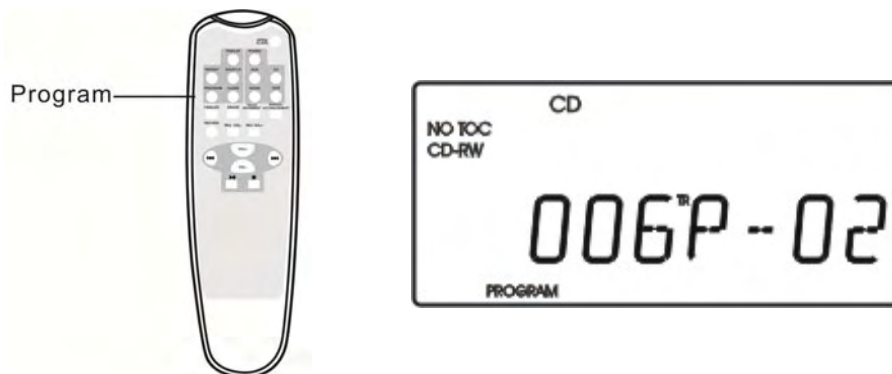


PROGRAM indicator blinks, and P-01 appears on the display.

2. Press the MUSIC SKIP button (⏮ or ⏭) to select a track.



3 Press the PROGRAM button.



The track is programmed, and “P-02” is display.

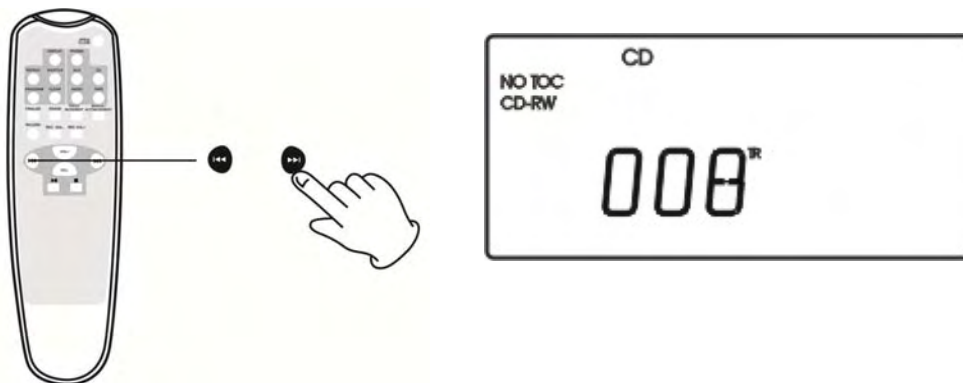
Repeat step 2 and 3 to program more tracks.

- You can program up to 32 tracks.
- To cancel the program mode, press the STOP button (■).

4. When the selection of track numbers has been finished, press the PLAY button (►||) to start program playback.

To check the programmed order

In the stop mode, press the MUSIC SKIP button repeatedly to show the track numbers that have been stored in memory.



To add a track to the end of the program

In the stop mode, press the PROGRAM button.

Select a track number by pressing the MUSIC SKIP button, and then press the PROGRAM button.

The track is added to the end of the program.

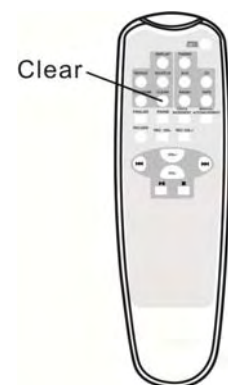
To delete the last track from the program

In the stop mode, press the CLEAR button to delete the last track from the program.

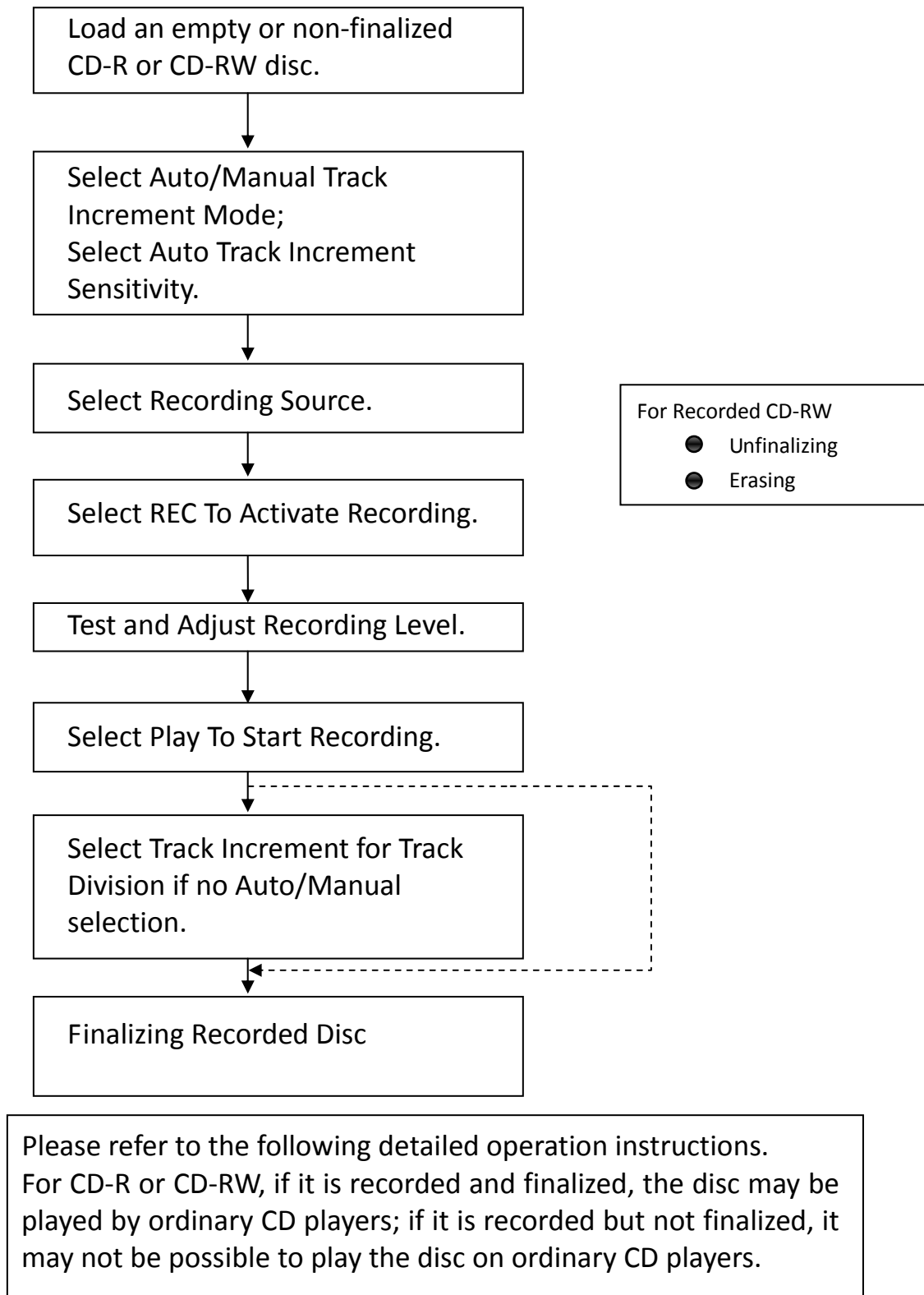
To clear the program

If one of the following buttons is pressed, the programmed contents will be cleared:

OPEN/CLOSE, FM/AM, PHONO, AUX, STOP in the stop mode



RECORDING OPERATION STEPS



RECORDING

About CD-R and CD-RW discs

- RECORD AND ERASE FEATURES:

Only CD-RW discs can be recorded and erased for many times.

A CD-R disc can be recorded only once. As soon as they have been recorded or finalized, they cannot be erased or re-recorded. However, if space is available on the disc before finalized, additional material can still be recorded.

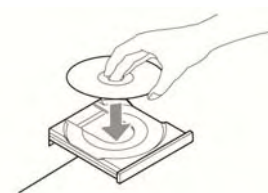
- COMPATIBILITY

A CD-R disc can be played on most audio CD players.

However, certain CD-RW discs may not be compatible with some audio CD-players.

Audio from the PHONO, TAPE or AUX sources can be recorded on the CD recorder.

1. Press the OPEN/CLOSE button (▲), place a recordable disc on the disc tray with the printed label facing up, and then press the OPEN/CLOSE button (▲) to close the disc tray.



The display will show “Busy CD” and the disc is reading, waiting until the reading is complete before going to next step.

NOTE: Make sure “NO TOC” and “CD-R” (or “CD-RW”) indicators lights on the display. Otherwise the RECORD function will not work.

2. Select the mode of track number assignment.

A.TRACK INCREMENT

The unit will end the current recording and record onto the next track when you press the TRACK INCREMENT button even the current track has not been finished recording.



B. Auto/Manual mode

AUTO: The sequence of record tracks and sound source is identical, i.e., record or AUX.

If you are busy, select AUTO division assignment mode with AUTO MANUAL button.



MANUAL: The sequence of record tracks and sound source is inconsistent. All tracks will be recorded into one track. You can only divide tracks by TRACK INCREMENT button.



Please note: Be sure "AUTO TRACK" shows on the display when Auto Manual is selected (as in illustration on the right).

*For best sound effects, use MANUAL mode for cassette tapes, classical music, or any other style of music where the division of songs may not be definite.

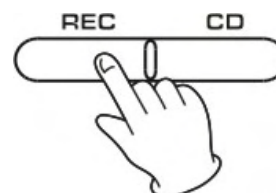
3. Select recording source.

- To record a record, select PHONO
- To record from an external source, press the AUX button and connect the cable to the AUX IN jack.
- To record the cassette tape

Press the TAPE button, load a Cassette Tape partially into the unit (located on side of the unit), the tape will begin playing when fully inserted.

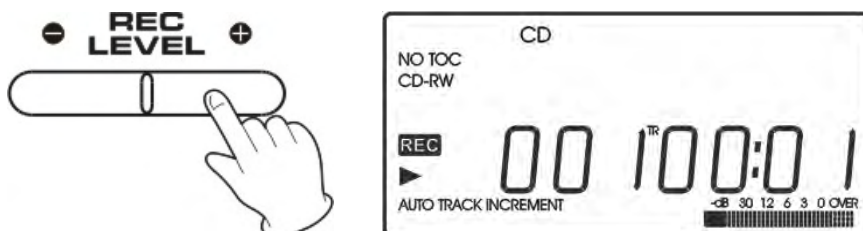
4. Press the RECORD button, REC and (||) will appear on the display.

- No button will work while "busy" is displayed.

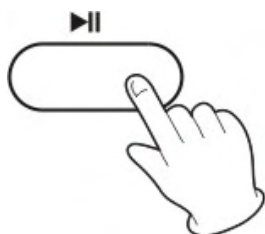


Wait a few seconds until “busy” disappear from the display.

5. If necessary, adjust the recording level using the REC LEVEL buttons, the display will show from -70 to 00 to +7.



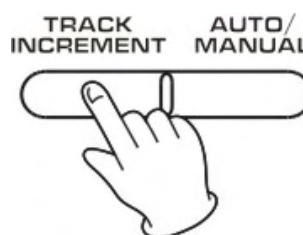
6. Press the PLAY/ PAUSE (►||) button to start recording.



7. Manual track division

It is possible to divide the recording into tracks while recording.

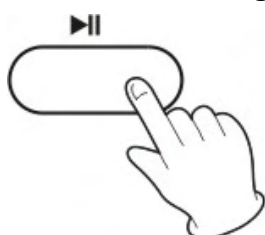
While recording is taking place, press the TRACK INCREMENT button. The current track Number will be incremented by one.



The TRACK INCREMENT button works regardless of the MANUAL/AUTO REC setting.

8. To suspend recording temporarily (pause mode) (necessary when turning the record or tape over)

- Press the PLAY/PAUSE button (►||). “busy” briefly appears on the display, and the recording is paused.
- To restart recording, press the PLAY/PAUSE button (►||).



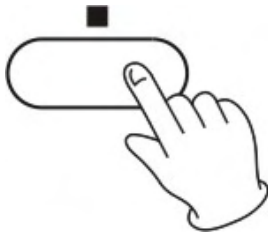
You cannot restart recording while busy is displayed.

Remember that every time the recording is paused or stopped, a new track number will always be assigned. It is not possible to record in two stages within one track.

9. To stop recording

Press the STOP button (■) to stop recording.

The display will show “Busy”, after the “Busy” is disappeared, then press CD button, the display will show the record track time.



FINALIZING

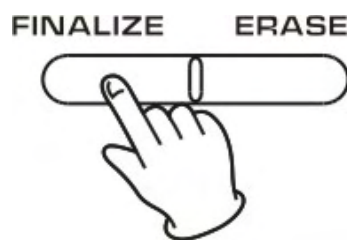
In order for a disc to become a standard CD, it must have a Table of Contents (TOC) written to it. This process is known as finalizing.

THE CD MUST BE FINALIZED.

1. Press the FINALIZE button in the stop mode.

“FINALIZE” appears on the display.

- To cancel the finalizing process, press the STOP button (■).



2. Press the PLAY (►||) button to start finalizing.

The display will show “--- Busy” during finalize, wait until the busy disappear to complete the finalizing.

The finalizing time is subject to the contents of record, it may take few minutes in some case.

When the operation has been finished, the NO TOC indicator turns off and the display returns to the track/time display.

During finalizing, no button works.

Never turn the power off nor unplug the power cord.

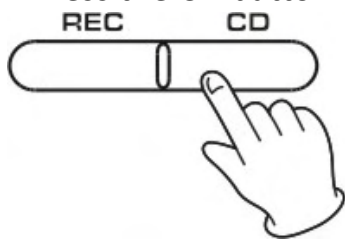
- Although finalized CD-R discs may be played on ordinary CD players, remember that finalized CD-RW disc may not play on ordinary CD players.
- Finalization of disk in CD/TAPE/PHONO/AUX modes
- Disk popping out after finalization is done.

ERASE OR UNFINALIZE A CD-RW

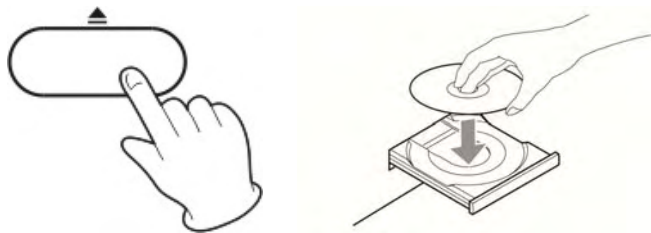
It is possible to erase the last recorded track, it is also possible to erase a whole disc.

Erase procedures are possible only on an unfinalized CD-RW disc. If a CD-RW disc has been finalized, unfinalize it prior to erasure. Remember that it is not possible to perform any Erase or unfinalize procedures on a CD-R disc.

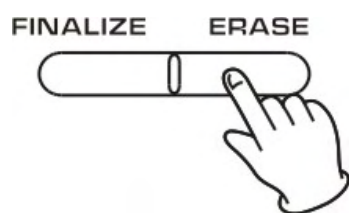
1. Press the CD button to select CD.



2. Load a recorded CD-RW.



3. Press the ERASE button in the stop mode.



“—Busy” (unfinalize) appears when a finalized disc is loaded.

- (1) Wait until “Busy” disappears on the display.
- (2) Press the ERASE button, “ERASE” will appear on the display.
- (3) Press the (►►) button to begin erase the last track.
- (4) Repeat to press Erase button to continue the next track.

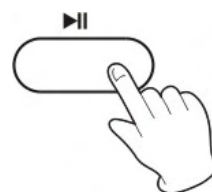
ERASE and the last track number appear when the disc hasn't been finalized. Each time the ERASE button is pressed, the display changes as follows:

ERASE and the number of the last track recorded on the disc
Select this to erase the last track on the disc.

ERASE ALL

Select this to erase all the tracks.

- (1) Press and hold the Erase button till the display show "ERASE ALL".
If you want to cancel the erasing or unfinalizing process at this point,
press the STOP button (■).
- (2) Press play (►||) button to begin the erase.
- (3) Display will show 0000000 to confirm the disc
is clear.



The remaining time for the operation appears in the display. When
the operation has been finished, the display returns to the track/time
display.

During erasing/unfinalizing, no buttons will work.
Never turn the power off nor unplug the power cord.

This operation cannot be undone. If you are going to erase a track or
tracks, make sure that they are recordings that you really want to
erase.

The copy CD-RW disc from other unit can't be erased one by one in
this unit, but can be erase all.

SOFTWARE

Audio from the PHONO, CD, TAPE, AUX and Radio can be recorded on the computer.

(Note: You may also record the AM band however the recording quality may be affected by reception and computer interference. Make sure the turntable is connected to the computer and Driver Disc is inserted.)

1. To record from a record, press PHONO button.
2. To record from CD, press CD button. Load a CD onto the disc tray and close the disc tray.
3. To record from a cassette tape, press TAPE button. Then load a cassette tape partially into the unit (located on the side of the apparatus), the tape will begin playing when fully inserted.
4. To record from an external audio source, press AUX button. Then connect the cable to the AUX IN socket on the front of the apparatus, and connect the other end into HEADPHONE or LINE OUT socket of the external device.
5. To record from FM, turn the unit on and press AM/FM button once or twice to select FM.

The provided CD disc contains the following software:

- Audacity
- USB Audio recorder

USB AUDIO RECORDER SOFTWARE

For the operating instruction, please refer to the other user manual named USB Audio Recorder.

