

# MT-28SP/BT

**TURNTABLE WITH CD/MP3 PLAYER, PLL RADIO, AUX IN,  
CLOCK ALARM, REMOTE CONTROL AND EXTERNAL SPEAKER BOX**



## INSTRUCTION MANUAL

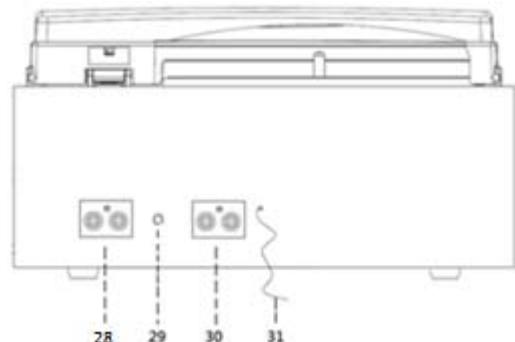
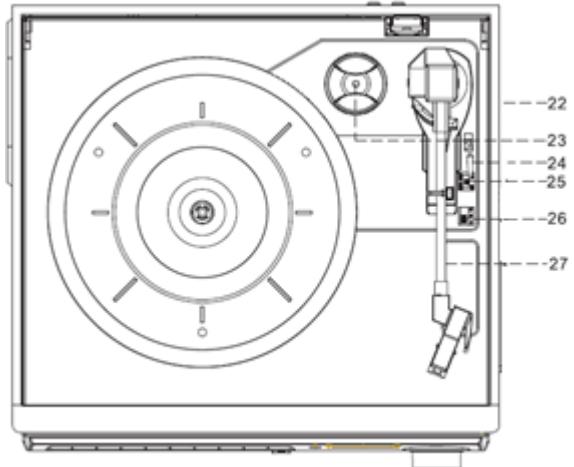
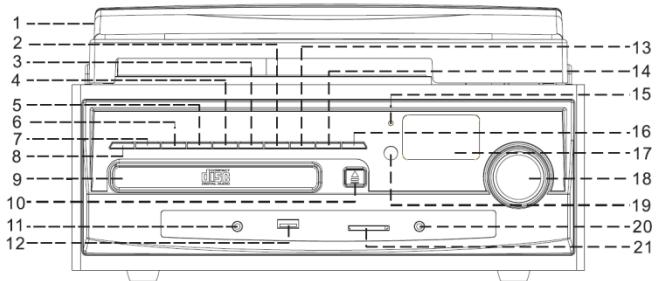
*READ THIS INSTRUCTION MANUAL CAREFULLY BEFORE USE*

## PRODUCT FEATURES

- 33/45/78 RPM SELECTABLE TURNTABLE
- AUTOMATIC / MANUAL STOP TURNTABLE
- BELT DRIVEN SYSTEM
- BLUETOOTH WIRELESS MUSIC STREAMING WITH NFC Slave
- PRORAMMABLE CD/MP3 PLAYER
- DIRECT USB/SD ENCODING FOR CD, TURNTABLE, FM RADIO & AUX IN
- AUX IN FOR CONNECTION OF OTHER DEVICE (EG. MOBILE PHONE)
- USB/SD SLOT FOR MP3 PLAYBACK
- PLL RADIO WITH PRESET 20 AM & 30 FM STATIONS
- CLOCK / SLEEP / TIMER FUNCTION
- LCD DISPLAY WITH BLUE BACKLIGHT
- RCA LINE-OUT
- 2 x 25W EXTERNAL SPEAKER
- 45RPM ADAPTOR, REMOTE CONTROL & EXTERNAL POWER ADAPTOR INCLUDED

## LOCATION OF CONTROL

- 1) DUST COVER
- 2) SKIP DOWN  BUTTON
- 3) STOP  / BAND BUTTON
- 4) PLAY/PAUSE  BUTTON
- 5) MODE / CLOCK
- 6) REC / DEL
- 7) SLEEP / TIMER
- 8) FUNCTION
- 9) CD DOOR
- 10) CD DOOR BUTTON
- 11) EARPHONE JACK
- 12) USB SOCKET
- 13) SKIP UP  BUTTON
- 14) ALBUM / PRESET DOWN
- 15) STANDBY INDICATOR
- 16) ALBUM / PRESET UP
- 17) LCD DISPLAY
- 18) POWER / VOLUME KNOB
- 19) REMOTE CONTROL RECEIVER
- 20) AUX IN JACK
- 21) SD/MMC CARD SLOT
- 22) CABINET
- 23) 45 RPM ADAPTOR
- 24) LIFT LEVER (FOR RECORD PLAY / PAUSE)
- 25) AUTO STOP ON/OFF BUTTON
- 26) 33/45/78 RPM SPEED SELECTOR
- 27) TONE ARM
- 28) LINE-OUT SOCKET
- 29) EXTERNAL POWER ADAPTOR JACK
- 30) SPEAKER BOX CONNECTION RCA JACK
- 31) FM WIRE ANTENNA



**CAUTION:**

USAGE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.  
THIS UNIT SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT QUALIFIED SERVICE PERSONNEL.

**WARNING:**

- THE APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.
- BATTERIES (BATTERY PACK OR BATTERIES INSTALLED) SHALL NOT BE EXPOSED TO EXCESSIVE HEAT SUCH AS SUNSHINE, FIRE OR THE LIKE.
- THE MAINS PLUGS OR AN APPLIANCE COUPLER IS USED AS THE DISCONNECT DEVICE, AND THE DISCONNECT DEVICE SHALL REMAIN READILY OPERABLE.

**PRECAUTIONS FOR USE****INSTALLATION**

- UNPACK ALL PARTS AND REMOVE PROTECTIVE MATERIAL.
- DO NOT CONNECT THE UNIT TO THE MAINS BEFORE CHECKING THE MAINS VOLTAGE AND BEFORE ALL OTHER CONNECTIONS HAVE BEEN MADE.
- DO NOT COVER ANY VENTS AND MAKE SURE THAT THERE IS A SPACE OF SEVERAL CENTIMETERS AROUND THE UNIT FOR VENTILATION.

