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

AVERTISSEMENT: pour éviter tout incendie ou électrocution, n'exposez pas cet appareil à la pluie ou l'humidité.

WARNING: To prevent electric shock, do not use this (polarized) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure

WARNING: Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to laser beam.

PRODUCT COMPLIES WITH DHHS RULE 21 CFR SUBCHAPTER J IN EFFECT AT DATE OF MANUFACTURE

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water. This apparatus shall not be exposed to dripping or splashing, and no objects filled with liquids, such as vases, shall be placed on the apparatus.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions. The apparatus should not be situated on a bed, sofa, rug or similar surface that may block the ventilation openings. The apparatus must not be placed in a built-in installation, such as a closed bookcase or cabinet that may impede the flow of air through the ventilation openings. Ventilation should not be impeded by covering the openings with items such as newspapers, tablecloths, curtains, etc.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. Extended exposure to temperatures higher that 170 degrees Fahrenheit, for example inside a closed vehicle during the summer, may result in damage to your product.
9. No open flame sources, such as lighted candles, should be placed on the apparatus.
10. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for the replacement of the obsolete outlet.
11. Protect the power cord from being walked on or pinched – particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
12. Do not install in an area which impedes the access to the power plug. Disconnecting the power plug is the only way to completely remove power to the product and must be readily accessible at all times.
13. Power source – Use only power supplies of the type specified in the operating instructions or as marked on the appliance. If a separate power supply is included with this apparatus, do not substitute with any other power supply – use only manufacturer-provided power supplies.
14. Unplug this apparatus during lightning storms or when unused for long periods of time.
15. If the unit will be unused for long periods of time, the batteries should be removed.
16. Do not place this product on an unstable surface. The product may fall, causing serious injury to a child or 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.
17. Move the appliance with care to avoid damage or injury.
18. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way: the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
19. For products which incorporate batteries, please refer to local regulations for proper battery disposal.

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

**NOTE:** This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to Part 15 of the FCC Rules. Those limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception. If this equipment does cause harmful interference, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Move the transmitter to a different physical location.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- If you cannot eliminate the interference, the FCC requires that you stop using your headphones.

**ACCESSORIES INCLUDED**
- 3.5MM TO 3.5MM AUX CABLE
- INSTRUCTION MANUAL
- WARRANTY (BACK OF MANUAL)
- 45 RPM ADAPTER
1. **PLAY/PAUSE ▶️ ||** Press to start playback. During playback, press again to pause.
2. **STEREO SPEAKERS**
3. **STOP ■** Press to stop playback
4. **OPEN/CLOSE ▲** In CD mode, use to open and close the disc tray.
5. **CD DISPLAY**
6. **RADIO TUNER KNOB** In FM or AM mode, turn to tune in a station
7. **3.5mm JACK**
   Accepts headphone/earphone plugs.
8. **DISC TRAY**
9. **“POWER ON/OFF”** Switch to turn the unit on or off.
10. **FUNCTION KNOB**
    Rotate the knob to select a function (CD/PHONO/FM/AM).
11. **“VOLUME” KNOB** Turn to adjust volume.
12. **PLAY MODE** In CD mode press to set a repeat/program playback.
13. **PREVIOUS TRACK /REWIND ▼▼**
    In CD Mode, press once to skip to the previous track. Press and hold to fast rewind.
14. **NEXT TRACK /FF ▶▶**
    In CD Mode, press once to skip to the next track. Press and hold to fast forward.
15. **RADIO TUNER DISPLAY**
16. **FM wire antenna**
    While tuned to a station in FM mode, extend the wire and reposition to adjust for best reception.
17. **AC Power Cord**
    Plugs into a wall outlet.
18. **CASSETTE FF & EJECT**
    Press halfway to fast forward. Press all the way to end to eject the tape.
19. **CASSETTE DECK**
    Insert a cassette tape. When a tape is inserted, it will stop the current playing function except the AUX function.
20. **AUX IN jack**
    For audio sources with 3.5mm jack, use plug on end of the audio cable into the jack and the other into the audio source. Once the AUX IN jack is occupied, all the other working function will be deactivated.
A. **Turntable.**

B. **Safety Screw (for transport)** Before using the unit, turn the screw clockwise using a coin or screwdriver.

*Important: When you transport the unit, turn the screw counterclockwise to secure the turntable.*

The silver screw on the back of the turntable is a balancer for both the turntable as well as for the tone arm.