AUDACITY SOFTWARE

The Audacity folder contains the following software:

(1)audacity-src-1.2.6----- For source codes

(2)Audacity_for_MAC-----For Macintosh

(3)Audacity_for_WIN-----For Windows

(4)AUTORUN.INF

(5)The GNU General Public License.html

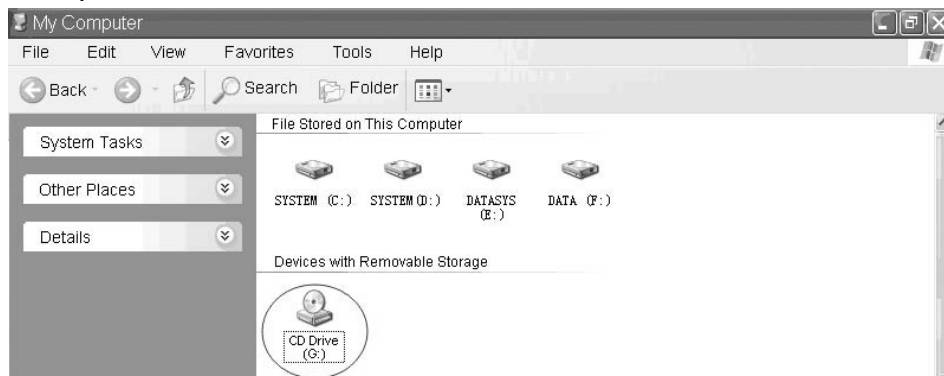
The software is compatible with Window 98, 2000, ME, XP, VISTA, 7 and Macintosh.

AUDACITY INSTALLATION AND USB CONNECTION

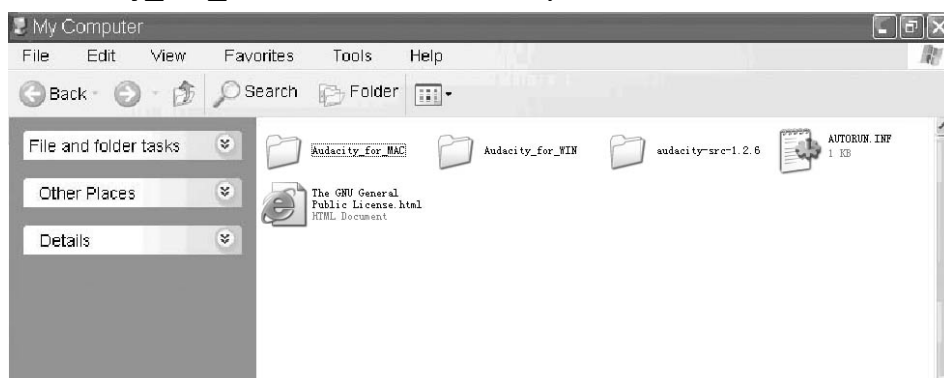
Connect the USB cable to the unit and into your computer. Connect the AC cord of unit. Press Power button to turn on the unit.

AUDACITY FORWINDOWS USERS

1. Please insert the software disk that comes with your unit. Go to My Computer and double click the CD ROM Drive.



2. Double click Audacity folder. There are five files in the Audacity folder. Select **Audacity_for_WIN** for Windows system, and select **Audacity_for_MAC** for Macintosh system.



3. Double click the **Audacity_for_WIN** for Windows system, and double click the **audacity-win-1.2.6** to install the audacity software.

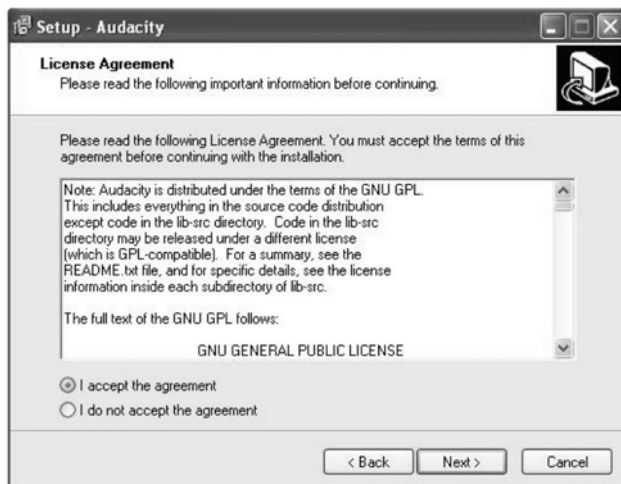


INSTALLING THE AUDACITY SOFTWARE

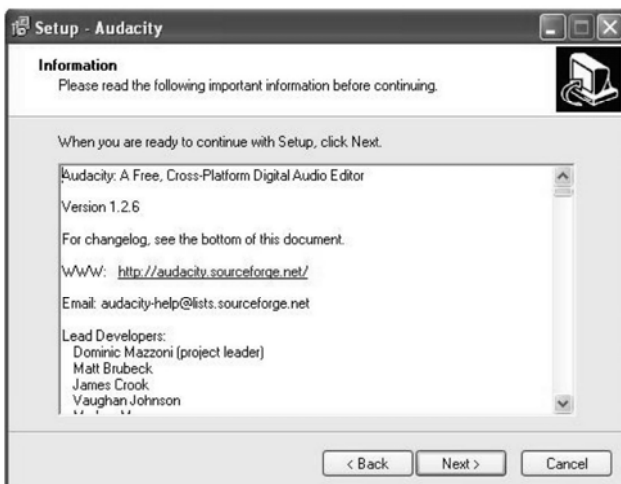
1. The Audacity Setup Wizard will appear. Click on Next to install the software.

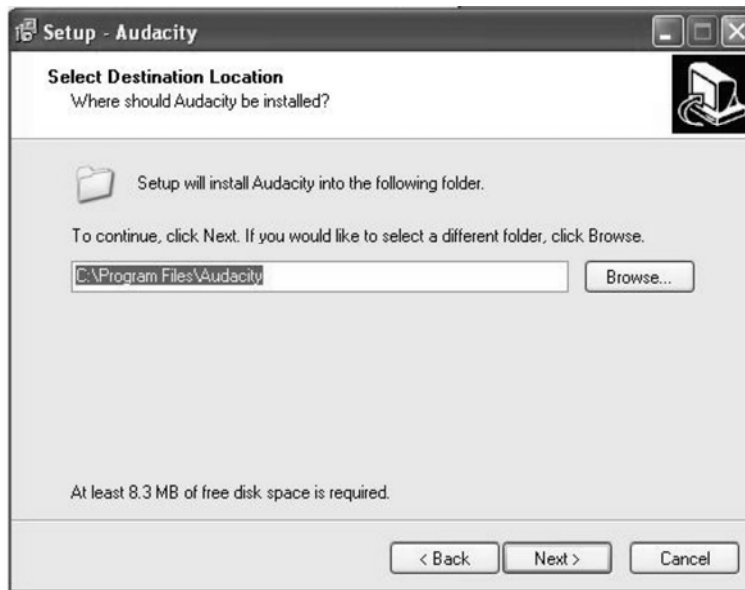


2. Click on “I accept the agreement” and click on Next.

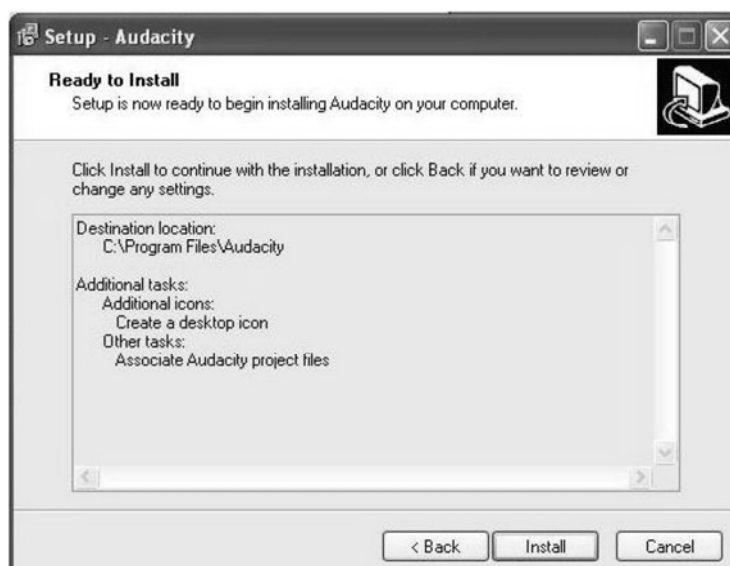


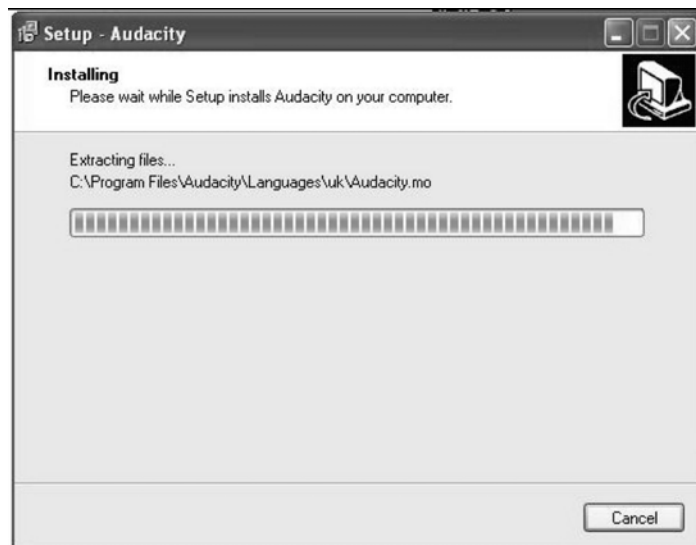
3. Continue to click on the Next button.





4. Click on the Install button to start installation.





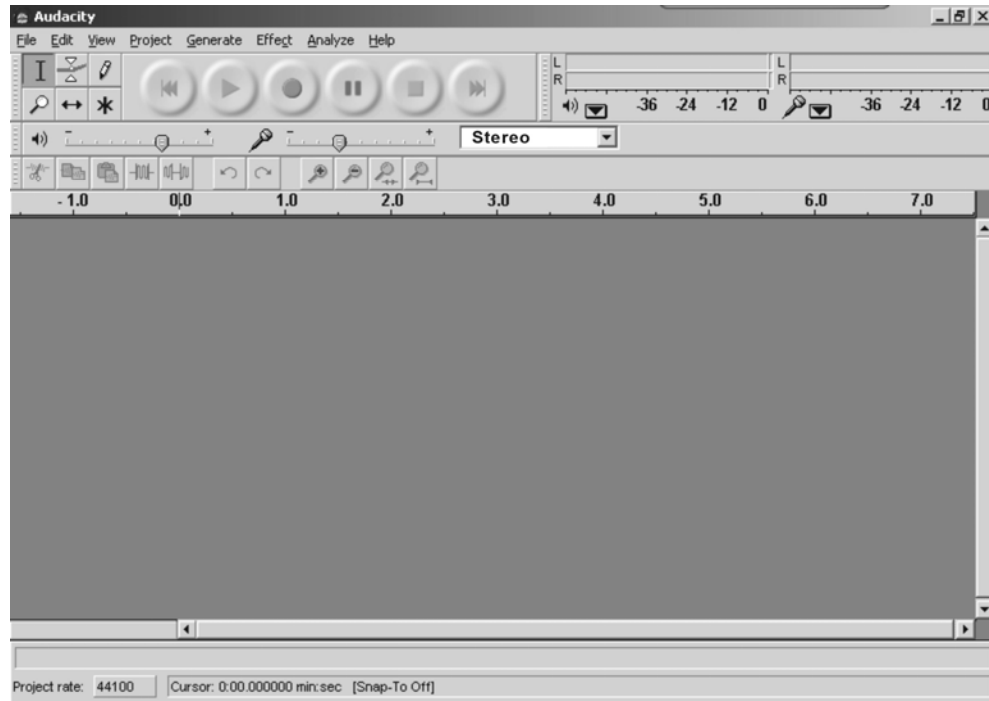
7. Click on Finish to complete installation.



8. You can now open the Audacity software and start recording your files.
NOTE: Once you set up Audacity, you do not need to re-set it with each use.
(For additional information, visit the Audacity website at <http://audacity.sourceforge.net>)

CONFIGURING AUDACITY FOR MICROSOFT WINDOWS







AUDACITY INTERFACE

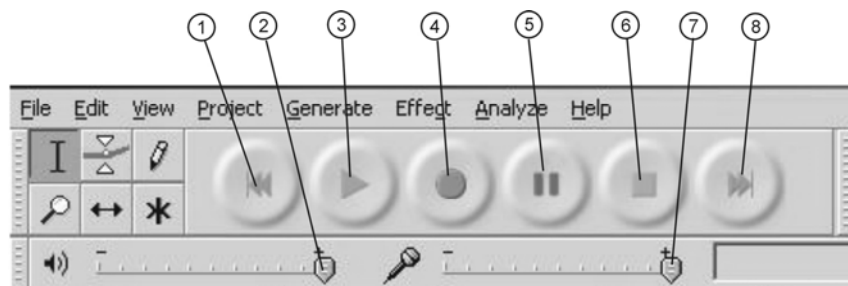


Audacity Interface---Settings and controls.

AUDACITY CONTROL BUTTONS

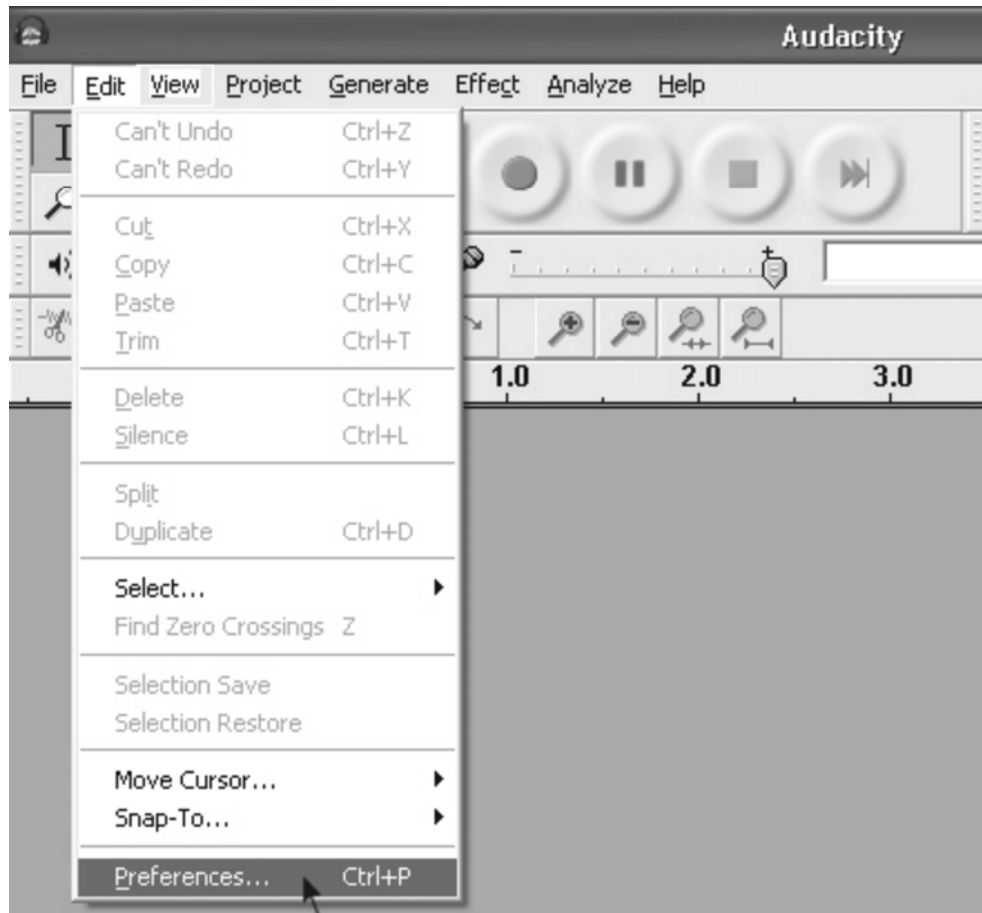
Use the attribute control buttons at the top of the screen to go to beginning, Play, Record, Pause, Stop and End. Use the File, Edit, View, Project, Generate, Effect and Analyze menus to Save, Export, and edit the music.

1. Click the () button to skip to start;
2. Adjust the output volume;
3. Click the () button to play;
4. Click the () button to record;
5. Click the () button to pause the recording;
6. Click the () button to stop the recording;
7. Adjust the input volume;
8. Click the () button to skip to end;

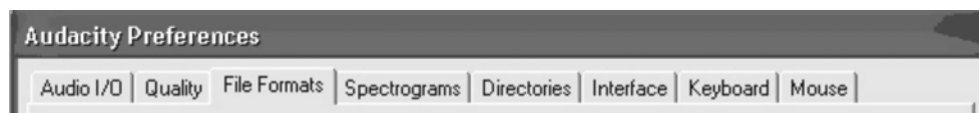


AUDACITY PREFERENCES

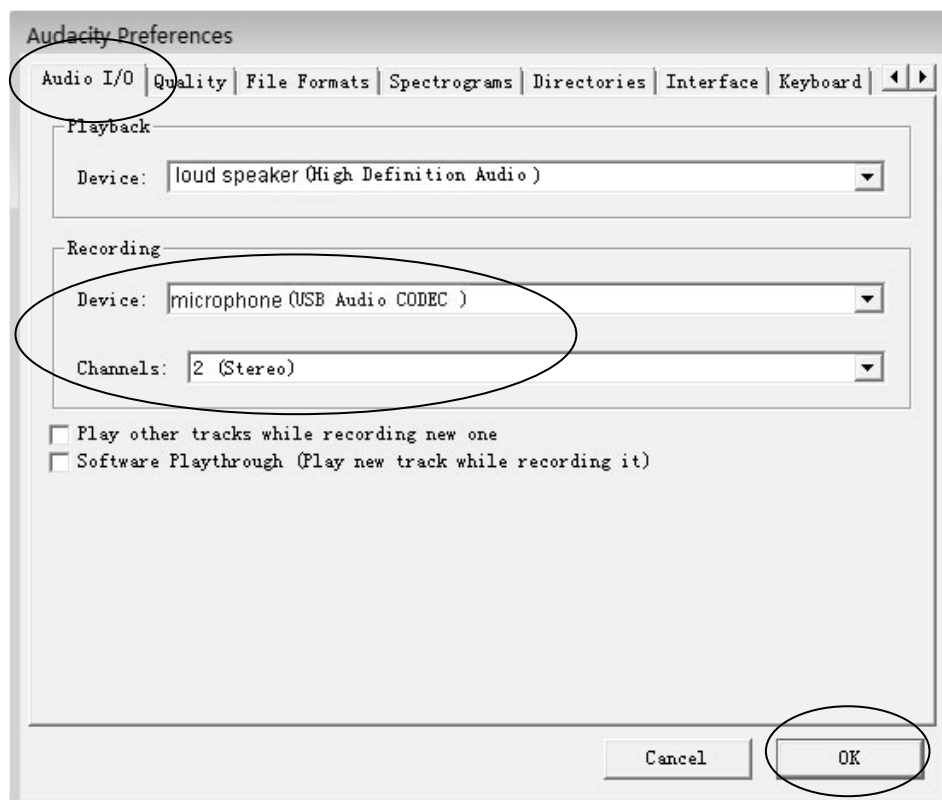
1. Click the “Edit” on the Audacity interface, select “Preferences”.



