



innovative technology.

INSTRUCTION MANUAL



MODEL: ITUT-301

USB Turntable Encoder

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 cause hazards.
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 unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, 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**-A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.



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 operating instructions.
12. **Main Plug** - The main plug is used as the disconnect device, the disconnect device shall remain readily accessible.
13. **Power-Cord Protection**- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

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 shall not be exposed to dripping or splashing, and no object filled with liquids such as vases, shall 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. **Wall or Ceiling Mounting**-The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

23. **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. In order to shut off the power of 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 a vacation.
2. Use of controls, adjustments and performance of procedures compare with those specified herein may result in hazardous radiation exposure.
3. If this product develops trouble, contact qualified service center, 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

RISK OF ELECTRIC SHOCK DO NOT OPEN

To reduce the risk of electric shock: do not remove cover(or back).

No user serviceable parts inside. Refer servicing to qualified service



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.

(See markings on the back of the unit.)

CAUTION:

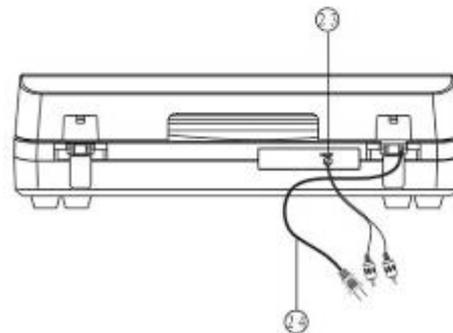
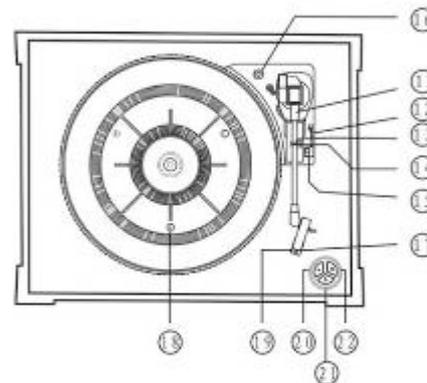
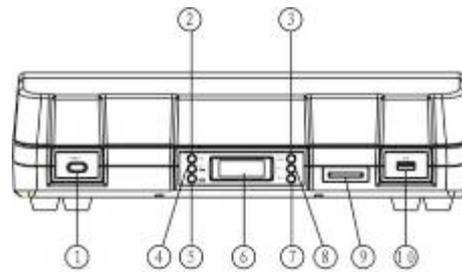
To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Before Use

1. 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.
2. 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.
3. When removing the power plug from the wall outlet, always pull directly on the plug, never pull the cord.
4. Do not attempt to clean the unit with chemical solvents as this might damage the unit.
Use a clean, dry cloth.
5. 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 a vacation.
6. Keep this manual in a safe place for future reference.

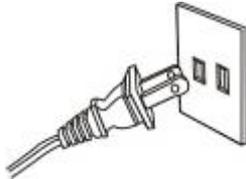
Location of parts

1. POWER SWITCH
2. FUNC BUTTON
3. PLAY/PAUSE
4. REC/REC-Q
5. STOP/DELETE
6. LCD
7. SKIP-
8. SKIP+
9. MMC SLOT
10. USB SLOT
11. TONE ARM
12. LIFT HANDLE
13. TONE ARM REST LOCK
14. TONE ARM REST
15. SPEED CONTROL SWITCH
16. TRANSIT SCREW
17. STYLUS
18. TURNTABLE
19. NEEDLE GUARD
20. PLAY+ BUTTON
21. EJECT BUTTON
22. STOP BUTTON
23. RCA LINE OUT CABLE
24. AC POWER CORD