**CONNECTION**

1. CONNECT EXTERNAL POWER ADAPTOR TO EXTERNAL POWER ADAPTOR JACK (29).
2. CONNECT EXTERNAL SPEAKER BOX WITH THE SPEAKER BOX CONNECTION RCA JACK (30) OF THE UNIT BACK PANEL.
3. PUSH THE POWER KNOB (18) TO SWITCH ON THE UNIT, STANDBY INDICATOR (15) WILL BE OFF. IF THE BACKLIGHT ON THE LCD DISPLAY LIGHTS UP, IT MEANS THE POWER SUPPLY IS NORMAL, NOW YOUR SYSTEM IS READY FOR USE.

**SETTING THE CLOCK**

1. WHEN THE STANDBY INDICATOR (15) LIGHT UP, UNIT IS IN THE STANDBY MODE.
2. DURING STANDBY MODE, SELECT BETWEEN 12H OR 24H MODE: PRESS AND HOLD MODE BUTTON (5) FOR 3-5 SECONDS, 12H / 24H WILL BE FLASHING. PRESS SKIP UP (13) OR SKIP DOWN (2) BUTTON TO SELECT 12H / 24H MODE. PRESS MODE BUTTON (5) AGAIN TO CONFIRM.
3. SETTING HOUR: PRESS SKIP UP (13) OR SKIP DOWN (2) BUTTON TO SELECT THE CORRECT HOUR, THEN PRESS MODE BUTTON (5) AGAIN TO CONFIRM.
4. SETTING MINUTE: AFTER STEP 3 IS COMPLETED, PRESS SKIP UP (13) OR SKIP DOWN (2) BUTTON TO SELECT THE CORRECT MINUTE, THEN PRESS MODE BUTTON (5) AGAIN TO CONFIRM.

**SETTING ALARM**

1. DURING STANDBY MODE, HOLD TIMER BUTTON (7) FOR 3-5 SECONDS. SETTING ALARM SEQUENCE IS "ALARM ON TIME > ALARM OFF TIME > ALARM MODE > ALARM VOLUME".
2. SETTING ALARM ON TIME: "ON" IS LIGHTING ON THE DISPLAY
  - i. SETTING HOUR: PRESS SKIP UP (13) OR SKIP DOWN (2) BUTTON TO SELECT THE CORRECT HOUR, THEN PRESS TIMER BUTTON (7) AGAIN TO CONFIRM.
  - ii. SETTING MINUTE: PRESS SKIP UP (13) OR SKIP DOWN (2) BUTTON TO SELECT THE CORRECT MINUTE, THEN PRESS TIMER BUTTON (7) AGAIN TO CONFIRM.
3. SETTING ALARM OFF TIME: "OFF" IS LIGHTING ON THE DISPLAY:
  - i. SETTING HOUR: PRESS SKIP UP (13) OR SKIP DOWN (2) BUTTON TO SELECT THE CORRECT HOUR, THEN PRESS TIMER BUTTON (7) AGAIN TO CONFIRM.
  - ii. SETTING MINUTE: PRESS SKIP UP (13) OR SKIP DOWN (2) BUTTON TO SELECT THE CORRECT MINUTE, THEN PRESS TIMER BUTTON (7) AGAIN TO CONFIRM.
4. SETTING ALARM MODE: "TUNE" IS LIGHTING UP ON THE DISPLAY:
  - i. PRESS SKIP UP (13) OR SKIP DOWN (2) BUTTON TO SELECT THE ALARM MODE.
  - ii. SEQUENCE IS TUNE > CD > USB > SD, PRESS TIMER BUTTON (7) AGAIN TO CONFIRM.
5. SETTING ALARM VOLUME: "V - " IS LIGHTING UP ON THE DISPLAY:
  - i. PRESS SKIP UP (13) OR SKIP DOWN (2) BUTTON TO SELECT THE ALARM VOLUME, PRESS TIMER BUTTON (7) AGAIN TO CONFIRM.

6. SETTING ALARM IS COMPLETED, THE DISPLAY WILL SHOW THE SETTING AGAIN FOR USER'S CHECKING
7. "CLOCK" ICON IS FLASHING WHEN ALARM IS IN ACTIVE. "CLOCK" ICON LIGHTS UP WHEN ALARM IS SETTING IS STORED BUT NOT IN ACTIVE YET.
8. CANCEL ALARM: DURING STANDBY MODE, WHEN "CLOCK" ICON IS ON, PRESS TIMER BUTTON (7), "CLOCK" ICON WILL BE OFF.

### **SNOOZE FUNCTION**

PRESS "SNOOZE" BUTTON ON THE REMOTE CONTROL WHEN ALARM IN ACTIVE, ALARM WILL BE SILENT FOR 10 MINUTES. AFTER 10-MINUTE SNOOZE INTERVAL, ALARM WILL BE ACTIVE AGAIN. SNOOZE CAN BE USED FOR REPEATEDLY WITHIN THE 1-HOUR ALARM ACTIVE INTERVAL.

### **TIMER FUNCTION**

1. PUSH THE POWER KNOB (18) TILL THE STANDBY INDICATOR (5) LIGHT OFF. UNIT IS TURNING FROM STANDBY MODE TO OPERATION MODE.
2. WHEN THE UNIT IS TURNED ON, PRESS SLEEP BUTTON (7) REPEATEDLY TO CHOOSE THE SLEEP TIME MINUTES FROM 90>80>70.....>10 OFF.
3. SLEEP TIME SETTING IS STORED WHEN THE "SLEEP" ICON LIGHTS UP ON THE DISPLAY.
4. WHEN THE SLEEP TIME MINUTES IS OVER, UNIT WILL BE SWITCHED TO STANDBY MODE AUTOMATICALLY.

## **LISTENING TO RADIO**

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### **RADIO TUNING**

1. PRESS FUNCTION BUTTON (8) TO SELECT "TUNE" MODE.
2. SELECT THE DESIRED BAND BY RADIO BAND BUTTON (3) (AM OR FM).
3. TUNE TO THE REQUIRED STATION BY PRESSING SKIP UP (13) OR SKIP DOWN (2) BUTTON FOR 1-2 SECONDS, AND THEN RELEASE.
4. THE UNIT WILL START SEEKING AUTOMATICALLY AND STOP WHEN A RADIO STATION IS FOUND.