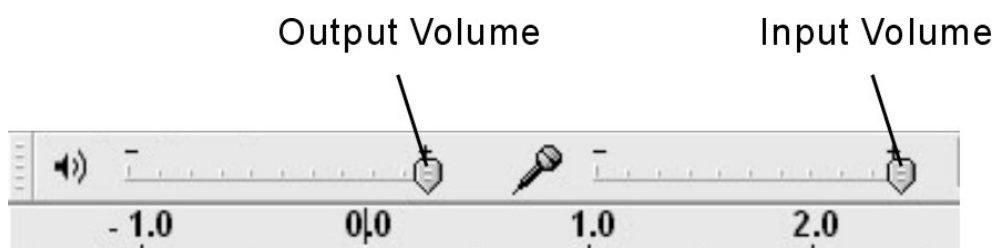
- The screen will open up Audacity Preferences. You can see the Audio I/O, Quality, File Formats, Spectrograms, Directories, Interface, Keyboard and Mouse in the Audacity preference interface.



2. Select the recording device: microphone (USB Audio CODEC)
- Click the “Audio I/O” at the Audacity Preferences interface.
 - Click the “Device” and select “microphone (USB Audio CODEC)”.
 - Click the “Channels” and select 2 (stereo).
 - Click the “OK”.
 - Note: If you couldn't find the "microphone (USB Audio CODEC)" from the Device list, close the Audacity Software and re-open then try again.



3. Adjust the output and input volume.



NOTE: Because of the variation of different operation systems, the input volume control may not work on some individual Windows versions. Windows Vista is recommended to ensure the input volume control working properly.

- For more information on setup, please see 'Setting up Audacity' on the website below:

http://wiki.audacityteam.org/index.php?title=Transferring_tapes_and_records_to_computer_or_CD

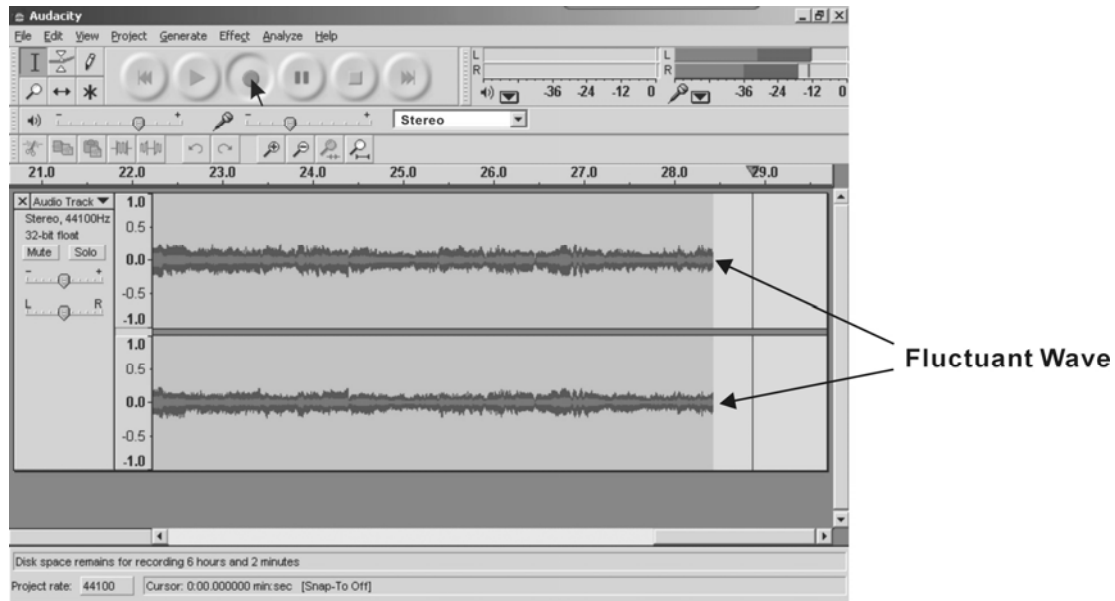
- And for any query on 'Mixer Toolbar' please see

http://wiki.audacityteam.org/index.php?title=Mixer_Toolbar_Issues

RECORDING OPERATION

To download music from PHONO to computer:

1. Place the record on the turntable.
 2. Move the tone arm over to the record to start playing.
 3. Click the Record (●) button to start recording.
- The waves (left and right tracks) will show on the interface.



4. At end of song, click “pause” (⏸) button on computer and raise the cue lever on turntable.


For the next song, replace the album or move tone arm to another desired song. Lower the cue lever on turntable to start playing the next song. Immediately press “pause” (⏸) button on computer and downloading will continue.

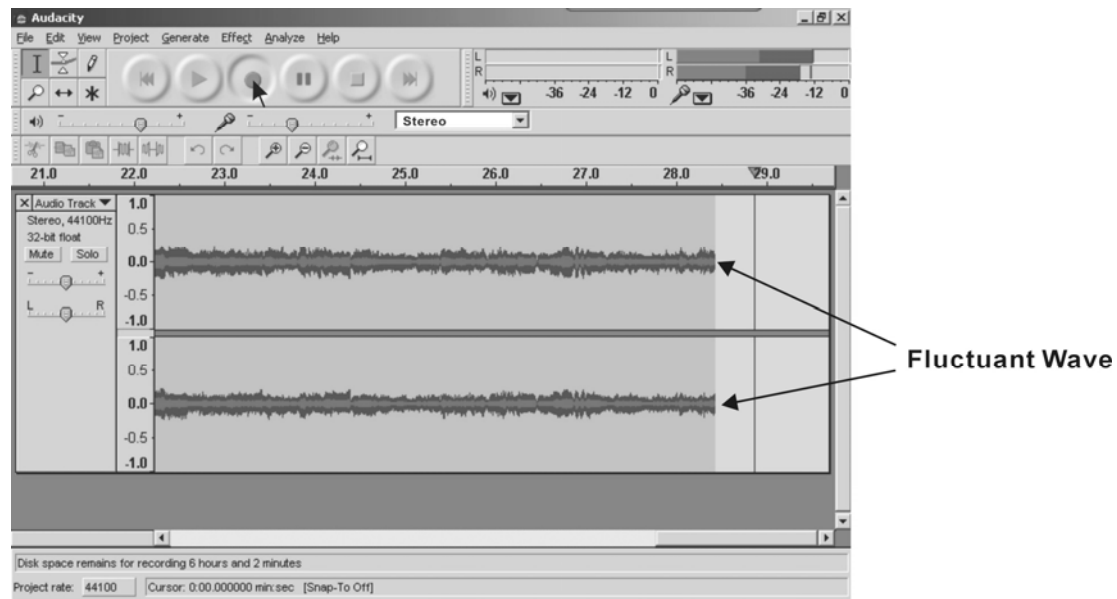
5. Repeat steps 3 and 4 until you have finished downloading.


NOTE: Do not click **stop** button on computer while continuously downloading songs. Remember to click **pause** button in between your desired songs. Press **stop** button on computer only when all your desired songs have been downloaded.


After your have finished downloading, you may play back the songs through your computer. In stop mode, simply click (⏮) SKIP TO START button then the (▶) PLAY button.

To download music from CD to computer:

1. Press the POWER switch to turn the unit on.
 2. Press the CD button and press open/close button.
 3. Load a disc on the disc tray with printed label facing up.
 4. Press open/close button to close the CD door and press PLAY/PAUSE button to start playing.
 5. Click the Record () button to start recording.
- The waves (left and right tracks) will show on the interface.





6. At end of song, click “pause” () button on computer and press STOP button on CD.


Replace the CD or press skip button to select another desired song. Press PLAY/PAUSE button to start playing the next song. Immediately press “pause” () button on computer and downloading will continue.

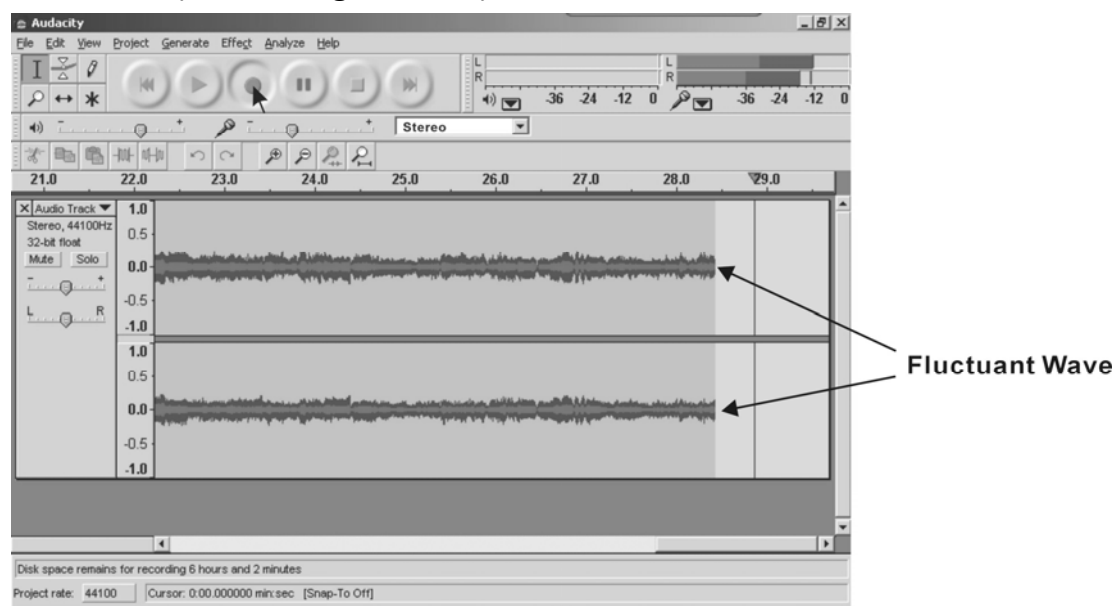
7. Repeat steps 5 and 6 until you have finished downloading.



NOTE: Do not click **stop** button on computer while continuously downloading songs. Remember to click **pause** button in between your desired songs. Press **stop** button on computer only when all your desired songs have been downloaded.

After your have finished downloading, you may play back the songs through your computer. In stop mode, simply click () SKIP TO START button then the () PLAY button.

To download music from AUX to computer:



1. Press the POWER switch to turn the unit on.
 2. Plug one end of the AUX cable (included) into the AUX IN socket on the front of the unit.
 3. Plug the other end of the cable into the headphone or Line Out socket of the external source.
 4. Turn on the external device, adjust the volume level and press PLAY to start playing the music.
 5. Click the Record () button to start recording.
- The waves (left and right tracks) will show on the interface.




6. To skip to another song, click “pause” () button on computer and press STOP button on external device. Press skip button on external device to select another desired song. Press PLAY button on external device to start playing the next song. Immediately press “pause” () button on computer and downloading will continue.

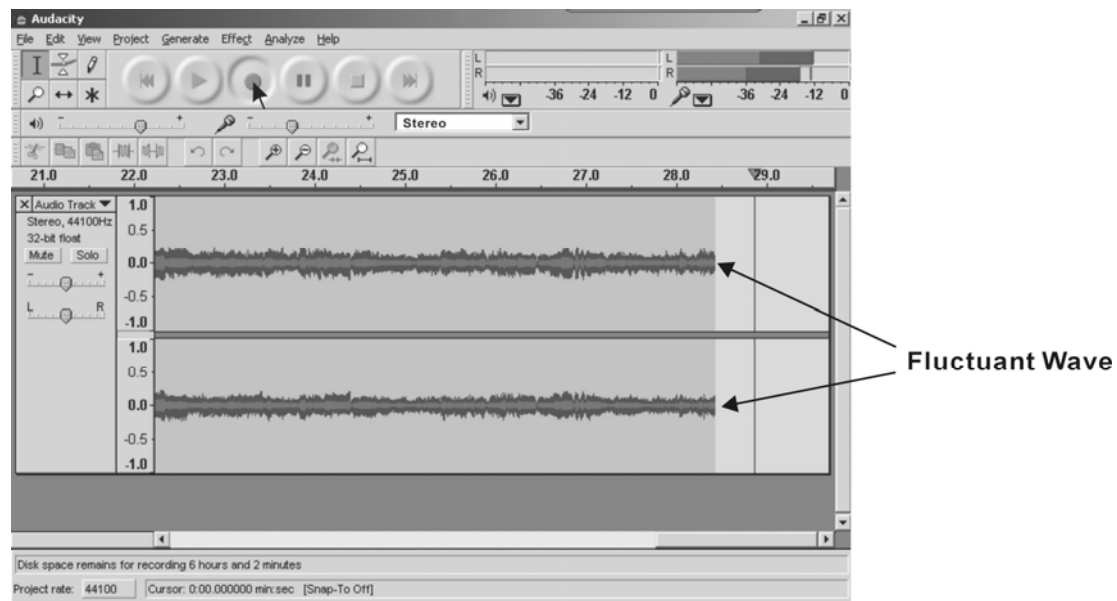
7. Repeat steps 5 and 6 until you have finished downloading.



NOTE: Do not click **stop** button on computer while continuously downloading songs. Remember to click **pause** button in between your desired songs. Press **stop** button on computer only when all your desired songs have been downloaded.



After your have finished downloading, you may play back the songs through your computer. In stop mode, simply click () SKIP TO START button then the () PLAY button.

To download music from TAPE to computer:

1. Press the POWER switch to turn the unit on.
 2. Load Cassette Tape into the unit (located on side of the unit), playback will automatically begin.
 3. Click the Record () button to start recording.
- The waves (left and right tracks) will show on the interface.




4. At end of cassette tape, click “pause” () button on computer and press EJECT button on the cassette. Turn over or replace the cassette tape and load it to play. Immediately press “pause” () button on computer and downloading will continue.
 5. Repeat steps 3 and 4 until you have finished downloading.
- NOTE: Do not click **stop** button on computer while continuously downloading songs. Remember to click **pause** button in between your desired songs. Press **stop** button on computer only when all your desired songs have been downloaded.

After your have finished downloading, you may play back the songs through your computer. In stop mode, simply click () SKIP TO START button then the () PLAY button.

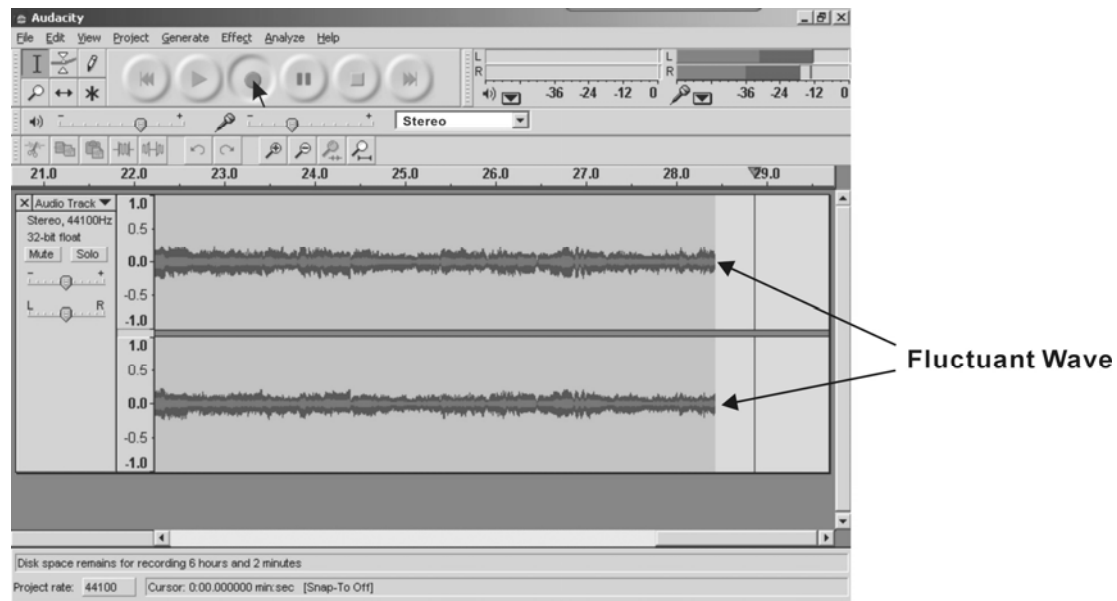
To download music from RADIO (FM) to computer:



1. Press the POWER switch to turn the unit on.
2. Press AM/FM button once or twice to select FM.

You may also record AM band, however, the Recording Quality may be affected by poor AM reception.

3. Tune in your desired station.
4. Click the Record () button to start recording.



The waves (left and right tracks) will show on the interface.



5. To tune a different station, at end of program click “pause” () button on computer then select another desired station. Immediately press “pause” () button on computer and downloading will continue.

5. Repeat steps 4 and 5 until you have finished downloading.

NOTE: Do not click **stop** button on computer while continuously downloading songs. Remember to click **pause** button in between your desired songs. Press **stop** button on computer only when all your desired songs have been downloaded.

After your have finished downloading, you may play back the songs through your computer. In stop mode, simply click () SKIP TO START button then the () PLAY button.

GENERAL PROBLEMS FOR ALL WINDOWS VERSIONS

1. When the turntable is connected, you cannot hear any sound if you need to listen to video or music. It is because the default playback device has been changed to USB Audio CODEC once the turntable connects to the PC.