Please turn this screw with a coin to either left or right and test by moving your tone arm to the middle of the spindle. Please note that this screw is a balancer and will have to be adjusted until the tone arm moves freely to the end of the record (middle of the spindle) without any resistance before using the turntable phonograph.

C. **Tone Arm holder.**

D. **Speed Selector.**

E. **Tone Arm.** Before use, completely loosen the fixed rope on the tone arm and uplift tone arm.

F. **45 RPM adaptor.**
SETUP / BASIC OPERATION

Setup
1. Remove white protective needle cover by gently pulling towards front of unit.
2. Remove any packaging materials from the unit.
3. Connect the AC power cord to a wall outlet.

*Note*: To prevent interference, avoid bundling audio signal cables together with the AC power cord.

Basic Operation
1. Push the POWER button to turn the unit on.
2. Select the source by rotating the FUNCTION knob to the corresponding position (CD / PHONO / FM / AM).
3. Rotate the VOLUME knob to adjust to the desired sound level.

Listening through Earphones/Headphones (*not included*)
For private listening, first reduce the volume level to minimum. Insert your headphones’ plug into the 3.5mm headphone jack on the front of the unit, then adjust the volume up by turning the VOLUME knob.

*Note*: The speakers will automatically be deactivated while headphones are plugged in.

CONDENSATION WARNING:
When the unit is moved from a cold or warm place, or is used following a sudden temperature change, there is the danger that water vapor in the air may condense on the unit, preventing proper operation. In such cases, leave the unit for 1-2 hours after plugging it into an AC outlet to allow it to stabilize at the temperature of its surroundings.

LISTENING TO A VINYL RECORD

1. Rotate the FUNCTION knob to the “PHONO” position.
2. Gently open the top cover.
   *Note*: Be careful not to pinch your finger when opening/closing the top cover.
3. Place a vinyl record on the turntable (3).
   When playing a 45 RPM record, use the included adaptor.
4. Select the appropriate speed (4).
5. Gently push tone arm clip (5) to the right to release the tone arm.
6. Lift the tone arm off the tone arm support and move the tone arm gently to the edge of the record (or the starting point of a track).
   The turntable will begin to turn.
7. Gently lower the tone arm slowly onto the record.
8. When playback is finished, the tone arm will stop at the center of the record and the turntable will stop.
9. After use, lift the tone arm back to the tone arm support and rellock the tone arm.
**Important:**
- Closing the top cover will help prevent dust from settling on the turntable.
- Always relock the tone arm clip before transporting the unit.
- Do not place anything on top of the turntable cover, especially while playing a record.

**LISTENING TO A CD**

1. Rotate the FUNCTION knob to the “CD” position (1). “- -” will blink for a few seconds.  
   **Note:** When no disc is set, “NO” will appear on the display.
2. Press the OPEN/CLOSE (▲) button (2).
3. Place a disc on the tray with the printed label face up.
4. Press the OPEN/CLOSE button (▲) to close the tray.
5. Press the PLAY/PAUSE button (►◄) to begin playback.
6. To temporarily pause playback, press the PLAY/PAUSE button (►◄). Press again to resume.
7. To skip tracks forward or backward, press the corresponding skip button (◄ ► or ◄ ◄). Pressing ◄ ◄ one will restart the current track. Pressing ◄ ◄ twice in succession will return to the beginning of the previous track.
8. To fast forward / rewind within a track, press and hold down the corresponding skip button until the desired position is reached.
9. To stop playback, press the STOP ■ button.

**Note:** CD playback will automatically begin if a CD is already in the disc tray before the unit is switched to the CD function.

**Important:**
- Never place more than one disc on the tray.
- The disc must be placed in the center of the disc tray. An incorrectly loaded disc can permanently damage the tray door mechanism.
- Do not push the CD tray – always use the OPEN/CLOSE button.
- It takes a moment for the unit to load a disc, during which all buttons will be temporarily deactivated.