### **MANUAL PRESET RADIO STATIONS**

1. WHEN THE DESIRED RADIO STATION IS FOUND, PRESS MODE BUTTON (5), PROGRAM NUMBER WILL BE FLASHING.
2. PRESS PRESET UP (13) OR PRESET DOWN (2) TO CHOOSE THE PROGRAM NUMBER FOR STORING THE DESIRED RADIO STATION.
3. PRESS MODE BUTTON (5) AGAIN TO CONFIRM, PROGRAM NUMBER WILL STOP TO FLASH.
4. REPEAT STEP 2 & 3 UNTIL ALL DESIRED RADIO STATIONS IS BEING FOUND AND STORED
5. PRESS PRESET UP (13) OR PRESET DOWN (2) TO CHOOSE THE PRESET RADIO STATIONS.
6. THE NUMBER OF STATIONS CAN BE FOUND AND STORED IS DEPENDED ON THE RECEPTION OF DIFFERENT AREA AND COUNTRIES.

### **AUTO PRESET RADIO STATIONS**

1. DURING RADIO MODE, PRESS THE PLAY/PAUSE (4), THE UNIT WILL AUTOMATICALLY SCAN THE RADIO FREQUENCY. WHEN THE CLEAR SIGNAL IS FOUND, IT WILL AUTOMATICALLY STORE THE RADIO STATION, STARTING FROM PROGRAM NUMBER 1.
2. THE NUMBER OF STATIONS CAN BE FOUND AND STORED IS DEPENDED ON THE RECEPTION OF DIFFERENT AREA AND COUNTRIES.

### **FM & FM-STEREO RECEPTION**

- PRESS "FM ST." BUTTON ON THE REMOTE CONTROL TO SELECT FM MONO OR FM STEREO MODE. WHEN STEREO SIGNAL ARE WEAK. IT IS PREFERABLE TO RECEIVE THE PROGRAM IN MONO.
- "ST" ICON LIGHT UP ON THE DISPLAY TO SHOW FM STEREO MODE IS RECEIVING.

### **HINTS FOR BETTER RECEPTION**

1. AM: THERE IS A BUILT-IN AM BAR ANTENNA. IF AM RECECEPTION IS WEAK, SLIGHTLY ROTATING OR RE-POSITIONING OF THE UNIT WILL USUALLY IMPROVE THE AM RECEPTION.
2. FM : THE RECEIVER HAS A BUILT-IN FM WIRE ANTENNA HANGING AT THE REAR CABINET. THIS WIRE SHOULD BE TOTALLY UNRAVELED AND EXTENDED FOR BEST RECEPTION.

### **FM & FM-STEREO RADIO ENCODING**

1. PRESS FUNCTION BUTTON (8) TO SELECT "TUNE" MODE AND SELECT THE DESIRED BAND BY RADIO BAND BUTTON (3) (AM OR FM).

2. INSERT MEMORY DEVICE (USB DRIVE, SD OR MMC CARD)
3. PRESS THE "REC" BUTTON (6), IT WILL TAKE 3-5 SECONDS TO READ MEMORY DEVICE. THEN USB OR SD ICON WILL BE FLASHING.
4. PRESS SKIP UP **▶▶** BUTTON (13) OR SKIP DOWN **◀◀** BUTTON (2) TO SELECT DESIRED MODE (USB OR SD) FOR ENCODING. THEN PRESS THE "REC" BUTTON (6) AGAIN TO CONFIRM. AND THE SYSTEM IS STARTING THE ENCODING MODE AFTER FEW SECONDDSS.
5. IF ONLY USB DRIVE, SD OR MMC CARD IS INSERTED, STEP 4 CAN BE SKIPPED.
6. THE USB OR SD ICON WILL BE FLASHING ON THE DISPLAY DURNIG ENCODING.
7. TO FINISH ENCODING, PRESS STOP **■** BUTTON (3) AND DISPLAY WILL SHOW "END" AND RETURN TO "TUNER" MODE.

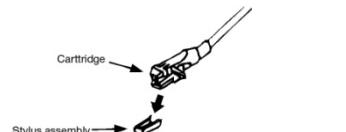
**REMARK:-**

- THE RECORDING SPEED IS 1:1 AND ACCORDING TO THE ACTUAL PLAYING TIME OF FM OR FM-ST RADIO
- THE RECORDING FORMAT IS PRESET AT – MP3 BIT RATE : 128 KBPS
- DURING FM & FM-STEREO RADIO ENCODING, RADIO FREQUENCY IS FXIED AND CANNOT BE TUNED

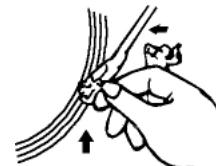
## PHONO & ENCODING

**NOTED:**

- REMOVE THE STYLUS PROTECTOR.
- BE SURE THAT THE TONE ARM IS BEING DETACHED FROM THE TONE ARM REST BEFORE OPERATING AND RE-SECURED AGAIN AFTERWARDS.



1. PRESS FUNCTION BUTTON (8) TO SELECT "PHON" ON DISPLAY.
2. SET THE SPEED SELECTOR (26) TO THE PROPER POSITION DEPENDING ON THE RECORD TO BE PLAYED.
3. PLACE THE RECORD ON THE PLATTER, USE THE 45 RPM ADAPTOR IF REQUIRED.
4. PUSH THE LIFT LEVER (24) UPWARD TO RAISE THE TONE ARM FROM THE ARM PARK, AND THEN SLOWLY MOVE IT TO THE RECORD SIDE. THE PLATTER WILL START TO ROTATE.
5. PUT DOWN THE LIFT LEVER (24) TO DROP THE TONE ARM AND TOUCH THE RECORD GENTLY. PHONO PLAYING STARTS NOW.
6. PUSH THE LIFT LEVER (24) UPWARD TO RAISE THE TONE ARM FROM THE ARM PARK, NOW PLATTER WILL STILL BE ROTATING BUT PHONO PLAYING WILL STOP. TO CONTINUE THE PLAYING, THE USER NEEDS TO PUT DOWN THE LIFT LEVER (24).
7. ADJUST THE VOLUME TO THE DESIRED LEVEL.
8. AT THE END OF RECORD, THE PLATTER WILL AUTOMATICALLY STOP ROTATING. PUSH THE LIFT LEVER (24) UPWARD TO RAISE THE TONE ARM AND MOVE IT TO THE ARM PARK, AND THEN PUT DOWN THE LIFT LEVER (24).
9. TO STOP MANUALLY, LIFT THE TONE ARM FROM THE RECORD AND RETURN IT TO THE ARM PARK.