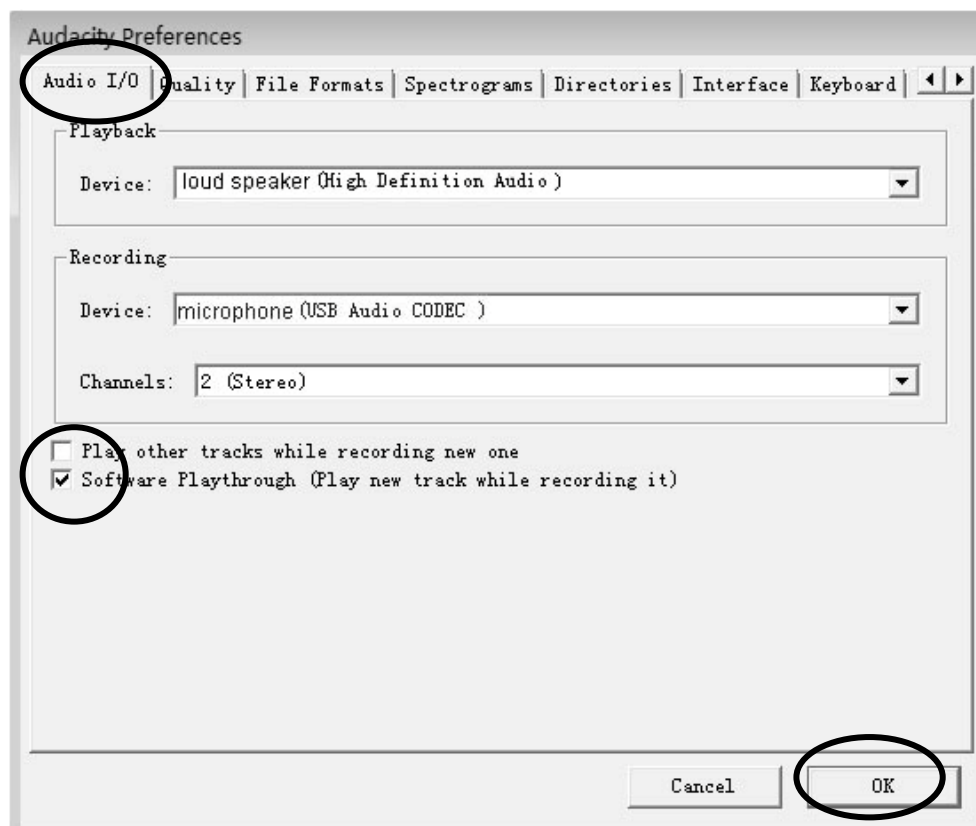
Solution1: Remove the USB cable from the PC.

Solution2: Click "Start" and go to the Control Panel. Find and click "Sound" icon. Click the "Playback" tab and change the playback device. Click ok. Then sound comes out. Please note that you need to change the setting manually when you connect the USB cable with the PC.

- For more information on Windows system sound requires reset, please go to

[http://wiki.audacityteam.org/index.php?title=USB turntables#Set up Audacity to record from the turntable](http://wiki.audacityteam.org/index.php?title=USB_turntables#Set_up_Audacity_to_record_from_the_turntable)

2. If you want to hear the music while downloading to the computer, go to the Audacity interface. Click Edit and select "Preference". Then click "Audio I/O" tab. And follow the following setting. Follow the setting below. Click "OK" to confirm.

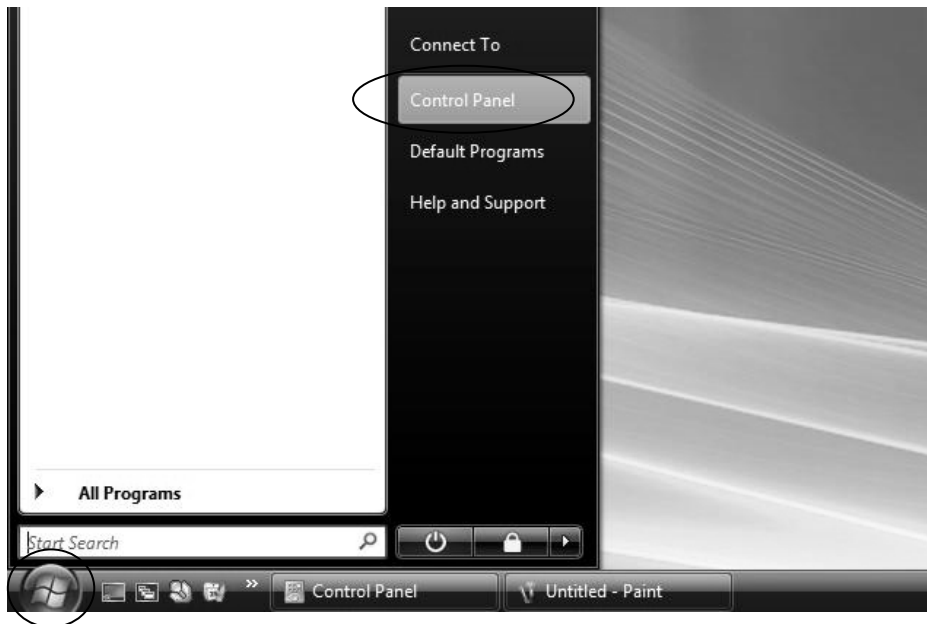


- For more information please see 'Set up Audacity to record from the turntable' in website below:
[http://wiki.audacityteam.org/index.php?title=USB turntables#Set up Audacity to record from the turntable](http://wiki.audacityteam.org/index.php?title=USB_turntables#Set_up_Audacity_to_record_from_the_turntable)

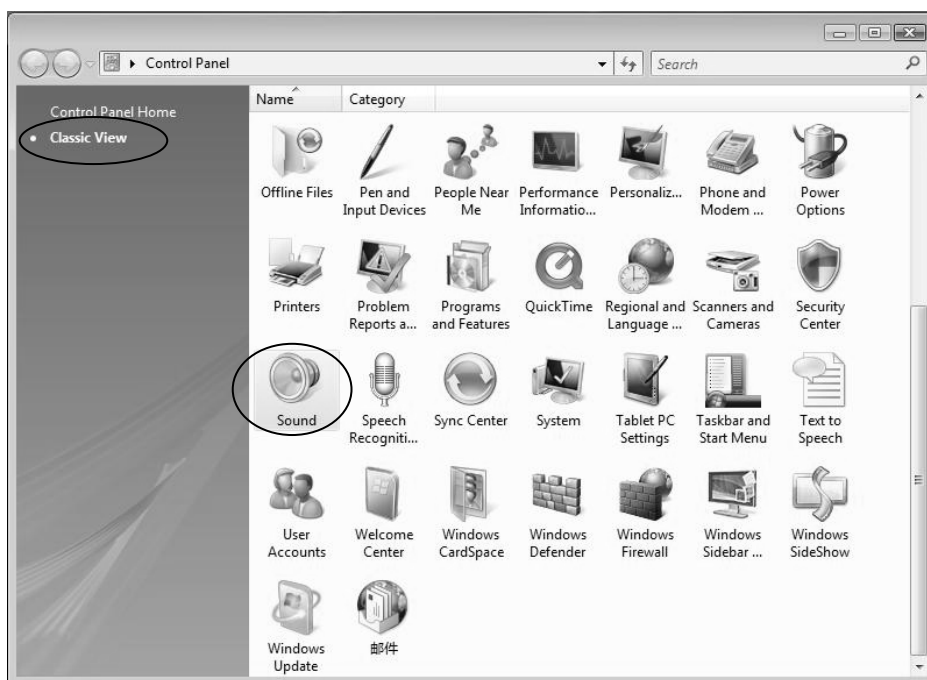
ADJUSTMENT FOR WINDOWS 7 AND SOME VISTA SYSTEMS ONLY

If you do not have the fluctuant wave on the Audacity interface or the sound is distorted when recording, adjust the recording level as follows:

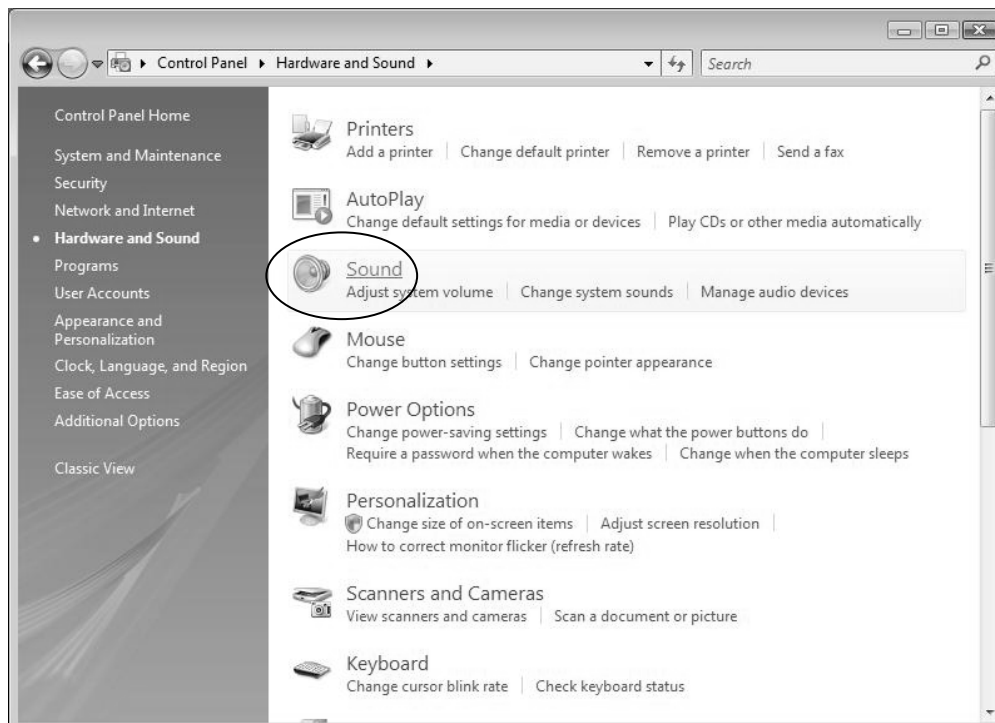
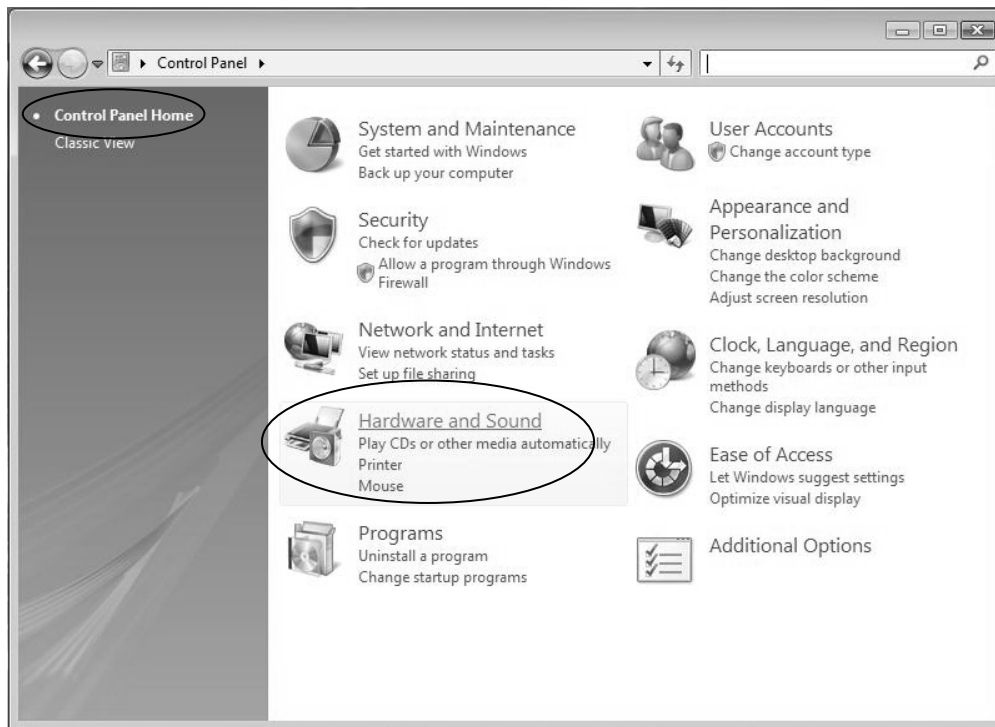
- Click “Start” at the lower left corner, go to the Control Panel.



- In Classic View, double click the Sound icon.



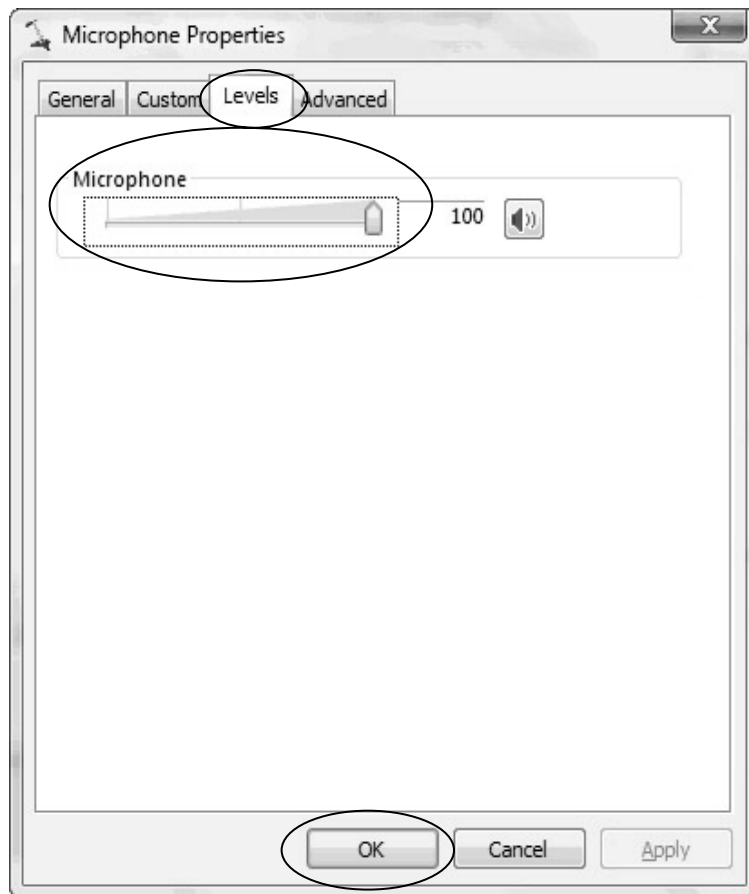
- Or in Control Panel Home view, click “Hardware and Sound”. Then click “sound”.



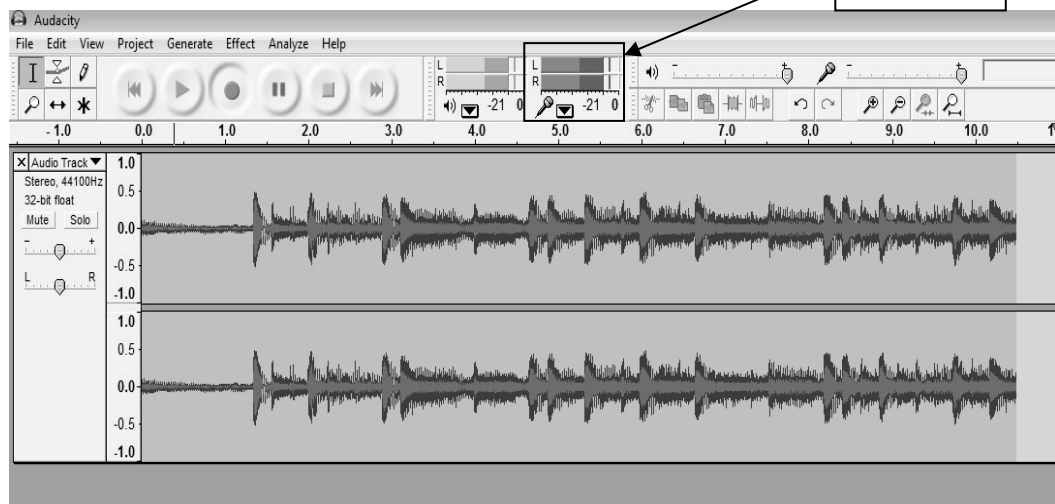
- In the Sound interface, select “Recording” tab.
- Then, choose a recording device. (It is recommended that you to select Microphone of USB Audio CODEC which is highlighted in the picture, then click “Properties”.)



- Select “Levels” and adjust the Volume Reading. The reading is from 0 to 100. Normally it should be 3-6. However, you may refer to the Input Level Indicator from the Audacity panel that doesn’t exceed 0. Then click “OK” on the Microphone properties interface and sound interface. Close the Control Panel. (Please note that there is no “Levels” tab in “Sound” panel in some operating systems, such as Windows 98, Windows 2000. For Windows 7 users and Vista users, the “Levels” tab in “Sound” panel is available.)



Input
Level
Indicator



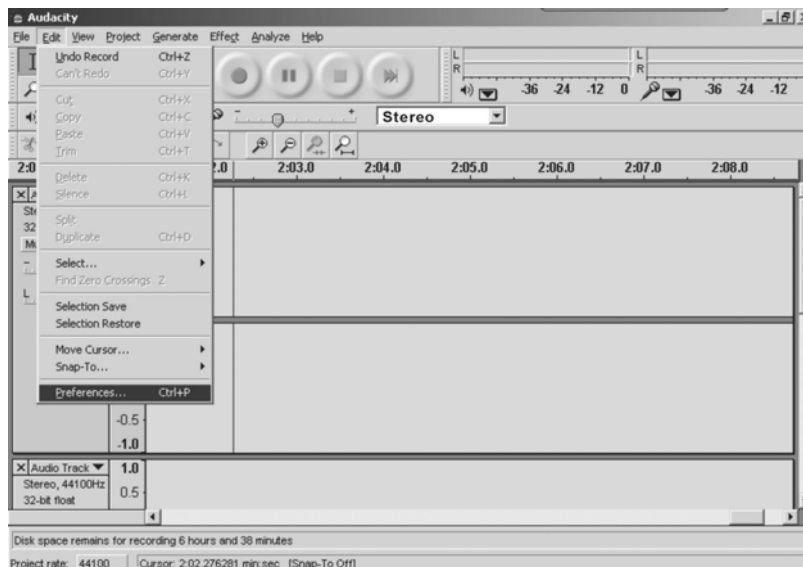
- For more information on Windows Vista
http://wiki.audacityteam.org/wiki/Windows_Vista_OS
- For more information on Windows 7
http://wiki.audacityteam.org/wiki/Windows_7_OS
- You have a music download on your computer now. But the music needs to be saved and converted to WAV, Ogg, or MP3 formats before exporting.
- You may play back the song through your computer.