**Repeat Playback/Programmed Playback**

Each time the PLAY MODE button is pressed, the repeat mode will cycle through the following options:

- **REPEAT 1 (Repeat one track)**  
  The current track will be played repeatedly. If you press the ◄ ◄ or ► ◄ button to select another track, the track you select will be played repeatedly.

- **REPEAT ALL (Repeat the entire CD)**  
  The entire CD will be played repeatedly.

**Notes:**
- If one of the following buttons is pressed, the repeat mode will be cancelled.  
  OPEN/CLOSE, POWER, or rotate the FUNCTION knob to FM, AM or PHONO position.
- Repeat playback works with finalized discs only.

**Programmed Playback**

Up to 20 tracks can be programmed to play in the desired order.

**Note:** Programmed playback works with finalized disc only.
1. Rotate the FUNCTION knob to the “CD” position to enter CD mode, then load a CD.
2. While the CD is stopped, press the PLAY MODE button.
3. “PROG” indicator blinks, and “01” appears on the display.
4. Press (◄ or ►) to select a track number.
5. Press the PLAY MODE button again to set the current track.
6. “02” is displayed. Repeat steps 4 thru 5 to program the additional tracks.
7. When the selection of track numbers has been finished, press the PLAY/PAUSE button (►) to start program playback.
8. To stop the playback, press the STOP (■).

**To check the programmed order**
In stop mode, press (◄ or ►) repeatedly to show the track numbers that have been programmed.

**To add a track to the end of the programmed order:**
In stop mode, press the PLAY MODE button.
Select a track number by pressing (◄ or ►), then press the PLAY MODE button.
The current track will be added to the end of the program.

**To clear the programmed order:**
Press STOP (■) when the CD is already stopped, or press OPEN/CLOSE, POWER, or rotate the FUNCTION knob to FM, AM or PHONO position.

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**LISTENING TO THE RADIO**

1. Rotate the FUNCTION knob to either “FM” or “AM” position.
2. Tune to the desired station using the Radio Tuner Knob.

Adjusting for Best Reception

*AM broadcast*: Rotate the unit to find the best position.
*FM broadcast*: Extend and reposition the FM antenna.

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**LISTENING TO AN EXTERNAL AUDIO DEVICE (AUX MODE)**

In AUX (auxiliary) mode, this unit can play audio from an external audio source (iPod, MP3 Player, Portable CD Player, etc.)

1. Plug one end of the AUX IN cable (included) into the AUX IN jack (at the side of the unit).
2. Plug the other end of the cable into the headphone jack of the external audio source.
3. Other working function will be deactivated.
4. Turn on the external audio source and set it to play.
5. Adjust the sound on the external audio source if possible.
6. Then adjust the sound on the unit accordingly.

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**LISTENING TO A CASSETTE TAPE**

There is no separate switch for cassette. When a cassette tape is inserted, it will stop the current playing function except the AUX function.

1. Load an audio cassette tape into the unit (located on the left side of the unit). Playback will automatically begin.
2. Press the button halfway to Fast Forward the tape.
   Press the button lightly and playback will resume.
3. Press the button completely down to end playback and eject Tape.
Compact Disc Handling
• Always place the disc on the disc tray with the label side facing upward (compact discs can be played only on one side).
• To remove a disc from its storage case, press down on the center of the case and lift the disc upward, holding it carefully by its edges.
• To clean a disc, wipe the surface from the center hole outward towards the outer edge with a soft, dry cloth.
• Never use chemicals such as record spray, antistatic sprays or fluid, benzine or thinner to clean discs; they will irreparably damage the disc’s plastic surface.
• Discs should be returned to their cases after use to protect from dust and scratches.
• Do not expose discs to direct sunlight, high humidity, or high temperature for extend periods of time.
• Printable CD-R and CD-RW discs are not recommended, as the label side may become 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 doing so may damage the recorded side.
• Do not use irregularly-shaped CDs (octagonal, heart shaped, business card size, etc), as they will damage the unit.
• Read all precautions supplied with any CD-R or CD-RW disc.
• Never handle a disc with dirty fingers.
• Never insert a disc that has a crack on the surface.