**REMARK :** AS SOME KIND OF RECORD THE AUTO-STOP AREA WAS OUT OF THE UNIT SETTING, SO IT WILL STOP BEFORE THE LAST TRACK FINISHES. IN THIS CASE, SELECT THE AUTO-STOP SWITCH (25) TO " OFF " POSITION, THEN IT WILL RUN TO THE END OF THE RECORD BUT WILL NOT STOP AUTOMATICALLY (TURN OFF THE UNIT BY POWER BUTTON OR SWITCH BACK THE AUTO-STOP SWITCH (25) TO " ON " POSITION TO STOP THE PLATTER ROTATE). THEN PUT BACK THE TONE ARM TO THE ARM PARK.

## PHONO ENCODING

1. PRESS FUNCTION BUTTON (8) TO SELECT "PHON" ON DISPLAY AND THEN INSERT MEMORY DEVICE (USB DRIVE, SD OR MMC CARD).
2. PRESS THE "REC" BUTTON (6), IT WILL TAKE 3-5 SECONDS TO READ MEMORY DEVICE. THEN USB OR SD ICON WILL BE FLASHING.
3. PRESS SKIP UP **▶▶** BUTTON (13) OR SKIP DOWN **◀◀** BUTTON (2) TO SELECT DESIRED MODE (USB OR SD) FOR ENCODING. THEN PRESS THE "REC" BUTTON (6) AGAIN TO CONFIRM. AND THE SYSTEM IS STARTING THE ENCODING MODE AFTER FEW SECONDDSS.
4. IF ONLY USB DRIVE OR SD/MMC CARD IS INSERTED, STEP 3 CAN BE SKIPPED.
5. THE USB OR SD ICON WILL BE FLASHING ON THE DISPLAY DURNIG ENCODING.
6. TO FINISH ENCODING, PRESS STOP **■** BUTTON (3) AND DISPLAY WILL SHOW "END" AND RETURN TO PHONO MODE.

**REMARK:-**

- THE RECORDING SPEED IS 1:1 AND ACCORDING TO THE ACTUAL PLYING TIME OF THE PHONO
- THE RECORDING FORMAT IS PRESET AT – MP3 BIT RATE : 128 KBPS

## **AUX IN JACK & ENCODING**

PRESS FUNCTION BUTTON (8) TO SELECT "AUX" ON DISPLAY, THEN CONNECT THE EXTERNAL AUDIO DEVICE (SUCH AS CD PLAYER) THROUGH THE "AUX IN JACK" (20). AUDIO SIGNAL FROM THE EXTERNAL AUDIO DEVICE CAN BE PLAYED THROUGH THE SYSTEM.

### **AUX IN ENCODING**

1. PRESS FUNCTION BUTTON (8) TO SELECT "AUX" ON DISPLAY, THEN INSERT MEMORY DEVICE (USB DRIVE, SD OR MMC CARD)
2. PRESS THE "REC" BUTTON (6), IT WILL TAKE 3-5 SECONDS TO READ MEMORY DEVICE. THEN USB OR SD ICON WILL BE FLASHING.
3. PRESS SKIP UP **▶▶** BUTTON (13) OR SKIP DOWN **◀◀** BUTTON (2) TO SELECT DESIRED MODE (USB OR SD) FOR ENCODING. THEN PRESS THE "REC" BUTTON (6) AGAIN TO CONFIRM. AND THE SYSTEM IS STARTING THE ENCODING MODE AFTER FEW SECONDS.
4. IF ONLY USB DRIVE OR SD/MMC CARD IS INSERTED, STEP 3 CAN BE SKIPPED.
5. THE USB OR SD ICON WILL BE FLASHING ON THE DISPLAY DURING ENCODING.
6. TO FINISH ENCODING, PRESS STOP **■** BUTTON (3) AND DISPLAY WILL SHOW "END" AND RETURN TO "AUX" MODE.

#### **REMARK:-**

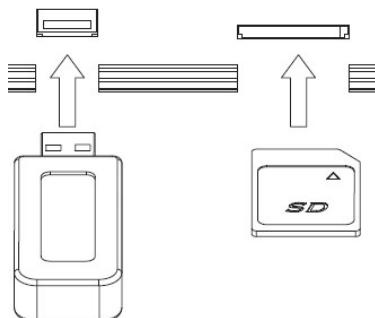
- THE RECORDING SPEED IS 1:1 AND ACCORDING TO THE ACTUAL PLAYING TIME OF THE EXTERNAL AUDIO DEVICE.
- THE RECORDING FORMAT IS PRESET AT – MP3 BIT RATE : 128 KBPS

## **PLAYBACK OF MP3/WMA SONG VIA USB STORAGE MEDIA OR MEMORY CARD**

### **CONNECTING**

THE SYSTEM IS ABLE TO DECODE AND PLAYBACK ALL MP3 / WMA FILE WHICH STORED IN THE MEMORY MEDIA WITH USB CONNECTING PORT OR SD/MMC MEMORY CARD.

1. PLUG-IN THE USB PLUG WITH THE FACE UP & MAKE SURE IT GOING INTO COMPLETELY OR INSERT THE MEMORY CARD IN THE DIRECTION OF THE ARROW AS SHOWN IN THE LABEL ON THE UNDERSIDE OF THE MEMORY CARD SLOT COVER. INSERT STRAIGHT WITHOUT BENDING.
2. CONNECTING THE USB UPSIDE DOWN OR BACKWARDS COULD DAMAGE THE AUDIO SYSTEM OR THE STORAGE MEDIA (USB THUMB DRIVE / SD/MMC CARD). CHECK TO BE SURE THE DIRECTION IS CORRECT BEFORE CONNECTION.