- Simply click the (▶) to play and turn on your computer speaker
- NOTE: You may visit the Audacity website at <http://audacity.sourceforge.net>. for more detailed information and operation, etc.

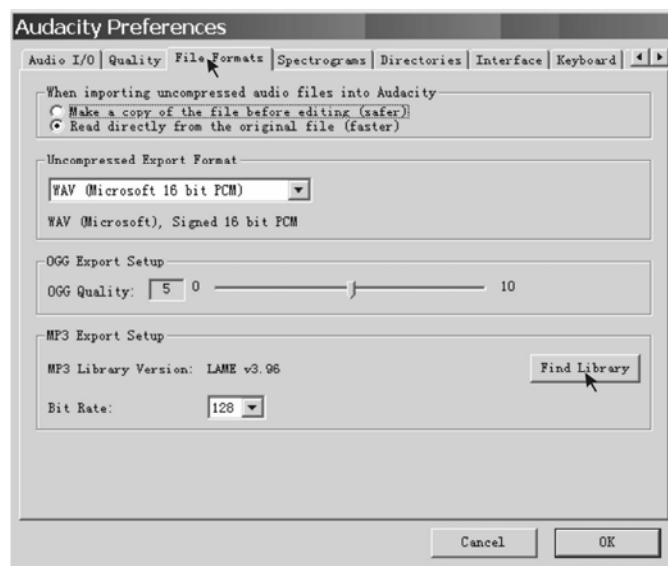
PREPARING TO EXPORT AND SAVE FOR MP3 FORMAT

Prepare for MP3 Export--- (Additional software “lame_enc.dll” needs to be installed.)

1. Please make sure that the software disc is still inserted in your computer.
2. Click the “Edit” Tab on the Audacity interface, select “Preferences”.



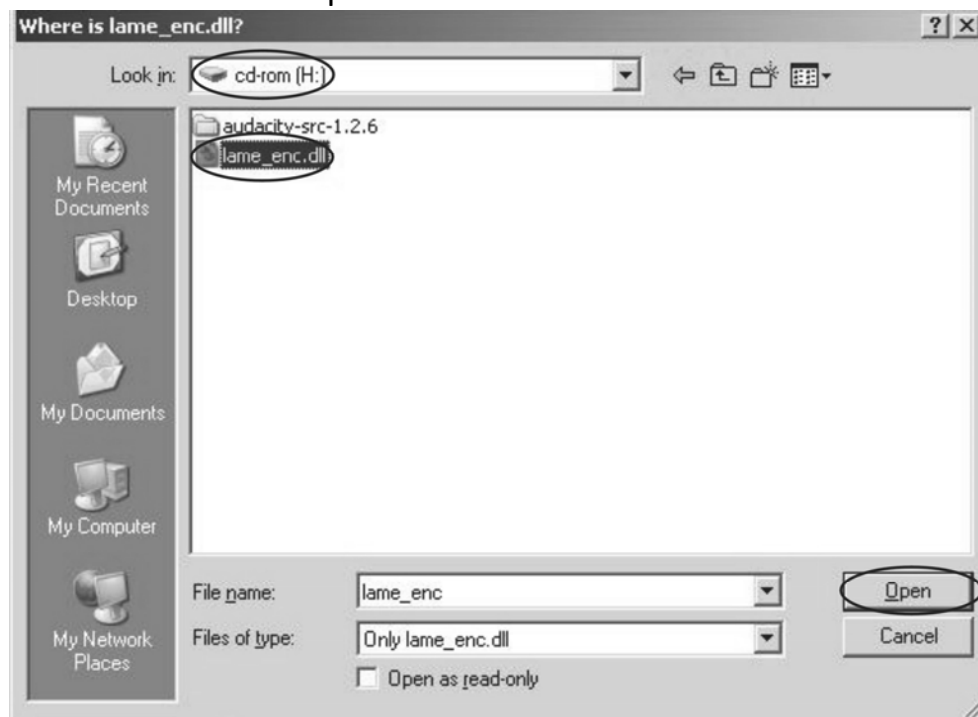
3. Select the File Formats Tab and click on the Find Library Button.



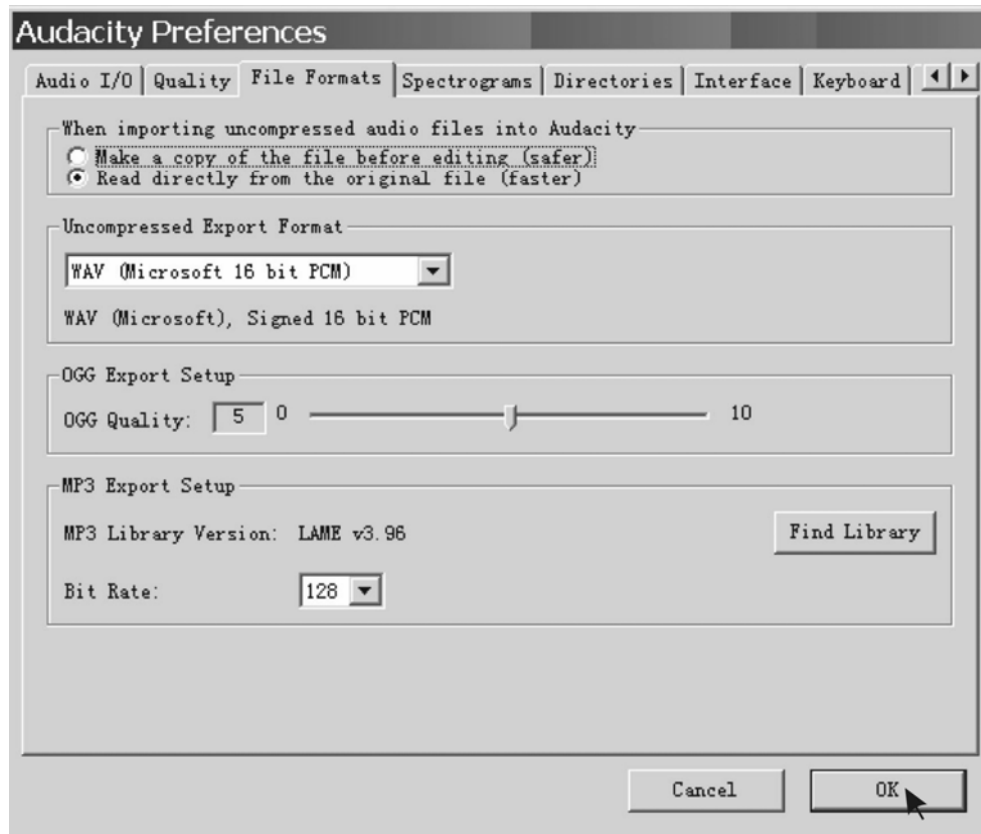
4. A dialog box will appear. Click “Yes”.



5. Another box appears to locate the “CD ROM”. Click “Look In” Arrow Down and select CD-ROM. Then double click on Audacity folder and then Audacity_for_win. You will find the “lame_enc.dll” software. Click the software then click Open.






6. Click on the OK Button.



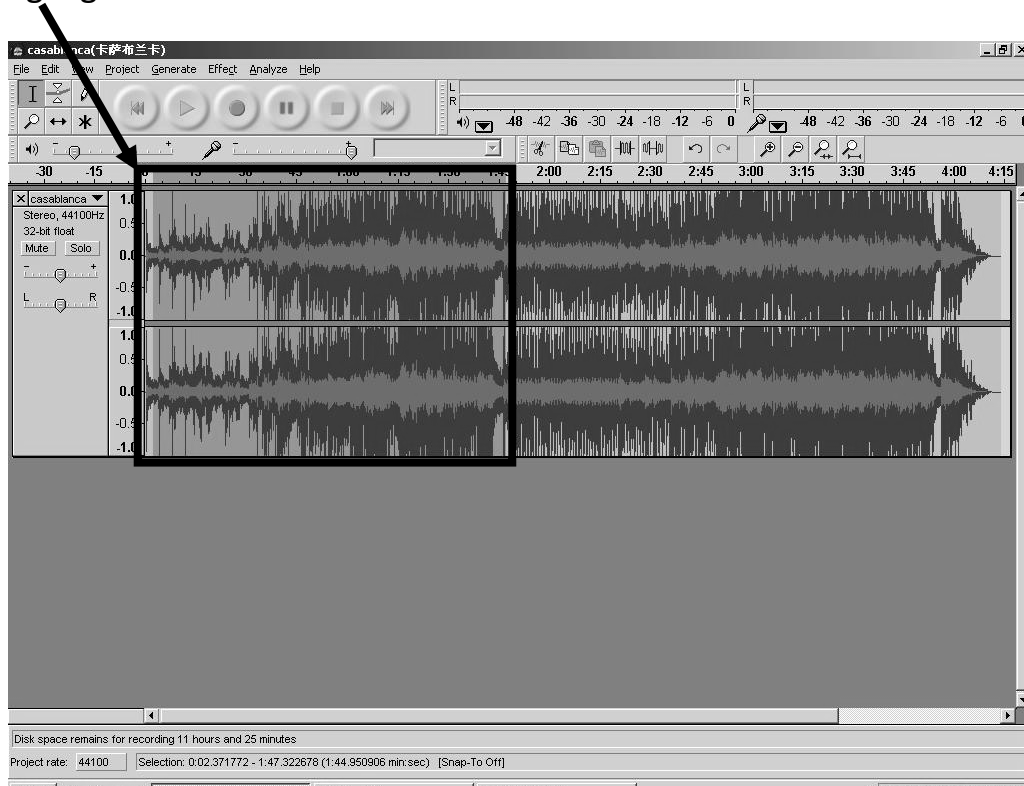
Now the MP3 software set up is complete and you may proceed with the exporting to MP3 format.

DIVIDING TRACKS

After you have finished downloading, you may play back the songs through your computer before exported. In stop mode, simply click () SKIP TO START buton then the () PLAY button.

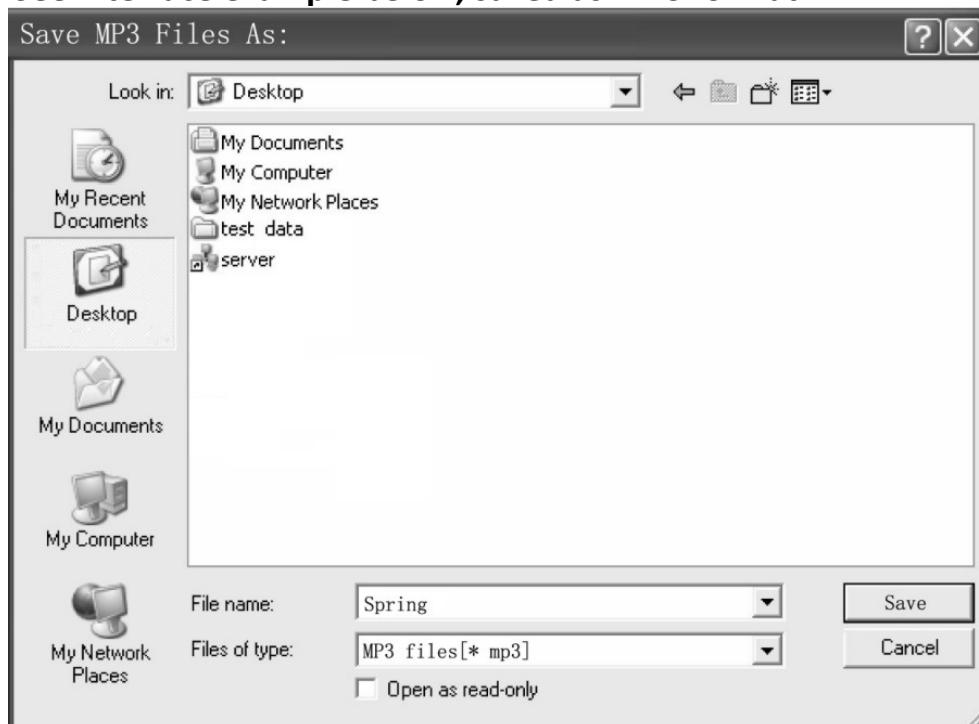
1. Press () button to return to the beginning of the first song.
2. Move cursor to the wave graphic area, left click mouse and hold then drag from left to right. Release the mouse when the highlighted reach end of first song.

Highlighted

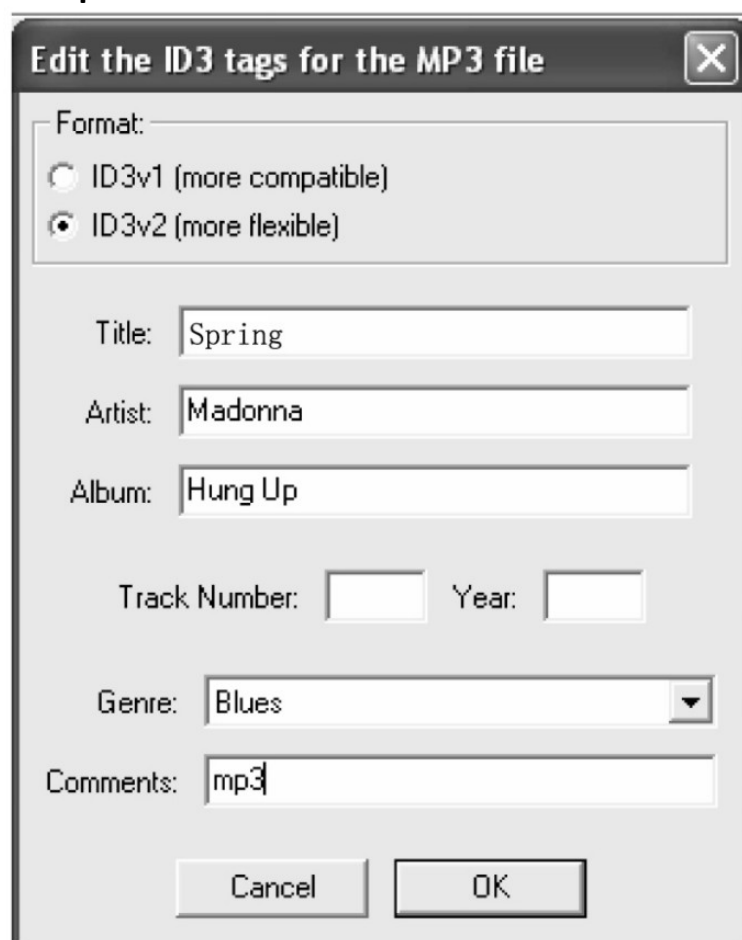


3. Click "file" tab then select "EXPORT SELECTION AS MP3".
4. The window will pop up a dialog box for you to put the song title ("File name"), where you want to save it ("Save in"), and file format ("Save as type").
5. Click "Save" and the first song is saved on the computer.

See interface example below, saved as MP3 format:



Complete box below:



Click OK. **Note:** The box above will come up every time Audacity is opened, with the 1st track only.

Second song to be divided and saved:

1. Move cursor to the wave graphic beginning of 2nd song. Left click mouse and hold then drag from left to right until you reach end of 2nd song.
2. Click "file" tab then select "EXPORT SELECTION as MP3".
3. Follow Steps above to divide songs, one-by-one.

To Change The Titles (For MP3 Format Only)

DURING EXPORT SELECTION AS MP3: the software only provides one time to title the song being saved. All subsequent songs being divided from the same track are with the same title.

To change the titles, follow the steps below:


1. Open the Recorded Music file which will show all its contents.
2. Left click to highlight the song.
3. Right click and select "Properties", then click on "Summary".
4. Double click on "Title" name, and then change it to your desired title.
5. Click OK.
6. Follow steps 2, 3, 4 & 5 to title all songs.

Note: THIS SOFTWARE EXPORT AS MP3, WAV AND OGG FORMAT.

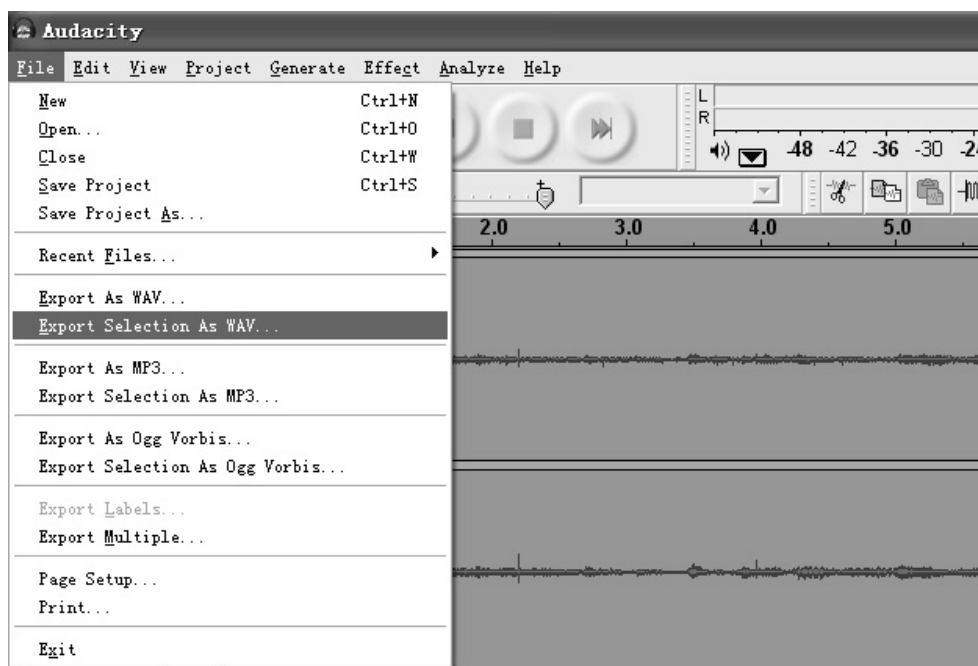
MP3, WAV AND OGG FORMAT

THESE ARE DIGITAL FILE FORMATS FOR AUDIO (MUSIC) AND MOST CURRENT COMPUTERS ARE COMPATIBLE. HOWEVER, IF YOU COPY THE FILE ONTO A CD DISC (CD-R OR CD-RW) AND PLAY WITH ANOTHER CD PLAYER, YOU HAVE TO MAKE SURE THE CD PLAYER SUPPORTS THOSE FORMATS; OTHERWISE, THE COPIED CD DISC WILL NOT PLAY. THE SAME THING IS TRUE WITH A COPIED FILE TO BE PLAYED ON ANOTHER MP3 PLAYER.