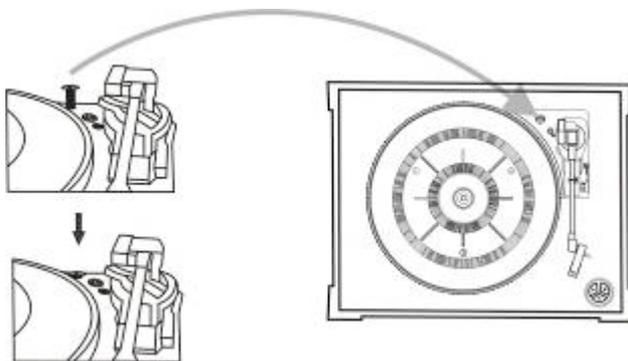


Preparation for Use to the main outlet

1. Remove all the packaging from the unit.
2. Connect the AC power cord to the main outlet.



3. The silver screw protects the phonograph chassis during transportation. If the speed of your phonograph seems slow or you hear a rubbing sound, adjust the screw with a coin to correct the balance of the turntable.



How To Replace The Stylus

Removing old stylus

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

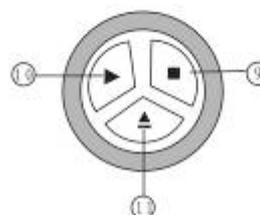
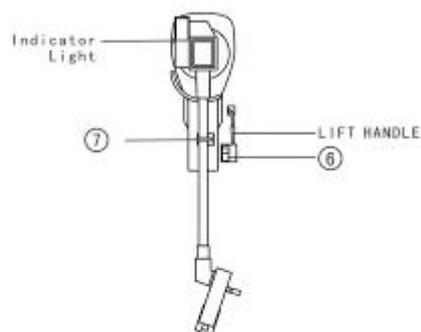
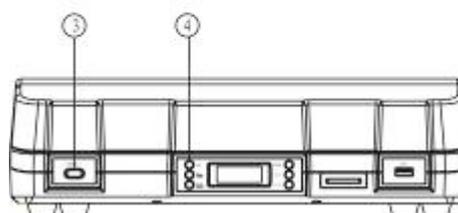
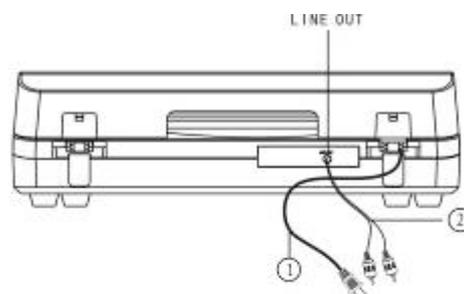
Installing a new stylus

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



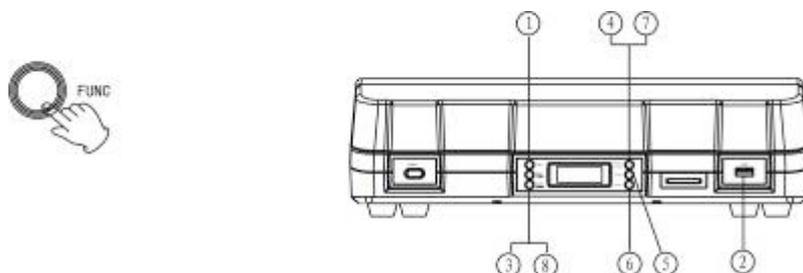
Listening to a Record

1. Connect the AC power cord to the main outlet, the standard supply is AC 120V ~ 60Hz.
 2. Plug the other ends of the RCA Cable into the auxiliary input (Aux) on your TV, home entertainment receiver or other music system, be sure that the red RCA Cable is inserted into the red jack and the white RCA Cable is inserted into the white jack.
 3. Switch on the unit using the POWER switch on the front.
 4. Press FUN button to select PHONO mode.
 5. Put a record onto the turntable, when playing the 45rpm record, remember to use the adapter which packed in the polybag along with the manual.
 6. Please select the correct speed according to the record album you want to play (33 1/3, 45 or 78 rpm).
 7. Remove the tone arm-rest holder, lift the lift handle and move the tone arm gently to the desired position over the record, lower the lift handle slowly, then the record will begin to play.
 8. Turn on the unit which you connected with this USB turntable by using the On/off Knob or Volume knob, adjust the volume knob to control the volume of the music.
 9. Press STOP button to stop playing.
 10. Press the PLAY button to continue playing.
 11. When the music playing ends, the tone arm will move back to the arm-rest automatically and the indicator light will light up. Or you can also press the eject button during the playing time and the tone arm will lift up from the record at that instance and then return back to the arm-rest.
- PLEASE NOTE: It will be approximately 20 seconds delay before the tone arm returns to the tone arm rest when playing at 78 RPM speed.
12. Remember to put the white plastic needle guard to protect the stylus and unplug the unit if the unit is not in use for extended periods of time.