3. PRESS FUNCTION BUTTON (8) TO SELECT "USB" OR "CARD" ON DISPLAY, THEN INSERT MEMORY DEVICE (USB DRIVE, SD OR MMC CARD).
4. THE SYSTEM WILL START READING THE STORAGE MEDIA AUTOMATICALLY AFTER FUNCTION SELECTION, AND DISPLAY WILL SHOW THE TOTAL NUMBER OF MP3/WMA FILES (EG. 016).
5. THEN THE SYSTEM WILL START AUDIO PLAYBACK FROM DESIRED DEVICE (USB OR SD/MMC) AUTOMATICALLY.

#### **● PLAY / PAUSE BUTTON **▶▶****

- PRESS THE "PLAY/PAUSE" **▶▶** BUTTON (4) ONCE TO HALT PLAYING, PRESS IT AGAIN TO

CONTINUE.

● **STOP BUTTON ■**

- PRESS STOP ■ BUTTON (3) TO END UP AUDIO PLAYBACK, THEN DISPLAY WILL SHOW THE TOTAL NUMBER OF MP3/WMA FILES. AND THEN USER CAN PRESS "SKIP UP" ►► (13) OR "SKIP DOWN" ◀◀ (2) BUTTON TO SELECT FILE FORWARD OR BACKWARD.

● **SKIP UP ►► / SKIP DOWN ◀◀ BUTTON**

- DURING MP3/WMA PLAYBACK, PRESS "SKIP UP" ►► (13) BUTTON ONCE TO PLAY THE NEXT FILE. PRESS AND HOLD "SKIP UP" ►► (13) BUTTON CONTINUOUSLY TO SPEED UP SELECTING FORWARD.
- DURING MP3/WMA PLAYBACK, PRESS "SKIP DOWN" ◀◀ (2) BUTTON ONCE TO PLAY THE PREVIOUS FILE. PRESS AND HOLD "SKIP DOWN" ◀◀ (2) BUTTON CONTINUOUSLY TO SPEED UP SELECTING BACKWARD.

● **FOLDER SEARCHING**

PRESS ALBUM DOWN (14) OR ALBUM UP (16) TO SEARCH FOLDER BACKWARD OR FORWARD.

● **REPEAT FUNCTION**

DURING AUDIO PLAYBACK, PRESS MODE BUTTON (5) ONCE, SINGLE TRACK WILL BE PLAYED REPEATEDLY. PRESS MODE BUTTON (5) AGAIN, IT WILL REPEATEDLY PLAY ALL TRACKS IN THE WHOLE USB DRIVE, SD OR MMC CARD.

**REMARK**

- IF CONNECT THE SYSTEM TO MP3 PLAYER VIA THE USB SOCKET, DUE TO VARIANCES IN MP3 ENCODING FORMAT, SOME MP3 PLAYER MAY NOT BE ABLE TO PLAY VIA THE USB SOCKET. THIS IS NOT A MALFUNCTION OF THE SYSTEM.
- THERE ARE NUMEROUS USB AND SD DEVICE PRODUCERS ARE. SOLUTION AND FORMAT ARE VARIABLE BETEEN EACH OTHER. THEREFORE, WE DO NOT GARANTTEE THIS UNIT CAN SUPPORT ALL USB AND SD DEVICE FROM EVERY BRAND.
- SD CARD CAN BE SUPPORTED UP TO 8GB

**TRACKS PROGRAMMING**

TRACKS IN USB/SD CAN BE PROGRAMMED FOR MP3/WMA FILE AND PLAY IN ANY ORDER. BEFORE USE, BE SURE THE SYSTEM IS AT STOP MODE BEFORE PROGRAMMING:

1. SET AT "USB" OR "CARD" FUNCTION, THEN PRESS STOP BUTTON (3).
2. PRESS MODE BUTTON (5), "MEM" WILL BE FLASHING ON LCD DISPLAY. MOREOVER, IT WILL INDICATE PROGRAM NO. AND DIGITS FOR TRACK NO. TO BE PROGRAMMED.
3. SELECT A DESIRED TRACK BY PRESSING "SKIP UP" ►► (13) OR "SKIP DOWN" ◀◀ (2) BUTTON. IF FOLDER SELECTION IS REQUIRED, PRESSING ALBUM DOWN (14) OR ALBUM UP (16) TO SEARCH FOLDER BACKWARD OR FORWARD.
4. PRESS MODE BUTTON (5) TO CONFIRM AND STORE THE TRACK INTO MEMORY.
5. REPEAT STEPS 3 AND 4 TO ENTER ADDITIONAL TRACKS INTO THE MEMORY IF NECESSARY.
6. WHEN ALL THE DESIRED TRACKS HAVE BEEN PROGRAMMED, PRESS "PLAY/PAUSE" ►► BUTTON (4) TO PLAY THE TRACKS IN ASSIGNED ORDER.
7. PRESS STOP ■ BUTTON (3) TO STOP PLAYING OF PROGRAMMED TRACKES, PRESS STOP ■ BUTTON (3) AGAIN TO CANCEL PROGRAMMING.

**COPYING OF MP3/WMA FILE**

THE SYSTEM ALLOWS YOU TO COPY THE FILE FROM USB TO SD OR SD TO USB BY 1 FILE, 1 FOLDER OR ALL FILES.

**I) COPY 1 TRACK**

1. INSERT THE USB STORAGE MEDIA OR SD/MMC CARD, SET IN "USB" OR "CARD" MODE.
2. PRESS REC BUTTON (6) DURING THE PLAYBACK OF THE COPYING TRACK, THEN "ONE" WILL BE FLASHING ON THE DISPLAY. PRESS REC BUTTON (6) AGAIN TO CONFIRM.
3. THE USB OR SD ICON WILL BE FLASHING ON THE DISPLAY. COPYING IS PERFORMING NOW.
4. AFTER COMPLETING OF COPY, UNIT WILL STOP PLAYBACK AUTOMATICALLY.
5. DISPLAY WILL SHOW "END" AND BACK TO USB OR SD MODE.