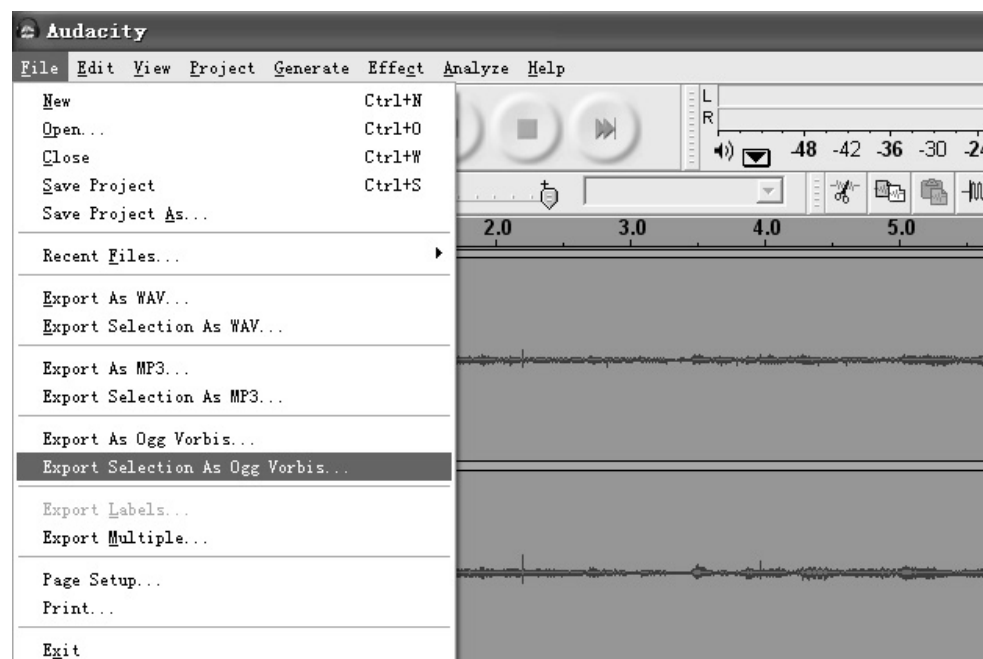
EXPORT AND SAVE FOR WAV AND OGG FORMATS

- When the song is finished, click the () on the screen. Then raise the cue lever on the turntable.
- 1. Highlighted the song which you want to save then click the file tab on the audacity interface.
- 2. Select “Export Selection as WAV” or “Export Selection as Ogg”.

To Export Selection AS WAV.....

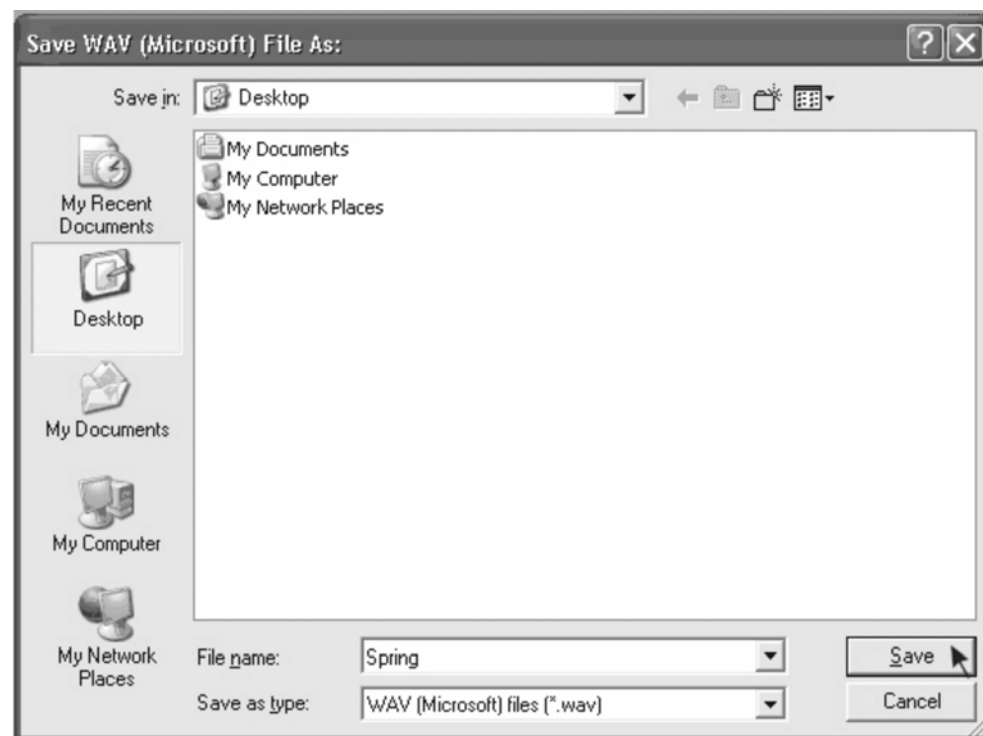


To Export Selection As Ogg

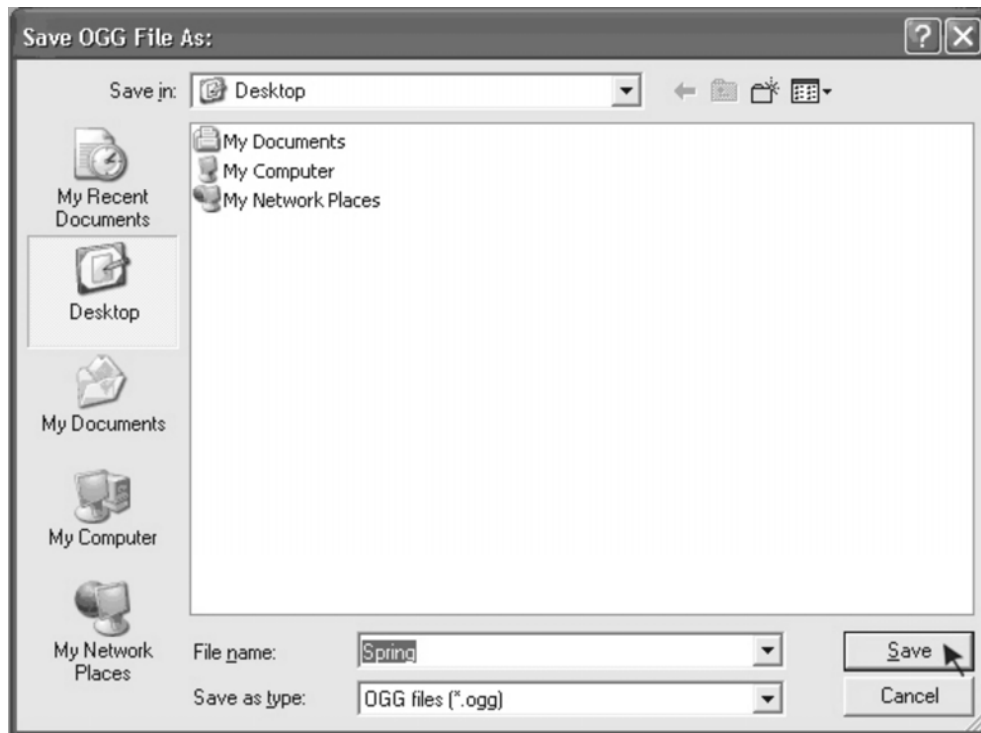


3. Once you have chosen to which file format recording should be exported, the interface below appears. Here you may provide the file name and the location where it will be saved, i.e. on the desktop. Then click “Save”.

Save as WAV



Save as Ogg



Note:

- You have an option to save one time for all the songs into one file, after complete the download, click the file tab, select the Export as MP3, Export as WAV or Export as OGG.
- Now you can copy the exported & saved music to an MP3 player.

COPYING THE MUSIC FILE TO AN MP3 PLAYER

1. Connect MP3 player to your computer via USB cable.
2. Turn on your computer.
3. Double click on "MY COMPUTER".
4. Locate the drive named "REMOVABLE DISK" or "MP3 PLAYER" – This is your MP3 player.
5. Double click the "REMOVABLE DISK/MP3 PLAYER" – to open the folder. It will show all files currently on your player.
6. Next locate your music files on your computer. Most people store them in their "MY MUSIC" folder.
7. Once your music folder/MP3 file folder is open, click once to highlight the song you want to send to your MP3 player. One of the following steps will copy the MP3 file:
 - A. Right click on the highlighted song and a box will come up. Move cursor to "SEND TO" and another box will come up. If you have the option "REMOVABLE DISK", click on it. This will send copy of MP3 file to MP3 player.
 - B. If you do not have "REMOVABLE DISK" listed, then click on "COPY". Go back and repeat steps 3, 4 & 5 (above). Right click in the middle of the window and a box will open. Select "PASTE" and MP3 file will be sent to MP3 player.

Note:

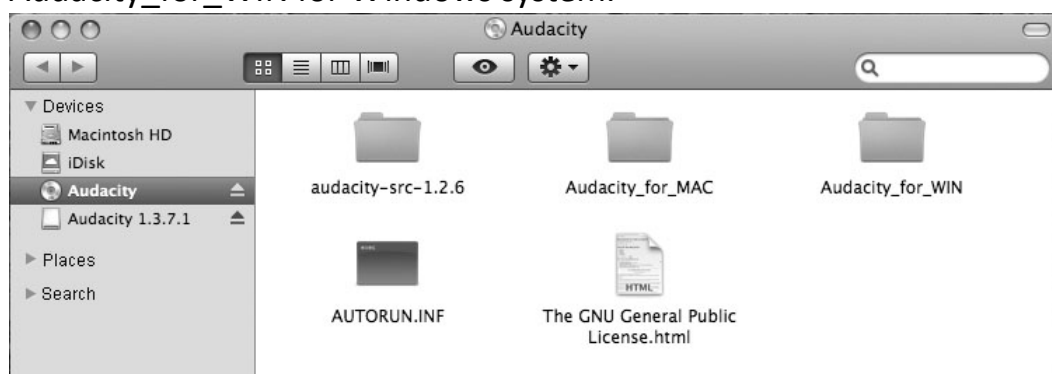
TO BURN CDS: YOU MUST HAVE A CD BURNER IN YOUR COMPUTER.
PLEASE REFER TO THE INSTRUCTION RELATED TO THE BURNER'S USE.

AUDACITY FOR MAC USERS

1. Please insert the software disk that comes with your unit. Click the software disk on the desktop.



2. Double click Audacity folder. There are five folders in the Audacity folder. Select Audacity_for_MAC for Macintosh system, and select Audacity_for_WIN for Windows system.

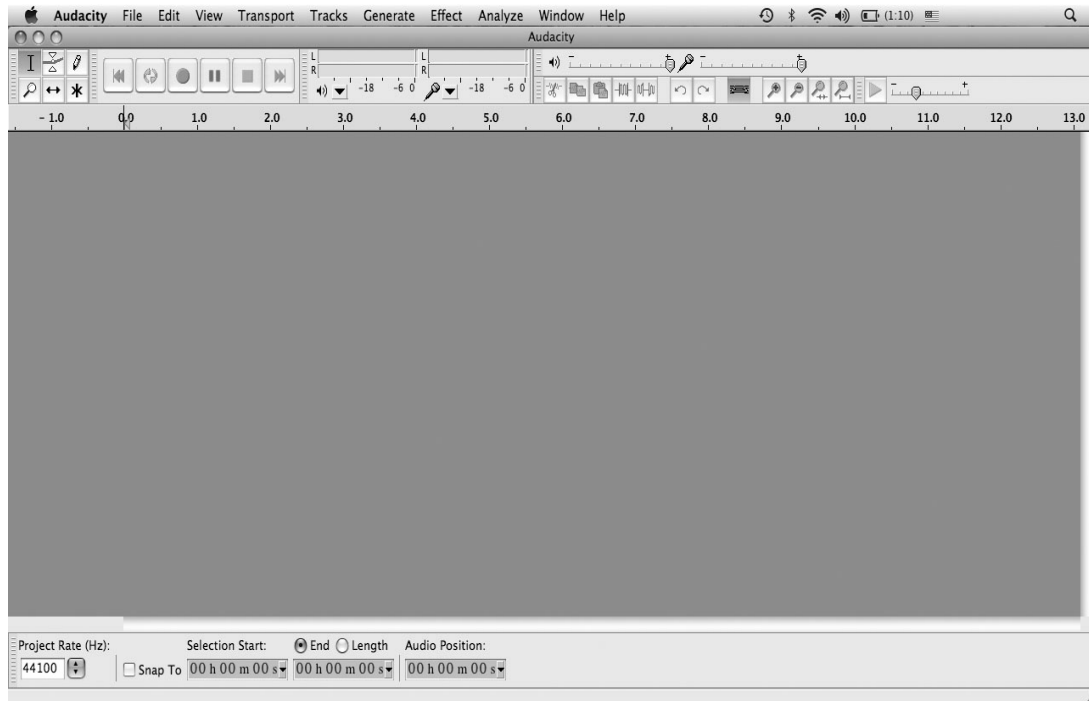


- If your computer is Mac OS X system (Intel CPU), please enter the Intel folder to install the audacity software;
 - If your computer is Mac OS 9 system, please enter the Mac OS 9 folder to install the audacity software;
 - If your computer is Mac OS X system (Power PC CPU), please enter the PPC folder to install the audacity software.
3. Double click on the setup file according to your system supported, for instance, “audacity.dmg” icon the software files will now open in a folder. Select all the files in the folder and drag them into a suitable location on the hard drive (Applications, etc.).
4. Double click on the Audacity icon to start the software running, alternatively, drag the “orange ball wearing headphones” icon down onto the desktop toolbar. Click on this icon to run Audacity.

Note: Audacity does not support the latest upgraded MAC OS9.

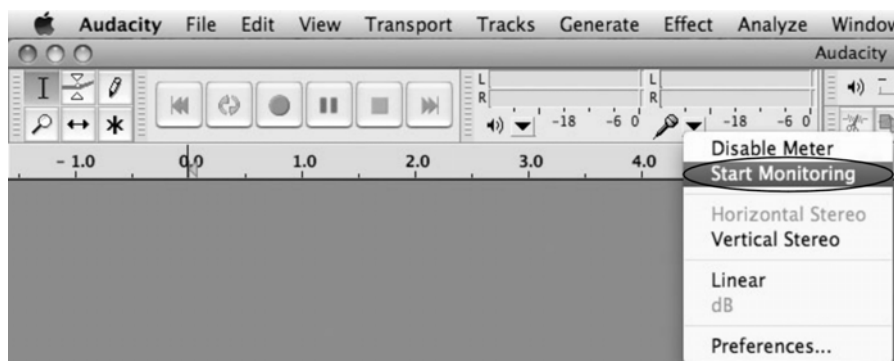
CONFIGURING AUDACITY FOR MAC

AUDACITY INTERFECE FOR MAC









Audacity Interface---Settings and controls.

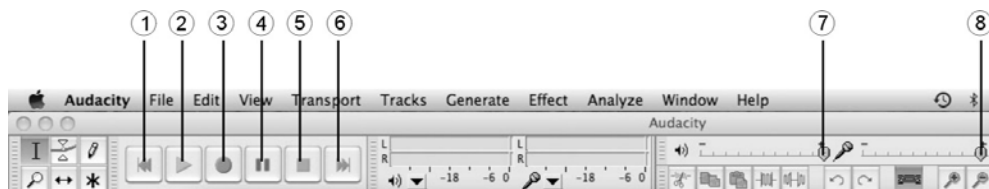
At the top of the main Audacity window, to the right of the play control buttons, you will see the input and output level meters (labeled L and R). Under the output level meter, is an icon that looks like a microphone. Next to the microphone is a black arrow that points down. Click this arrow and select **Start Monitor**. (If you don't see the input and output level meters, open your Preferences again as described above.)



AUDACITY CONTROL BUTTONS

Use the attribute control buttons at the top of the screen to go to beginning, Play, Record, Pause, Stop and End. Use the File, Edit, View, Project, Generate, Effect and Analyze menus to Save, Export, and edit the music.

1. Click the () button to skip to start;
2. Click the () button to play;
3. Click the () button to record;
4. Click the () button to pause the recording;
5. Click the () button to stop the recording;
6. Click the () button to skip to end;
7. Adjust the output volume.
8. Adjust the input volume.