Delete / Play the USB Host

1. Press the FUNC button to select the USB function.

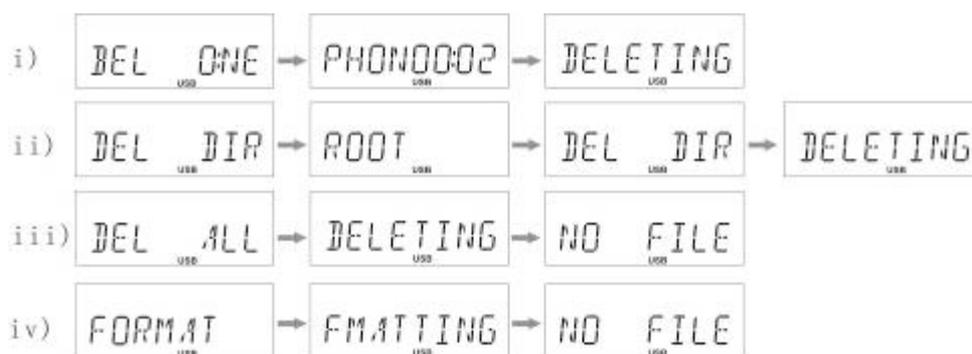


2. Insert an external audio source (ie. MP3 player) into the USB slot.

3. Press the SKIP+ or SKIP- button to select a track or press the SKIP+ or SKIP- button till the desired folder is reached. Then press and hold STOP/DELETE button for once, "DEL ONE" will show on the display, press this button again to delete current track.



Press SKIP+ (▶▶) or SKIP- (◀◀) button to select DEL ONE, DEL DIR, DEL ALL and FORMAT, press STOP/DELETE button again to perform order in current mode.



4. Press PLAY (▶||) button to play the external audio source.

5. Press the SKIP+ (▶▶) button once to go to the start of the next track.

6. Press the SKIP- (◀◀) button once to go back to the start of the current track. Press the FR button twice to go back to the start of the previous track.

7. Pausing the playing.



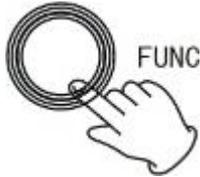
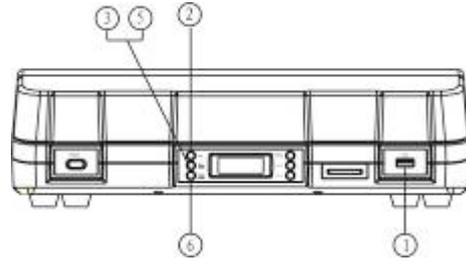
8. Stopping the playing.



Record to USB Host

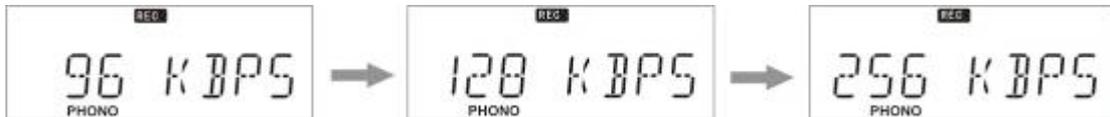
1. Insert an external audio source (ie. MP3 Player) into the USB slot.

2. Press the FUNC button to select the PHONO function, put a record onto the Turntable, and press PLAY/PAUSE button to play the record.



3. Shortly press the REC/REC-Q button to record tracks into USB.

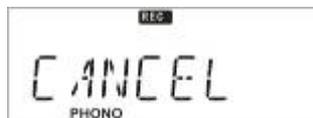
4. Press and hold REC/REC-Q button to select REC-Q function, press SKIP+ (▶▶) and SKIP- (◀◀) button to select the REC-Q, such as 96KB, 128KB or 256KB, and then press REC/REC-Q button to record.