**II) COPY 1 FOLDER**

1. INSERT THE USB STORAGE MEDIA OR SD/MMC CARD, SET IN "USB" OR "CARD" MODE.

2. PRESS ALBUM DOWN (14) OR ALBUM UP (16) TO SEARCH DESIRED FOLDER FOR COPYING.
3. PRESS REC BUTTON (6), THEN "ONE" WILL BE FLASHING ON THE DISPLAY. PRESS SKIP UP **▶▶** (13) / SKIP DOWN **◀◀** (2) BUTTON TO SELECT "DIR" ON THE DISPLAY. PRESS REC BUTTON (6) AGAIN TO CONFIRM.
4. USB OR SD ICON WILL BE FLASHING ON THE DISPLAY. COPYING IS PERFORMING NOW.
5. WHEN THE USB OR SD ICON STOPS FLASHING, IT MEANS THAT THE FOLDER COPYING IS COMPLETED.

### **III) COPY ALL TRACK**

1. INSERT THE USB STORAGE MEDIA OR SD/MMC CARD, SET IN "USB" OR "CARD" MODE.
2. PRESS REC BUTTON (6), THEN "ONE" WILL BE FLASHING ON THE DISPLAY. PRESS SKIP UP **▶▶** (13) / SKIP DOWN **◀◀** (2) BUTTON TO SELECT "ALL" ON THE DISPLAY. PRESS REC BUTTON (6) AGAIN TO CONFIRM.
4. USB OR SD ICON WILL BE FLASHING ON THE DISPLAY. COPYING IS PERFORMING NOW.
5. WHEN THE USB OR SD ICON WILL STOP FLASHING, IT MEANS THAT ALL TRACK COPYING IS COMPLETED.

REMARK:

- IF PRESS THE REC BUTTON (6) DURING PLAYBACK OF USB OR SD MODE, THE FILE WILL COPY FROM USB TO SD OR SD TO USB.

## **FILE DELETE FROM USB / SD CARD**

THE SYSTEM IS ABLE TO ERASE THE FILE STORED INSIDE THE USB DRIVE OR SD CARD BY FOLLOWING:-

### **I) DELETE 1 TRACK**

1. PRESS AND HOLD DEL BUTTON (6) FOR 3-5 SECONDS DURING THE PLAYBACK OF THE DESIRED TRACK, THEN "ONE" WILL BE FLASHING ON THE DISPLAY. PRESS DEL BUTTON (6) AGAIN TO CONFIRM.
2. "DEL" WILL BE SHOWN ON THE DISPLAY.
3. "DEL" WILL DISAPPEAR ON THE DISPLAY, IT MEANS THE TRACK IS DELETED.

### **II) DELETE 1 FOLDER**

1. INSERT THE USB STORAGE MEDIA OR SD/MMC CARD, SET IN "USB" OR "CARD" MODE & SET AT STOP MODE AFTER UNIT READING.
2. PRESS ALBUM DOWN (14) OR ALBUM UP (16) TO SEARCH DESIRED FOLDER FOR DELETING.
3. PRESS AND HOLD DEL BUTTON (6) FOR 3-5 SECONDS, "DEL" WILL SHOW ON THE DISPLAY. PRESS SKIP UP **▶▶** (13) / SKIP DOWN **◀◀** (2) BUTTON TO SELECT "DIR" ON THE DISPLAY. PRESS "DEL" BUTTON (6) AGAIN TO CONFIRM.
4. "DEL" WILL BE SHOWN ON THE DISPLAY. AFTER "DEL" DISAPPEARS IT MEANS THE DESIRED FOLDER IS DELETED.

### **II) DELETE ALL TRACK**

1. INSERT THE USB STORAGE MEDIA OR SD/MMC CARD, SET IN "USB" OR "CARD" MODE & SET AT STOP MODE AFTER UNIT READING.
2. PRESS AND HOLD DEL BUTTON (6) FOR 3-5 SECONDS, THEN "ONE" WILL BE FLASHING ON THE DISPLAY. PRESS SKIP UP **▶▶** (13) / SKIP DOWN **◀◀** (2) BUTTON TO SELECT "ALL" ON THE DISPLAY. PRESS DEL BUTTON (6) AGAIN TO CONFIRM.
3. USB OR SD ICON WILL BE FLASHING ON THE DISPLAY. DELETING IS PERFORMING NOW.
4. WHEN THE USB OR SD ICON STOPS FLASHING, IT MEANS THAT ALL TRACK COPYING IS COMPLETED.

**REMARK :** ALL THE FILES INSIDE THE USB STORAGE MEDIA OR SD CARD WILL BE DELETED COMPLETELY AFTER CONFIRMING TO "DEL" BUTTON.

## **REMOVING OF USB / MEMORY CARD**

TO REMOVE THE USB / MEMORY CARD, TURN OFF THE POWER OR SWITCH THE FUNCTION MODE TO OTHER MODE (TURNTABLE, AUX OR RADIO) FIRST, THEN UN-PLUG THE USB/SD DEVICE BY PULLING OUT THE SOCKET DIRECTLY.

## **COMPACT DISC (CD) PLAYBACK & ENCODING**

1. PRESS FUNCTON BUTTON (8) TO "CD" MODE.
2. PRESS CD DOOR BUTTON (10), CD DOOR (9) WILL BE OPENED, PUT THE CD IN THE TRAY AND PRESS CD DOOR BUTTON (10) AGAIN, CD DOOR (9) WILL BE CLOSED.
3. THE SYSTEM WILL START READING THE CD:

### **● PLAY / PAUSE BUTTON **▶||****

- PRESS THE PLAY/PAUSE **▶||** BUTTON (4) ONCE TO HALT PLAYING, PRESS IT AGAIN TO CONTINUE.

### ● **STOP BUTTON ■**

- PRESS THE STOP ■ BUTTON (3) TO END UP AUDIO PLAYBACK, THEN DISPLAY WILL SHOW THE TOTAL NUMBER OF TRACKS. AND THEN USER CAN PRESS SKIP UP ►► (13) OR SKIP DOWN ◀◀ (2) BUTTON TO SELECT TRACKS.