Handling Vinyl Records
• Do not touch the record’s grooves. Only handle records by the edges or the label with clean hands. Touching the record surface will cause your record’s quality to deteriorate.
• To clean a record, use a soft anti-static cloth to gently wipe the record surface.
• Keep records in their protective sleeves when not in use.
• Always store records upright on their edges.
• Avoid placing records in direct sunlight, close to a heat source (radiators, stoves, etc.), or in a location subject to vibration, excessive dust, heat, cold or moisture.

General Care
• When removing the power plug from the wall outlet, always pull directly on the plug. Never pull the cord.
• To keep the laser pickup clean, do not touch it, and do not forget to close the disc tray.
• Do not attempt to clean the unit with chemical solvents as this might damage the finish.
• For cleaning, only use a clean, dry cloth.
• 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.

How to Replace the Turntable Stylus
The stylus should last about 50 hours under normal use. However, it is recommended that the stylus be replaced as soon as you notice a change in sound quality. Prolonged use of a worn-out stylus may damage the record. The highest speed of 78 RPM records will wear out the stylus more quickly.

Removing the old stylus:
1. Set a screwdriver at the tip of the stylus and push downward (A).
2. Remove the stylus by pulling it simultaneously downward and forward.

Installing a new stylus:
1. Hold the front tip of the stylus and insert its rear edge (B) first.
2. Push the stylus upwards (C) until the tip locks into place.

Caution:
• Do not bend the stylus.
• Do not touch the needle to avoid injury your hand.
• Turn off the unit’s power before you replace the stylus.
• Keep out of reach of children.
SPECIFICATIONS

GENERAL
Power Requirements: AC 120 V~ 60 Hz
Power Consumption: 19W
Dimensions (W x H x D): 460x250x340mm (approx.)
Weight: 8.86 kgs (approx.)

AMPLIFIER
Output Power: 2W + 2W
Frequency Response: 60 to 20,000 Hz

SPEAKER SYSTEM
Type: 1-way
Impedance: 8 ohms
Input Power: Max. 5W

FM Radio
Range: 88 to 108 MHz

AM Radio
Range: 530 to 1710 KHz

CD PLAYER
Frequency Response: 60 to 20,000 Hz +/-4 dB
Signal-to-Noise Ratio: 55 dB (IEC-A)

CASSETTE PLAYER
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 +/-6 dB

RECORD PLAYER
Motor: DC servo motor
Drive System: Belt Drive
Speeds: 33-1/3 rpm, 45 rpm and 78 rpm
S/N Ratio: More than 50 dB
Cartridge Type: Ceramic Stereo Cartridge
Stylus: ITRRS-300
# TROUBLESHOOTING GUIDE

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Possible Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Unit will not power on.</td>
<td>• Unit is unplugged.</td>
<td>• Connect the unit to the AC power supply.</td>
</tr>
<tr>
<td>• No sound output from speakers.</td>
<td>• The volume level is set too low. • The input selector does not match the playback source.</td>
<td>• Adjust the volume. • Select the correct input source.</td>
</tr>
<tr>
<td>• Noise/Distortion in sound output.</td>
<td>• The unit is too close to a TV set or other interfering device.</td>
<td>• Turn off the TV or other appliance, and relocate the unit.</td>
</tr>
<tr>
<td>• Unit fails to respond.</td>
<td>• May result from external factors such as ESD (Electro-static discharge).</td>
<td>• Disconnect the power cord and external audio device. Re-plug the power cord after one minute.</td>
</tr>
<tr>
<td>• Cannot listen to any station, or signal appears weak.</td>
<td>• The station is not tuned-in properly. • A TV set is being used nearby and is interfering with the radio reception.</td>
<td>• Properly tune-in the desired station. • Turn-off the interfering TV set.</td>
</tr>
<tr>
<td>• The sound is distorted.</td>
<td>• The antenna is not oriented properly.</td>
<td>• Re-position the antenna until reception improves.</td>
</tr>
<tr>
<td>• CD stops immediately after starting, or unit pauses or stops during play.</td>
<td>• The CD is inserted upside down. • The CD is dusty or dirty or there is condensation on the CD.</td>
<td>• Insert the CD with the printed side right-side up. • Carefully clean and dry the CD.</td>
</tr>
<tr>
<td>• No sound.</td>
<td>• The CD player is paused.</td>
<td>• Press the PLAY/PAUSE button.</td>
</tr>
<tr>
<td>• CD playback is noisy, or playback stops or skips.</td>
<td>• The CD is scratched, damaged or warped. • The disc is very dirty.</td>
<td>• Replace CD with an undamaged one. • Carefully clean the CD.</td>
</tr>
<tr>
<td>• CD tray will not open</td>
<td>• CD mode is not selected.</td>
<td>• Select CD mode with the FUNCTION knob.</td>
</tr>
<tr>
<td>• Buttons are not functioning correctly.</td>
<td>• The unit is processing information (“- -” is displayed). • The unit needs to be restarted.</td>
<td>• Wait until the unit finished processing. • Turn the unit off, then on again.</td>
</tr>
<tr>
<td>• Decline in turntable audio performance</td>
<td>• The turntable stylus is worn out</td>
<td>• Replace the stylus</td>
</tr>
<tr>
<td>• No sound output with external audio device plugged into the AUX in jack.</td>
<td>• The external audio source is paused or off. • The sound is not loud enough or is muted.</td>
<td>• Set the external audio source to play or turn it on. • Adjust the volume level on the external audio source or un-mute the external audio source.</td>
</tr>
<tr>
<td>• The tape does not play.</td>
<td>• The cassette tape is not inserted properly. • The tape has reached the end.</td>
<td>• Insert the cassette tape correctly. • Flip the cassette.</td>
</tr>
</tbody>
</table>