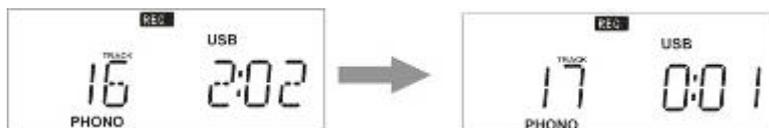
5. Press REC/REC-Q button again to stop record in recording mode.



6. In recording mode, press STOP (■) button for once, the "CANCEL" will flash on the display. Press this button for twice to cancel record in recording mode.



7. During encoding, press SKIP+ (▶▶) button to add recording track quantity.



When "REC ERR" appears, it already changes to display "PLEASE FORMAT" and automatically cancels the recording when seeing "REC ERR". Press and hold STOP/DELETE button, and then press SKIP+ () or SKIP- () button to select DEL ONE, DEL DIR, DEL ALL and FORMAT. When select "FORMAT", "FORMAT" will flash on the display, press the STOP/DELETE button again to formatting all files.

Note:

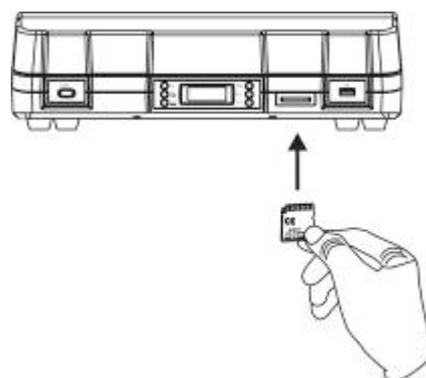
1. Recording will be complete only when the entire song has been encoded. If the encoding process is terminated intermediately, there will be no track recorded nor saved to the USB memory device.
2. No song title will be recorded during encoding mode.
3. Some USB drives may not be supported for recording because they are not formatted in a supported parameter. In such cases, backup the content in the drive, and then use the FORMAT function as described in the previous section and then try recording again. Most of the incompatibility problems of recording can be resolved by following these steps.
4. The unit can record songs directly to memory media via the USB port on the front, so neither a USB host nor additional software is needed. Also, there is no need to set up a USB software driver before encoding.
5. Unit cannot play music files directly from your PC. MP3's must be stored on a portable memory device, such as a SD/MMC CARD, and inserted into the unit's USB or SD/MMC SLOT.

MMC/SD Card

Insert SD card correctly



Misplug the SD card

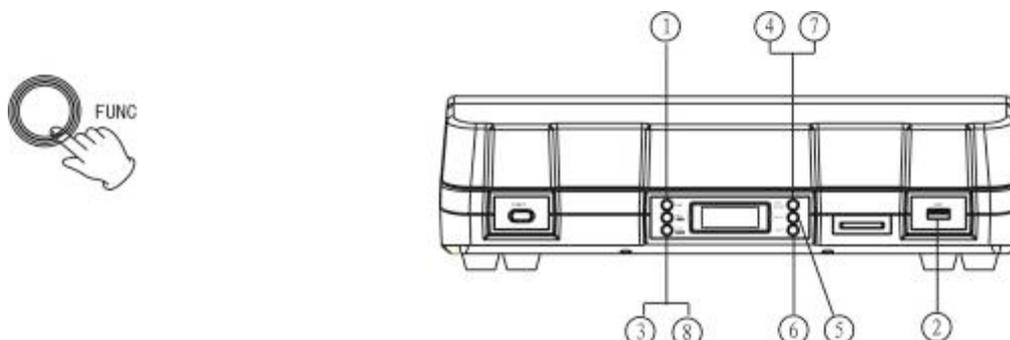


NOTE:

- * If the card becomes dirty, wipe the surface with a soft, dry cloth.
- * 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 the card to direct sunlight or high humidity and temperature for extended periods.