### ● **SKIP UP ►► / SKIP DOWN ◀◀ BUTTON**

- DURING CD PLAYBACK, PRESS SKIP UP ►► (13) BUTTON ONCE TO PLAY THE NEXT TRACK. PRESS AND HOLD SKIP UP ►► (13) BUTTON CONTINUOUSLY TO SPEED UP SELECTING FORWARD.
- DURING CD PLAYBACK, PRESS "SKIP DOWN" ◀◀ (2) BUTTON ONCE TO PLAY THE PREVIOUS TRACK. PRESS AND HOLD "SKIP DOWN" ◀◀ (2) BUTTON CONTINUOUSLY TO SPEED UP SELECTING BACKWARD.

### ● **FOLDER SEARCHING**

PRESS ALBUM DOWN (14) OR ALBUM UP (16) TO SEARCH FOLDER BACKWARD OR FORWARD.

### ● **REPEAT FUNCTION**

DURING AUDIO PLAYBACK, PRESS MODE BUTTON (5) ONCE, SINGLE TRACK WILL BE PLAYED REPEATEDLY. PRESS MODE BUTTON (5) AGAIN, IT WILL REPEATEDLY PLAY ALL TRACKS IN THE WHOLE CD.

## **TRACKS PROGRAMMING**

UP TO 60 MP3 TRACKS & 30 CD AUDIO FORMAT TRACK CAN BE PROGRAMMED AND PLAYED IN ANY ORDER. BEFORE USE, BE SURE THE SYSTEM IS AT STOP MODE BEFORE PROGRAMMING:

1. PRESS FUNCTON BUTTON (8) TO "CD" AND AT STOP MODE
- 2.PRESS THE MODE (5) BUTTON, "MEM" WILL BE FLASHING ON LCD DISPLAY. MOREOVER, IT WILL INDICATE PROGRAM NO. AND DIGITS FOR TRACK NO. TO BE PROGRAMMED.
- 3.SELECT A DESIRED TRACK BY PRESSING SKIP UP ►► (13) OR SKIP DOWN ◀◀ (2) BUTTON. FOR MP3/WMA DISC, PRESSING ALBUM DOWN (14) OR ALBUM UP (16) TO SEARCH FOLDER BACKWARD OR FORWARD.
- 4.PRESS THE MODE (5) BUTTON TO STORE THE TRACK INTO MEMORY.
- 5.REPEAT STEPS 3 AND 4 TO ENTER ADDITIONAL TRACKS INTO THE MEMORY IF NECESSARY.
- 6.WHEN ALL THE DESIRED TRACKS HAVE BEEN PROGRAMMED, PRESS "PLAY/PAUSE" ►► (4) BUTTON TO PLAY THE TRACKS IN ASSIGNED ORDER.
7. PRESS STOP ■ BUTTON (3) TO STOP PLAYING OF PROGRAMMED TRACKES, PRESS STOP ■ BUTTON (3) AGAIN TO CANCEL PROGRAMMING.

## **COPYING OF CD**

THE SYSTEM ALLOWS YOU TO COPY THE TRACK FROM CD TO USB OR SD BY 1 TRACK, 1 FOLDER OR ALL FILES.

### **I) COPY 1 TRACK**

- 1.INSERT THE USB STORAGE MEDIA OR SD/MMC CARD, PRESS FUNCTON BUTTON (8) TO "CD" MODE.
- 2.PRESS REC BUTTON (6) DURING THE PLAYBACK OF THE COPYING TRACK FROM CD, THEN "ONE" WILL BE FLASHING ON THE DISPLAY. PRESS REC BUTTON (6) AGAIN TO CONFIRM.
- 3.THE USB OR SD ICON WILL BE FLASHING ON THE DISPLAY. COPYING IS PERFORMING NOW.
- 4.AFTER COMPLETING OF COPY, UNIT WILL STOP PLAYBACK AUTOMATICALLY.
- 5.DISPLAY WILL SHOW "END" AND BACK TO CD MODE.

### **II) COPY 1 FOLDER (FOR MP3/WMA DISC ONLY)**

- 1.INSERT THE USB STORAGE MEDIA OR SD/MMC CARD, SET IN CD & STOP MODE AFTER UNIT READING.
2. PRESS ALBUM DOWN (14) OR ALBUM UP (16) TO SEARCH FOLDER FOR COPYING.
3. PRESS REC BUTTON (2), THEN "ONE" WILL BE FLASHING ON THE DISPLAY. PRESS SKIP UP ►► (13) / SKIP DOWN ◀◀ (2) BUTTON TO SELECT "DIR" ON THE DISPLAY. PRESS REC BUTTON (6) AGAIN TO CONFIRM.
4. USB OR SD ICON WILL BE FLASHING ON THE DISPLAY. COPYING IS PERFORMING NOW.
5. WHEN THE USB OR SD ICON STOPS FLASHING, IT MEANS THAT THE FOLDER COPYING IS COMPLETED.

### **III) COPY ALL TRACK**

- 1.INSERT THE USB STORAGE MEDIA OR SD/MMC CARD, PRESS FUNCTON BUTTON (8) TO "CD" MODE.
2. PRESS REC BUTTON (6), THEN "ONE" WILL BE FLASHING ON THE DISPLAY. PRESS SKIP UP ►► (13) / SKIP DOWN ◀◀ (2) BUTTON TO SELECT "ALL" ON THE DISPLAY. PRESS REC BUTTON (2) AGAIN TO CONFIRM.
4. USB OR SD ICON WILL BE FLASHING ON THE DISPLAY. COPYING IS PERFORMING NOW.

5. WHEN THE USB OR SD ICON STOPS FLASHING, IT MEANS THAT ALL TRACK COPYING IS COMPLETED.

### **SPLIT TRACK FUNCTION FOR USB/SD RECORDING FOR TURNTABLE/ AUX IN**

**1) MANUAL SPLIT OPERATION PROCEDURE:** DURING USB/SD RECORDING, THE USB/SD ICON WILL FLASH ON THE DISPLAY. IF A NEW TRACK IS REQUIRED, PRESS **MODE** BUTTON ON THE UNIT OR REMOTE CONTROL, DISPLAY WILL SHOW "TS", THEN THE UNIT WILL STOP RECORDING MOMENTARILY AND RESUME AGAIN. A NEW FILE WILL HAVE BEEN CREATED ON THE USB/SD DEVICE REPRESENTING A NEW TRACK.