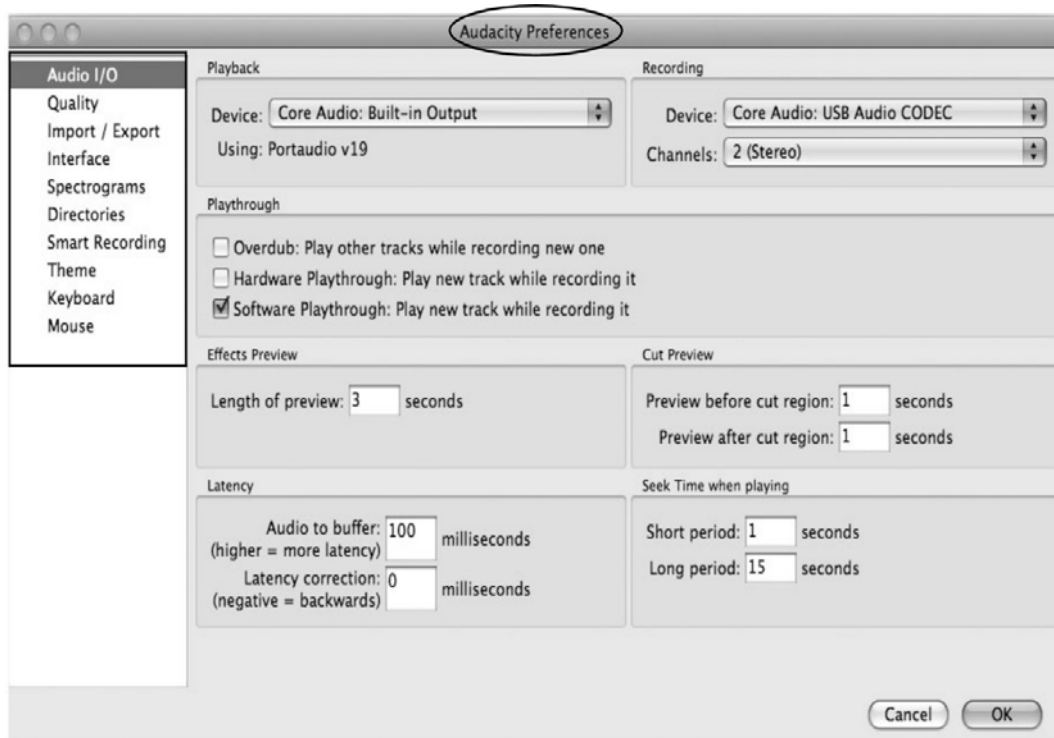


AUDACITY PREFERENCES

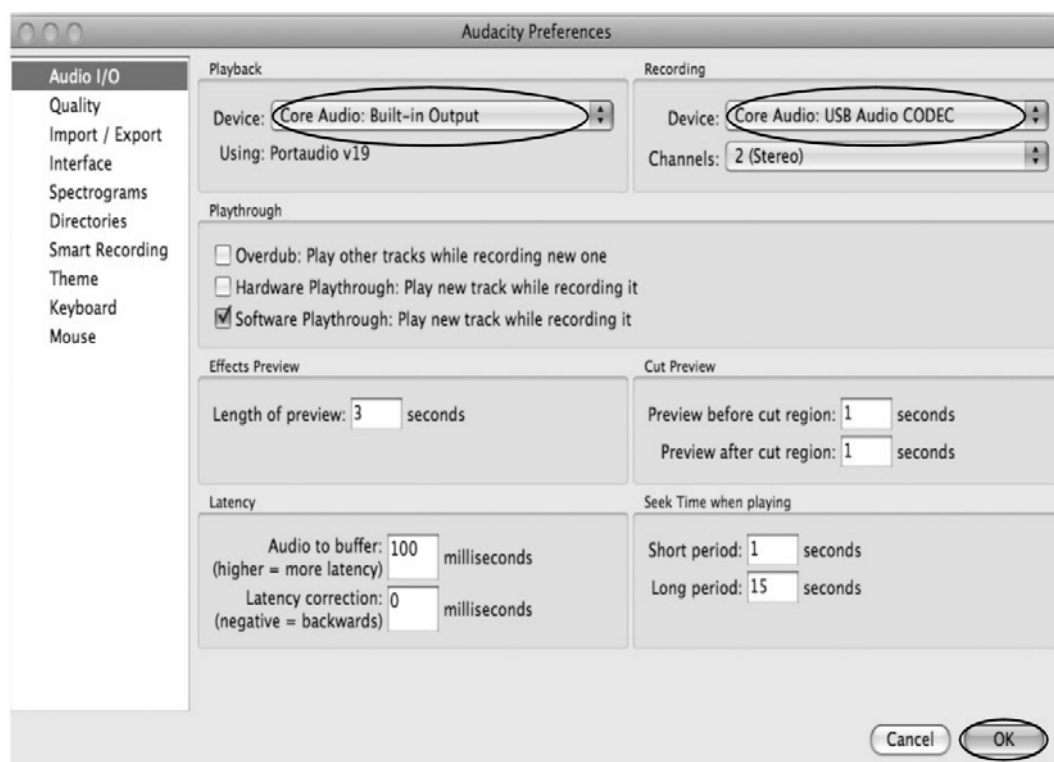
1. Click the “Audacity” on the Audacity interface, select “Preferences”.



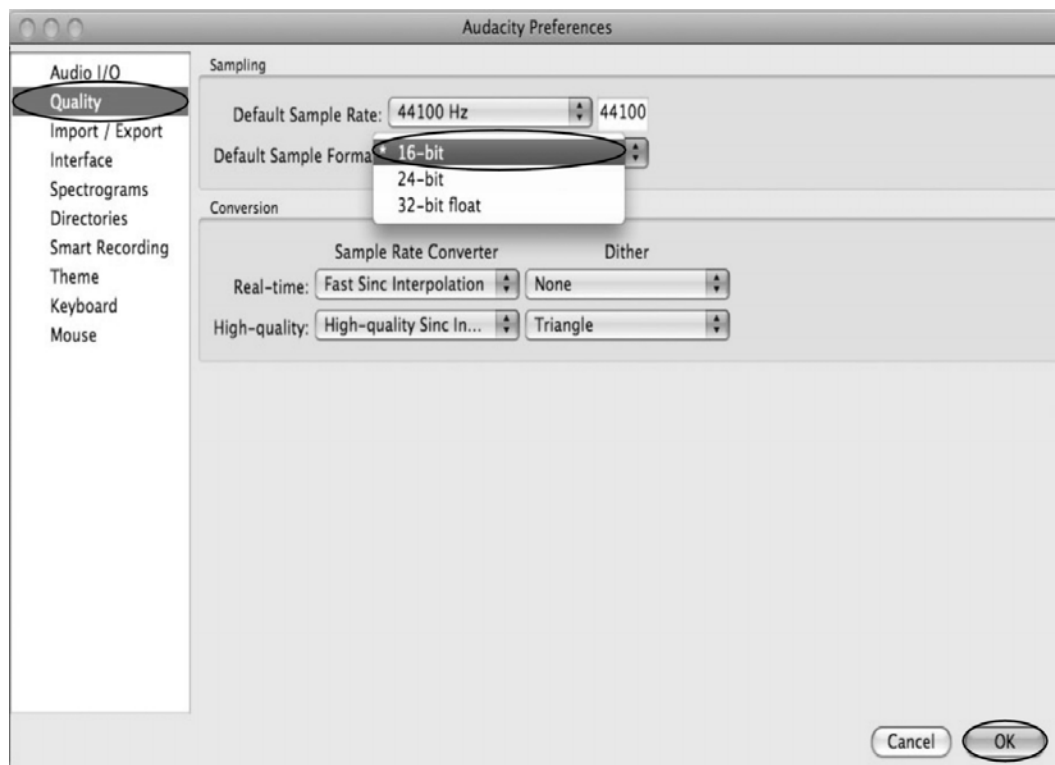
- The screen will open up Audacity Preferences. You can see the Audio I/O, Quality, Import/Export, Interface, Spectrograms, Directories, Smart Recording, Theme, Keyboard and Mouse.



2. Select the recording device: Core Audio (USB Audio CODEC)
 - Click the “**Audio I/O**” at the Audacity Preferences interface.
 - Click the Recording “**Device**” and select “**Core Audio (USB Audio CODEC)**”.
 - Click the “Channels” and select **2 (stereo)**.
 - Click the “**OK**”.
 - Note1: If you want to hear the music while downloading on the computer, make sure the third check box is selected.
 - Note2: If you couldn't find the "Core Audio (USB Audio CODEC)" from the Device list, close the Audacity Software and re-open then try again or insure the turntable is connect to the computer.



Under the **Quality** tab, set the **Default Sample Format** to 16 bit. Select **OK** to save your setting and close the preferences window.

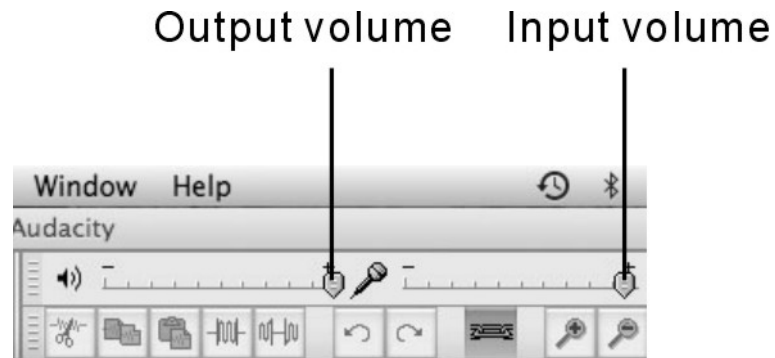


3. To set the Smart Recording

To select the **Smart Recording** in the Audacity Preferences interface, and set the **Sound Activation Level (dB)** to -36, and then click OK.



At the top of the main Audacity window, to the right of the input and output level meters (labeled L and R), you will see the input and output volume. The left of the input and output volume, there is a volume icon. Adjust the **output and input volume** to maximum.




NOTE: Because of the variation of different operation systems, the input volume control may not work on some individual Windows versions. Windows Vista is recommended to ensure the input volume control working properly.

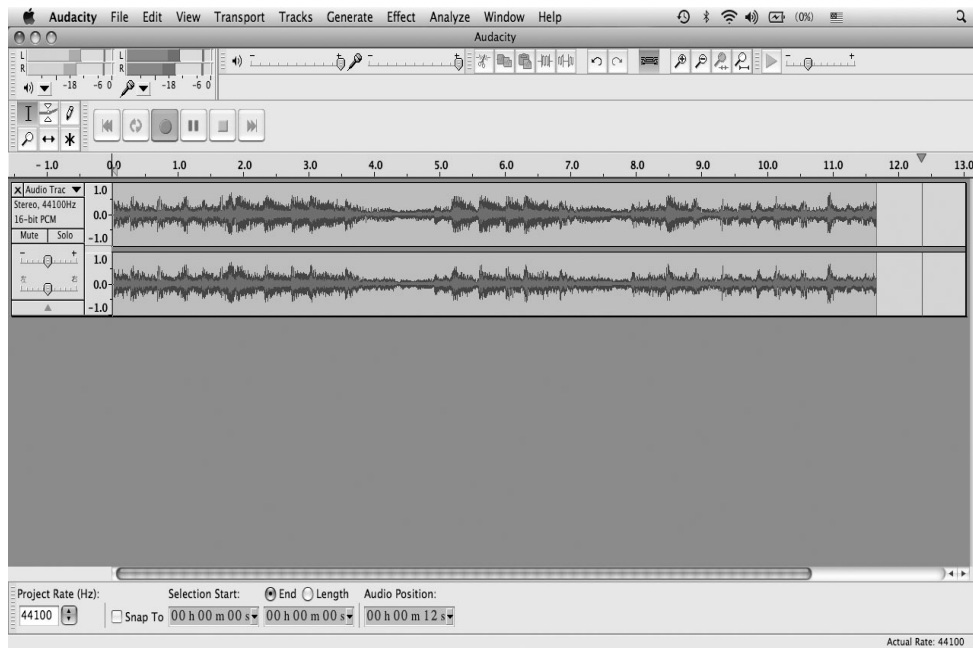
- For more information on Mixer Toolbar, please see 'OS X-specific issues' on the website below:
http://wiki.audacityteam.org/index.php?title=Mixer_Toolbar_Issues
- For further information of Audacity on MAC OS X, please see
http://wiki.audacityteam.org/wiki/Mac_Bugs


RECORDING OPERATION


To download music and save into computer:

1. Place the record on the turntable.
2. Move the tone arm over to the record to start playing.
3. Click the Record () button to start recording.

The waves (left and right tracks) will show on the interface.





4. At end of song, click “pause” () button on computer and raise the cue lever on turntable.


For the next song, replace the album or move tone arm to another desired song. Lower the cue lever on turntable to start playing the next song. Immediately press “pause” () button on computer and downloading will continue.

5. Repeat steps 3 and 4 until you have finished downloading.

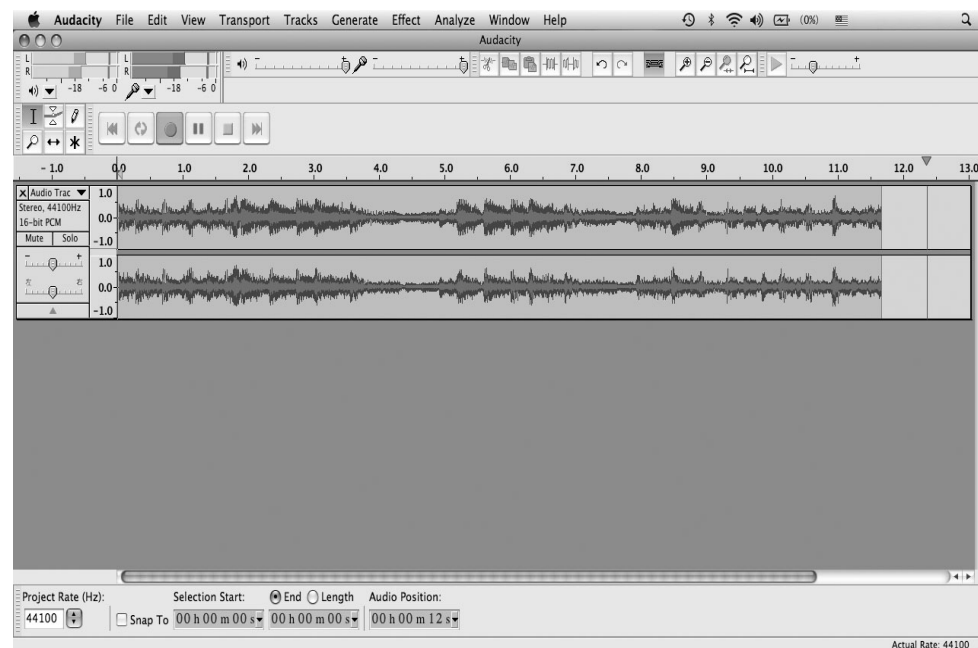
NOTE: Do not click **stop** button on computer while continuously downloading songs. Remember to click **pause** button in between your desired songs. Press **stop** button on computer only when all your desired songs have been downloaded.


After your have finished downloading, you may play back the songs through your computer. In stop mode, simply click () SKIP TO START button then the () PLAY button.


To download music from CD to computer:

1. Press the POWER switch to turn the unit on.
2. Press the CD button and press open/close button.
3. Load a disc on the disc tray with printed label facing up.
4. Press open/close button to close the CD door and press PLAY/PAUSE button to start playing.
5. Click the Record () button to start recording.

The waves (left and right tracks) will show on the interface.





6. At end of song, click “pause” () button on computer and press STOP button on CD.


Replace the CD or press skip button to select another desired song. Press PLAY/PAUSE button to start playing the next song. Immediately press “pause” () button on computer and downloading will continue.

7. Repeat steps 5 and 6 until you have finished downloading.

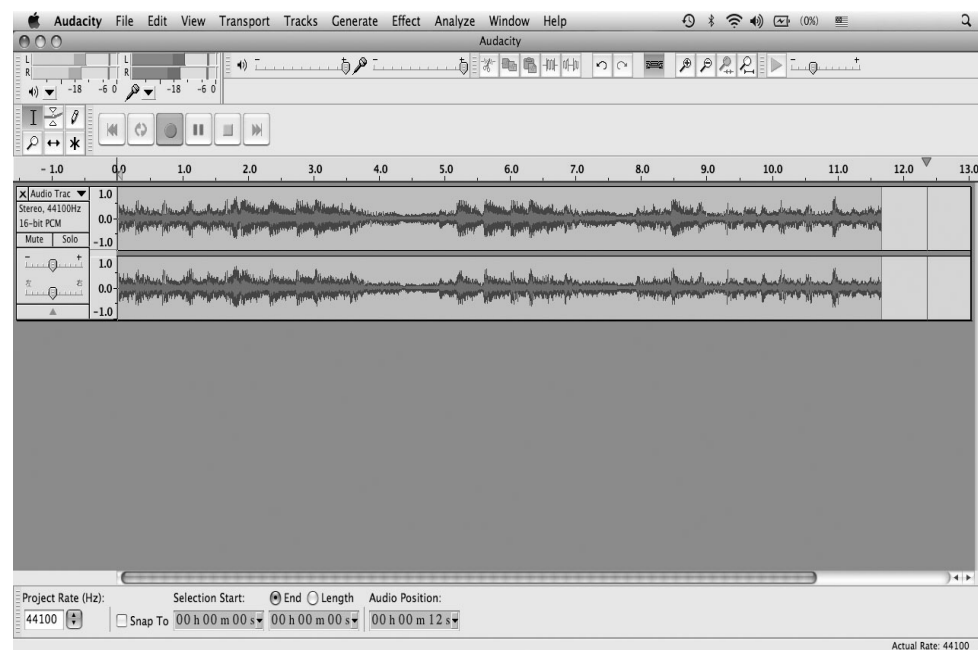
NOTE: Do not click **stop** button on computer while continuously downloading songs. Remember to click **pause** button in between your desired songs. Press **stop** button on computer only when all your desired songs have been downloaded.



After your have finished downloading, you may play back the songs through your computer. In stop mode, simply click () SKIP TO START button then the () PLAY button.

To download music from AUX to computer:

1. Press the POWER switch to turn the unit on.
2. Plug one end of the AUX cable (included) into the AUX IN socket on the front of the unit.
3. Plug the other end of the cable into the headphone or Line Out socket of the external source.
4. Turn on the external device, adjust the volume level and press PLAY to start playing the music.
5. Click the Record () button to start recording.



The waves (left and right tracks) will show on the interface.




6. To skip to another song, click “pause” () button on computer and press STOP button on external device. Press skip button on external device to select another desired song. Press PLAY button on external device to start playing the next song. Immediately press “pause” () button on computer and downloading will continue.