Delete / Play the MMC/SD Card

1. Press the FUNC button to select the CARD function.



2. Insert a MMC/SD card into the MMC/SD slot.

3. Press the SKIP+ or SKIP- button to select a track or press the SKIP+ or SKIP- button till the desired folder is reached. Then press and hold STOP/DELETE button for once, "DEL ONE" will show on the display, press this button again to delete current track.

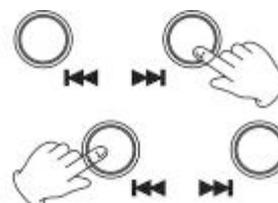


Press SKIP+ (▶▶) or SKIP- (◀◀) button to select DEL ONE, DEL DIR, DEL ALL and FORMAT, press STOP/DELETE button again to perform order in current mode.



4. Press PLAY (▶||) button to play the external audio source.

5. Press the SKIP+ (▶▶) button once to go the start of the next track.



6. Press the SKIP- (◀◀) button once to go back to the start of the current track. Press the FR button twice to go back to the start of the previous track.

7. Pausing the playing.

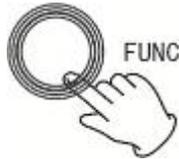
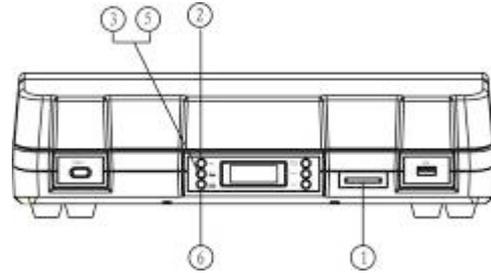


8. Stopping the playing.



Record to MMC/SD Card

1. Insert a MMC/SD card into the MMC/SD slot.
2. Press the FUNC button to select the PHONO function, put a record onto the Turntable, and press PLAY/PAUSE button to play the record.



3. Shortly press the REC/REC-Q button to record tracks into MMC/SD Card.



4. Press and hold REC/REC-Q button to select REC-Q function, press SKIP+ (⏮) and SKIP- (⏭) button to select the REC-Q, such as COPY ONE, COPY DIR, COPY ALL, and then press REC/REC-Q button to record



5. Press REC/REC-Q button again to stop record in recording mode.



6. In recording mode, press STOP (■) button for once, the "CANCEL" will flash on the display. Press this button for twice to cancel record in recording mode.



7. During encoding, press SKIP+ (⏭) button to add recording track quantity.



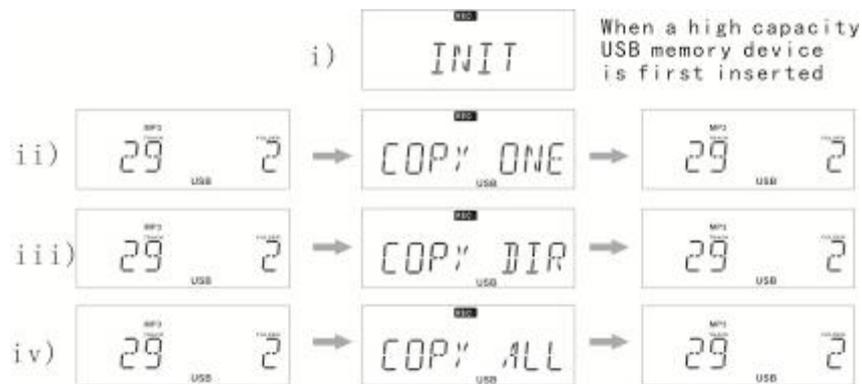
After records continually until the memory fully, it may change to PHONO mode.

NOTE: When insert USB and CARD at the same time, USB have priority to record. Take out the USB to record CARD.