For further assistance with your product, call Innovative Technology at TOLL FREE# 1-877-ITECH-97 (1-877-483-2497).
FCC STATEMENT

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

CALIFORNIA PROP 65 WARNING

"WARNING" This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. For more information on these regulations and a list of chemicals, log on the following website address:

http://www.oehha.ca.gov/prop65.html
Innovative Technology Electronics Corp.
Limited Warranty: 90 Days Labor, One Year Parts

Innovative Technology Electronics Corp. (IT) warrants the product to be free from “Defects" in materials under normal use for a period of “One Year” from the date of the original purchase. The Warranty is “Not” transferable. IT agrees, within the initial “90 Day” period, to repair or replace the product if it is determined to be defective at “No Charge”. It is further agreed that IT will cover the cost to repair or replace damaged “Parts” only for a total period of “One Year” from the date of the original purchase. The warranty does not cover cosmetic damage, antennas, AC cords, cabinets, headbands, ear-pads, or damage due to line power surges, connection to improper voltage supply or settings, misuse, mishandling, accident, acts of God or attempted repair by an unauthorized service agent.

To obtain service, the purchaser MUST present an original sales receipt / proof of purchase. Please contact us at www.ithomeproducts.com to request an RMA (Return Material Authorization) number to return products for service or replacement. Returns without an RMA number on the package will be refused and returned to sender. Upon receipt of the returning item and our full inspection (IT) may issue a replacement to customer for the same item or of one that has equivalent value and features. To return an item, supply full name, return address, phone number, item purchased, receipt of purchase and reason for return to obtain RMA number.

All returns must be in the original packaging or reasonable substitute to prevent damage. Customer “Must” include full name, shipping address and telephone number inside of package. No return will be shipped back to a PO Box or APO address.

Please include your check or money order in the amount of

• USD$5.00 for items $10.00 to $39.99 (Price Paid Per Unit)
• USD$10.00 for items $40.00 to $99.99. (Price Paid Per Unit)
• USD$16.00, for items $100.00 and up. (Price Paid Per Unit)
• Shipping fees are non-refundable

to be payable to Innovative Technology Electronics Corp. (for handling and return shipping charges) (IT) will not be responsible for delays or unprocessed claims resulting from a purchaser’s failure to provide any / all of the necessary information.
Send all inquiries or RMA request via our website www.ithomeproducts.com/support.

Innovative Technology Electronics Corp.
1 Channel Drive
Port Washington, NY 11050
Toll free: 1-877-483-2497
Website for support: www.ithomeproducts.com/support

There are no express warranties except as listed above.
REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CUSTOMER, (IT) SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.
Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.