7. Repeat steps 5 and 6 until you have finished downloading.

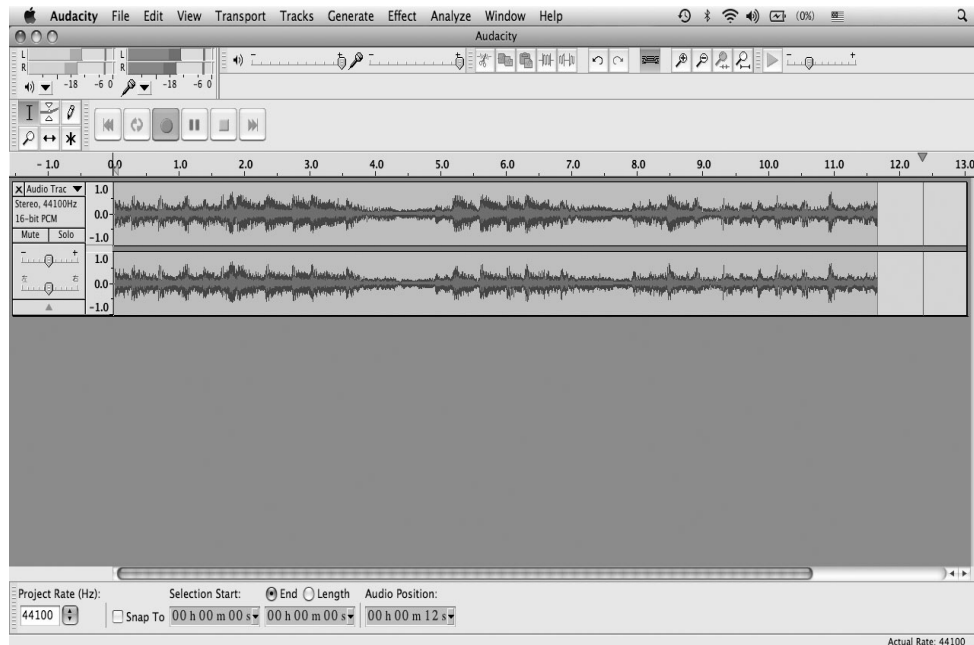
NOTE: Do not click **stop** button on computer while continuously downloading songs. Remember to click **pause** button in between your desired songs. Press **stop** button on computer only when all your desired songs have been downloaded.



After your have finished downloading, you may play back the songs through your computer. In stop mode, simply click () SKIP TO START button then the () PLAY button.

To download music from TAPE to computer:

1. Press the POWER switch to turn the unit on.
2. Load Cassette Tape into the unit (located on side of the unit), playback will automatically begin.
3. Click the Record () button to start recording.



The waves (left and right tracks) will show on the interface.



4. At end of cassette tape, click “pause” () button on computer and press EJECT button on the cassette. Turn over or replace the cassette tape and load it to play. Immediately press “pause” () button on computer and downloading will continue.

5. Repeat steps 3 and 4 until you have finished downloading.


NOTE: Do not click **stop** button on computer while continuously downloading songs. Remember to click **pause** button in between your desired songs. Press **stop** button on computer only when all your desired songs have been downloaded.

After your have finished downloading, you may play back the songs through your computer. In stop mode, simply click () SKIP TO START button then the () PLAY button.

To download music from RADIO (FM) to computer:



1. Press the POWER switch to turn the unit on.
2. Press AM/FM button once or twice to select FM.

You may also record AM band, however, the Recording Quality may be affected by poor AM reception.

3. Tune in your desired station.
4. Click the Record () button to start recording.



The waves (left and right tracks) will show on the interface.





5. To tune a different station, at end of program click “pause” () button on computer then select another desired station. Immediately press “pause” () button on computer and downloading will continue.


5. Repeat steps 4 and 5 until you have finished downloading.

NOTE: Do not click **stop** button on computer while continuously downloading songs. Remember to click **pause** button in between your desired songs. Press **stop** button on computer only when all your desired songs have been downloaded.

After your have finished downloading, you may play back the songs through your computer. In stop mode, simply click () SKIP TO START button then the () PLAY button.

DIVIDING TRACKS

After you have finished downloading, you may play back the songs through your computer before exporting. In stop mode, simply click () SKIP TO START button then the () PLAY button.



1. Press () button to return to the beginning of the first song.
2. Move cursor to the wave graphic area, left click mouse and hold then drag from left to right. Release the mouse when the highlighted reach end of first song.
3. Click "file" tab then select "EXPORT SELECTION ".
4. The window will pop up a dialog box for you to complete the Metadata. Click OK button after you type in.



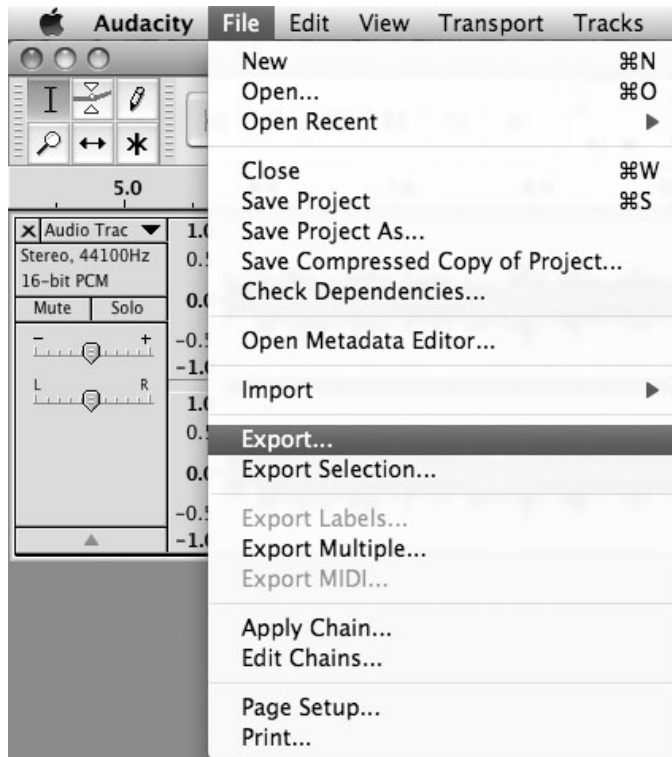
5. Then a window appears. Select your music file location and format, and type in your file name. Click “Save” and the song is saved on the computer.



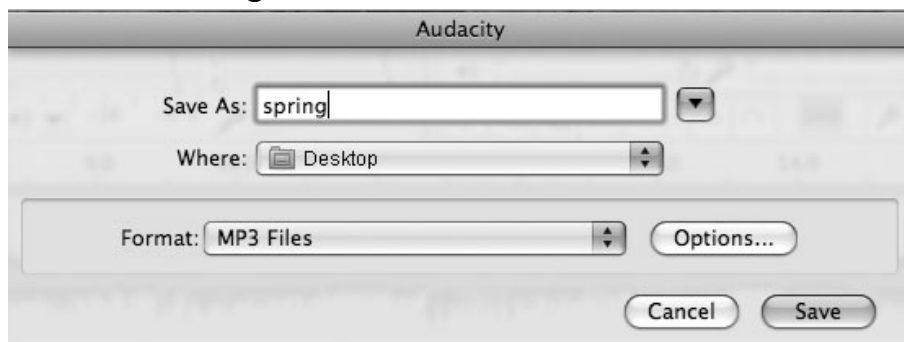
EXPORT AND SAVE FILES

- When the song is finished, click the () on the screen. Then raise the cue lever on the turntable.
- You have a music download on your computer now.
- You may play back the song through your computer.
- Simply click the () to play.
- NOTE: You may visit the Audacity website at <http://audacity.sourceforge.net>. for more detailed information and operation, etc.

1. Click the file tab on the audacity interface. Select “Export” to save the file.



2. Window below will pop up after clicking Export. It will default to **MP3 format**, but you also can select another format, clicking the arrow located at the right of the **MP3 Files**.

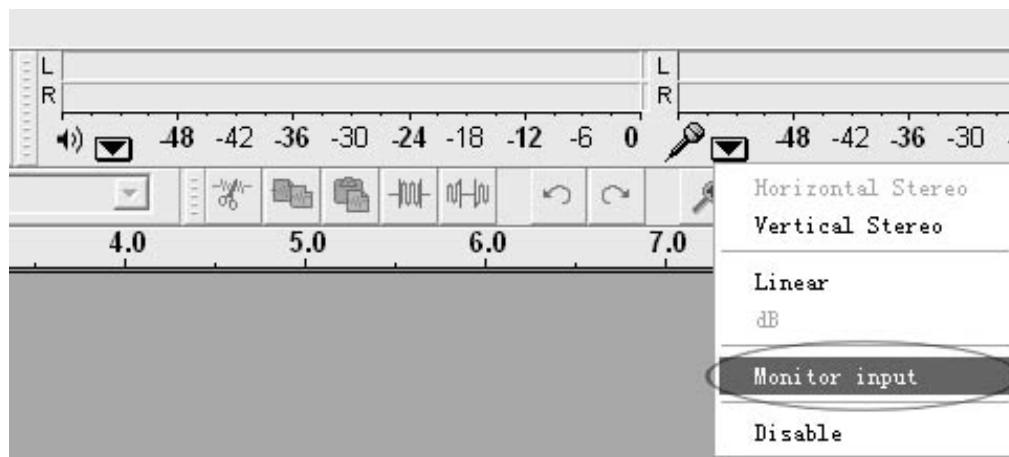


TROUBLESHOOTING GUIDE (USB-PC RECORDING)

If you have any trouble with the unit, please look through problems below and see if you can solve them by yourself before calling your dealer.

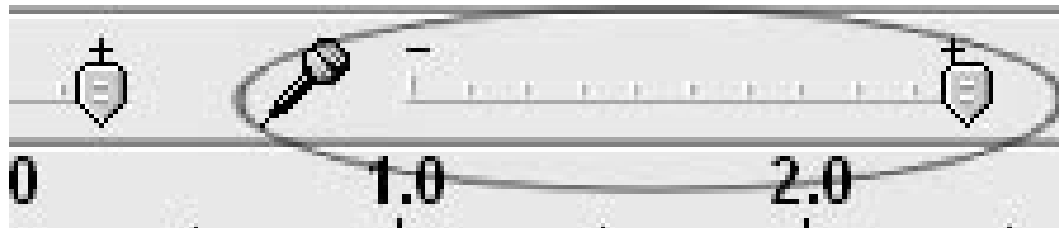
NO SOUND:

- If you are not getting any sound into the software application, go back to the preferences as shown on previous pages and make sure you have selected the USB input for the recording device.
- Power Cycle: Close Audacity, turn off the turntable, unplug the USB Cable. Then plug in the USB Cable, turn on the turntable, and reopen Audacity.
- If you are not able to hear any audio as you play the record, please click on the microphone drop-down arrow and select Monitor Input. This will enable you to hear the audio from the turntable, even if you have not record-enabled the Audacity application.



- If you are not seeing the microphone slider, please go to the Preferences menu in Audacity, click on the Interface tab and make sure that the Enable Mixer Toolbar and Enable Meter Toolbar options are checked. If they are not, please check them and then press OK.

- Check the microphone slider to make sure that it is at full volume, all the way to the right as shown in below. If you are not seeing the microphone slider, please go to the Preferences menu in Audacity, click on the Interface tab and make sure that the Enable Mixer Toolbar and Enable Meter Toolbar options are checked. If they are not, please check them and then press OK.



POOR SOUND Quality:

- Check your stylus (needle) to make sure it is secured to the tone arm. The stylus must be connected to the tone arm whenever using the turntable.
- Make sure that your RCA plugs are plugged into a source and are not touching bare metal. If you are experiencing noise through the USB, you may have interference from the RCA plugs. Be sure that the USB cable is not touching or near any other cables.
- If you experience any odd sounds coming from the recording, try closing all applications, restarting the computer, and only run Audacity while recording.
- Make sure that you have properly installed and calibrated the tone arm of the turntable.

SPECIFICATIONS

AMPLIFIER section

Output Power.....2W + 2W

Frequency Response.....60 TO 20,000 Hz

TUNER section

FM Section

Frequency Range.....88 TO 108 MHz

AM Section

Frequency Range.....530 TO 1600 KHz

CD PLAYER section

Frequency Response.....60 TO 20,000 Hz +/- 4 dB

Signal-to-Noise Ratio.....55 dB (IEC-A)

CASSETTE DECK section

Track System.....4 Track, 2 channel stereo

Tape Speed.....4.8 cm/sec

Wow and Flutter.....0.4% (WRMS)

Frequency Response.....125 TO 6300 Hz

RECORD PLAYER section

Motor.....DC servo motor

Drive System.....Belt Driver

Speeds.....33-1/3 rpm, 45 rpm and 78 rpm

Wow &Flutter.....Less than 0.35% (WTD)

S/N Ratio.....More than 50 dB

Cartridge Type.....Ceramic Stereo Cartridge

Stylus.....402-M208-165

SPEAKER SYSTEM section

Type..... 1-way

Impedance..... 8 ohm

Input Power..... Max. 5 W

GENERAL

Power Requirements.....	AC 240 V ~ 50 Hz
Power Consumption.....	30 W
Dimensions (W x H x D).....	440x230x370mm
Weight.....	7.2kg
Standard Accessories.....	Operation Instruction Booklet 45 rpm Adaptor CD Disc of Software Driver USB Cable AUX IN Cable

For continuous improvement, specifications and manual are subject to change without prior notice.

TROUBLESHOOTING GUIDE (MAIN UNIT)

If you have any trouble with the unit, please look through this chart and see if you can solve the problem by yourself before calling your dealer.

	Problem	Cause	Solution
THE WHOLE UNIT	Power does not come on when the power switch is pressed.	Unit is unplugged.	Connect the unit to the AC power supply.
	No sound comes out of the speakers.	The volume is turned down (to MIN).	Adjust the volume.
		The input selector does not match the playback source.	Re-select the desired input source.
	The sound is noisy.	The unit is too close to a TV set or another similar appliance.	Turn off the TV or other appliance, and re-locate the unit.
	The unit has no response or could not reset.	External factors such as ESD (Electro-static discharge) affect the unit.	Remove the power cord and all power supply devices, then re-plug in the unit after one minute.
TAPE DECK	The tape does not move.	The cassette tape is not inserted properly.	Insert the cassette tape correctly.
	No sound from tape.	The tape heads are dirty.	Clean the tape heads by a special cleaning tapes. (Please buy it by yourself, it is not included in the fittings.)
	The sound is distorted or faint.		

Problem		Cause	Solution
TUNER UNIT	Can't listen to any station, or signal appears weak.	The station is not tuned-in properly.	Properly tune-in the desired station.
		A TV set is being used nearby and is interfering with the radio reception.	Turn off the interfering TV set.
	The sound is distorted.	The antenna is not oriented properly.	Re-orient the antenna until reception improves.
CD PLAYER	CD stops immediately after starting, or unit pauses or stops during play.	The CD is inserted upside down.	Insert the CD with the printed side right side up.
		The CD is dusty or there is condensation on the CD.	Carefully clean and dry the CD.
	No sound.	The CD player is paused.	Press the PLAY/PAUSE button.
	Specific CD is noisy, or playback stops or skips.	The CD is scratched, damaged or warped.	The CD should be changed.
		The disc is very dirty.	Carefully clean the CD.
	Can't record or display shows "NO DISC" on the display.	The CD-RW has been recorded on.	Erase the contents of the CD-RW.

Problem		Cause	Solution
PHONO PLAYER	The sound is noisy when playing the record.	The stylus is not placed in the middle center.	Place the stylus in the middle center.
	The sound is noisy when used for a period of time.	The stylus is damaged.	Please change a new stylus.



Product Warranty

Subject to the warranty repair conditions below, in addition to any applicable statutory warranties this product is warranted for 12 months from the original date of purchase covering both parts and labour.

The benefits conferred by this warranty are in addition to and not in derogation of all rights and remedies in respect of this product which the consumer has under the Trade Practices Act and other State and Territory laws.

Warranty Repair Conditions

- A. This Product Warranty only applies provided the product:-
- Has been purchased in Australia and sold by Authorised Distributors or Dealers and only where the products are used and serviced within Australia
 - Is taken for service when required to an Authorised Service Agent, together with written instructions indicating specific problem or function requiring investigation.
 - Has valid proof of purchase and presented when warranty service is requested.
 - Has only been used in a domestic application.
 - Has been installed and operated in accordance as noted in the operating instructions under normal use and reasonable care (in the opinion of the Service Centre).
 - Has not been damaged by the use of accessories which in the opinion of the Service Centre are defective or incompatible with the product.
 - Has not been tampered with or repaired (including unauthorised alterations) by anyone other than the AWA Service Centre or an Authorised Service Centre.
- B. This Product Warranty does not cover:-
- Damage, malfunction or failure resulting from use of incorrect voltages, incorrect installation, accidental damage, misuse, neglect, build-up of dirt or dust abuse, wear and tear, maladjustment of customer controls, mains supply problems, thunderstorm activity or Acts of God, pixel error, infestation by insects or vermin, exposure to abnormally corrosive conditions or any foreign object or matter having entered the product.
 - Mileage or travelling time in respect of service outside the authorised AWA Service Centre nor pick up and delivery cost incurred.
 - Service calls arising from failure to correctly operate the product or to observe noted instructions, or repair which reveals the product is in normal working order.
 - Cabinet parts, user replacement batteries or leads unless the defective items are reported at the time of purchase.
- C. Service calls only apply to Television display devices (CRT, LCD, Plasma) with screen sizes greater than 59cm in the major metropolitan areas of Australia or the normal operating areas of the nearest Authorised Service Centers.
- D. Requested service visits to the customer premises will be made during normal working hours of the customary working week upon request by the customer. Where such a visit is made on a day arranged by the customer and the service technician is unable to obtain access to the product, the Service Centre will be entitled to make a separate charge for service call fee, time and distance travelled.
- E. The AWA Service Centre and its Authorised Service Centres may charge for work done where the product is found to be in good working order. Example, charges may be made where the problem is found to be due to incorrect setting of customer controls, use of poor associated equipment (e.g. poor antenna systems) or the inability of the product to operate with faulty or incompatible equipment.
- F. If the product is sent to an Authorised Service Centre, the owner is responsible for the cost of transport to and from the Service Centre. In addition, the product is at the owners risk while in transit to and from the authorised Service Centre.
- G. No person is authorised to make or give any assertions, statements or undertakings, whether expressed or implied about the product other than or additional to the terms of this warranty.

Please read instruction manual carefully
Should you encounter any problems?

Please contact Telefix for Warranty Support
1300 366 144

Email: warrantyhelp@awa.com.au

The original proof of purchase must be kept and produced for service requirements under this Product Warranty.

Should you encounter any problems, please contact the help line
before you return this product back to the place of purchase.

Contact our Toll Free Warranty Support Help Line

1300 366 144

Email: warrantyhelp@awa.com.au

Visit our web site for FAQ's or request for service
www.awa.com.au