USB and MMC/SD Card (Record with each other)

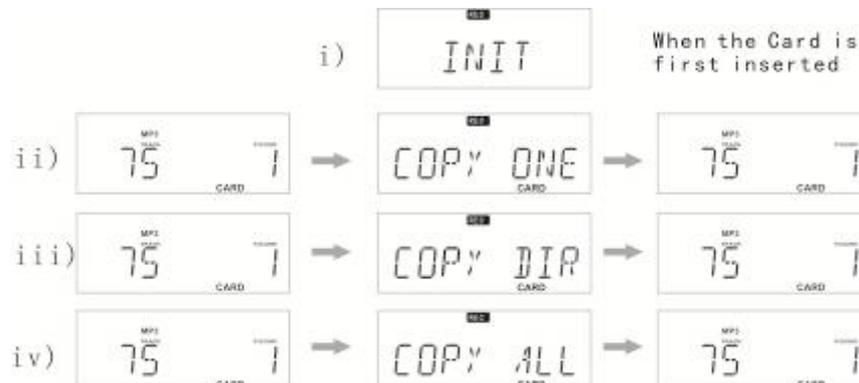
Record to MMC/SD Card from USB

1. Insert USB and CARD at the same time.
2. Press the FUNC button to select the USB function.
3. Shortly press the REC/REC-Q button to record tracks into MMC/SD Card.
4. Press the SKIP+ or SKIP- button to select a track or press the SKIP+ or SKIP- button till the desired folder is reached. Then press and hold REC/REC-Q button to select REC-Q function, press SKIP+ (▶▶) and SKIP- (◀◀) button to select the REC-Q, such as COPY ONE, COPY DIR, COPY ALL, and then press REC/REC-Q button to record tracks into the MMC/SD card.



Record to USB from MMC/SD

1. Insert USB and CARD at the same time.
2. Press the FUNC button to select the CARD function.
3. Shortly press the REC/REC-Q button to record tracks into USB.
4. Press the SKIP+ or SKIP- button to select a track or press the SKIP+ or SKIP- button till the desired folder is reached. Then press and hold REC/REC-Q button to select REC-Q function, press SKIP+ (◀◀) and SKIP- (▶▶) button to select the REC-Q, such as COPY ONE, COPY DIR, COPY ALL, and then press REC/REC-Q button to record tracks into the USB.



Specifications

RECORD PLAYER section

Motor.....	DC servo motor
Drive System.....	Belt Drive
Speeds.....	33-1/3 rpm, 45 rpm and 78 rpm
Wow&Flutter.....	Less than 0.25%(WTD)
S/N Ratio.....	More than 50 dB
Cartridge Type.....	Ceramic Stereo Cartridge
Stylus.....	402-M208-165
Output Level.....	160-380 mV (5 cm/sec at 1 KHz)

GENERAL

Power Requirements.....	AC 120 V~ 60 Hz
Power Consumption.....	5 W

Troubleshooting Guide

In case of 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.
	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 relocate the unit.
USB PLAYE	When "REC ERR" appears	The format is wrong.	Press and hold STOP/DELETE button, and then press SKIP+ () or SKIP- () button to select DEL ONE, DEL DIR, DEL ALL and FORMAT. When select "FORMAT", "FORMAT" will flash on the display, press the STOP/DELETE button again to formatting all files.



Instructions shall caution users that modifications not approved by the party responsible for compliance could void user's authority to operate the equipment.

The following or equivalent as appropriate:

“NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

Statement that the product complies with Part 15 (i.e. “This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.”)

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 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 please contact IT for Merchandise Return Authorization (MRA) number by sending a self addressed stamped envelope to the address below. The original purchaser MUST present a sales receipt / proof of purchase indicating date of purchase, amount paid, and place of purchase, Send the unit prepaid to the address below in the original packaging or reasonable substitute to prevent damage. You "Must" include your full name, shipping address and telephone number and Merchandise Return Authorization (MRA) number for our reference. No return will be shipped back to a PO Box. Please include your check or money order in the amount of \$12.00, payable to Innovative Technology Electronics Corp., to cover handling and return shipping charges. IT will not be responsible for delays or unprocessed claims resulting from a purchaser's failure to provide any or all of the necessary information.

Send all inquires or returns to:

Customer Service Dept.
Innovative Technology Electronics Corp
4 Anchor Way, Port Washington, NY 11050
Tel : 1-877-ITECH-97 (1-877-483-2497)
Website: www.ithomeproducts.com
EMAIL: support@ithomeproducts.com

There are no express warranties except as listed above.

PEPAIR OR REPLACEMENT AS PROVIDED UNER 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 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.