**2) AUTO SPLIT OPERATION PROCEDURE:**

- BEFORE USB/SD RECORDING, PRESS **FUNCT** BUTTON TO SELECT AUDIO SOURCE, THEN PRESS **MODE** BUTTON ON THE UNIT OR REMOTE CONTROL, DISPLAY WILL SHOW "T-ON", WHICH MEANS THE AUTO SPLIT FUNCTION HAS ACTIVATED. THEN START USB/SD RECORDING, THE UNIT CAN AUTOMATICALLY DETECT THE SILENT PART BETWEEN EACH TRACK, AND CREATE A NEW FILE TO MOVE ON TO START RECORDING THE NEXT TRACK.

- IF NOT REQUIRED: PRESS **MODE** BUTTON ON THE UNIT OR REMOTE CONTROL BEFORE USB/SD RECORDING, DISPLAY WILL SHOW "T-OFF", WHICH MEANS AUTO SPLIT HAS BEEN DEACTIVATED.

- PLEASE NOTE FOR AUTO SPLIT: SEVERAL SECONDS OF THE BEGINNING OF THE NEXT TRACK MAY NOT BE RECORDED, AS THE UNIT MAY TAKE A FEW SECONDS TO CREATE A NEW FILE ON THE USB/SD; AND IT CAN ADDITIONALLY BE THE CASE THAT SOME MUSIC PRODUCERS INTENTIONALLY ADD SILENT SECTIONS WITHIN ONE TRACK. AS A RESULT, THIS WILL VERY LIKELY MAKE THE UNIT CONSIDER THIS SILENT PART THE BREAK BETWEEN TRACKS AND CREATE A NEW TRACK ON THE RECORDING.

- NOTE FOR AUTO SPLIT: DURING USB/SD RECORDING FROM TURNTABLE, WHEN THE UNIT HAS DETECTED ANY PARTICULAR SILENT PART, THE TURNTABLE PLAYER WILL STOP MOMENTARILY. THE TURNTABLE PLAYER WILL RESUME OPERATION ONCE THE USB/SD DEVICE HAS BEGUN CREATING A NEW FILE TO BE RECORDED.

### **BLUETOOTH CONNECTION**

- PRESS AND HOLD **FUNCTION** BUTTON TILL LCD SHOWS "BT", THEN THE UNIT IS READY FOR CONNECTION WITH YOUR BLUETOOTH DEVICE (SUCH AS MOBILE PHONE).
- SWITCH ON THE BLUETOOTH FUNCTION OF YOUR BLUETOOTH DEVICE, AND SELECT "MT-11S+BT" BLUETOOTH EQUIPMENT FOR CONNECTION.
- AFTER YOUR BLUETOOTH DEVICE IS CONNECTED WITH THE UNIT VIA BLUETOOTH, START TO PLAYBACK YOUR DEVICE.
- THIS UNIT HAS NFC FUNCTION WHICH CAN ALLOW YOUR BLUETOOTH DEVICE (SUCH AS MOBILE PHONE) CONNECTING WITH THE UNIT AUTOMATICALLY.
  - SWITCH ON THE BLUETOOTH AND NFC FUNCTION OF YOUR DEVICE, THEN PUT IT NEAR THE "BT/N" LOGO WITHIN 5MM ON THE FRONT PANEL. YOUR DEVICE CAN AUTOMATICALLY SEARCH AND CONNECT WITH THE UNIT.
  - TO DISCONNECT WITH THE UNIT, PUT YOUR DEVICE NEAR THE "BT/N" LOGO WITHIN 5MM ON THE FRONT PANEL AGAIN.

### **EARPHONE JACK & LINE OUT SOCKET**

- THIS SYSTEM CAN BE CONNECTED WITH HEADPHONE OR EXTERNAL AMPLIFIER / SPEAKER BY 3.5MM EARPHONE JACK (11).
- THIS SYSTEM CAN BE CONNECTED WITH EXTERNAL DEVICE (EG. AMPLIFIER AND SPEAKER) BY LINE-OUT SOCKET (28) AT REAR CABINET.

### **POWER SAVING FEATURE:**

To save energy, if there is no audio signal from CD / Turntable / AUX IN / USB / SD for a period of over 10 minutes, then the unit will automatically switch to Standby Mode.

## **REMOTE CONTROL**

### **BATTERY INSTALLATION**

THE INFRA-RED TRANSMITTER REQUIRES 1 PC CR2025 LITHIUM BATTERY FOR OPERATION

### **BUTTON DESCRIPTION**



- 1 **STANDBY:** TRIGGER BETWEEN STANDBY MODE AND OPERATION MODE.
- 2 **PRESET/ALBUM DN:** PERFORM SAME FUNCTION AS "ALBUM DOWN / PRESET DOWN" BUTTON (14) ON THE UNIT.
- 3 **PRESET/ALBUM UP:** PERFORM SAME FUNCTION AS "ALBUM UP / PRESET UP" BUTTON (16) ON THE UNIT.
- 4 **TIMER / SLEEP:** PERFORM SAME FUNCTION AS "SLEEP / TIMER" BUTTON (7) ON THE UNIT.
- 5 **MUTE:** TO MUTE AUDIO PLAYBACK.
- 6 **OP/CL & SNOOZE:** OPEN AND CLOSE THE CD DOOR; SNOOZE FUNCTION FOR ALARM.
- 7 **REC/DEL:** PERFORM SAME FUNCTION AS "REC/DEL" BUTTON (6) ON THE UNIT.
- 8 **FM ST.:** SELECT BETWEEN FM STEREO AND MONO RADIO
- 9 **FUNCT:** PERFORM SAME FUNCTION AS "FUNCTION" BUTTON (8) ON THE UNIT.
- 10 **MODE/CLOCK:** PERFORM SAME FUNCTION AS "MODE/CLOCK" BUTTON (5) ON THE UNIT.
- 11 **▶▷ (PLAY/PAUSE):** PERFORM SAME FUNCTION AS "▶▷ (PLAY/PAUSE" BUTTON (4) ON THE UNIT.
- 12 **■ (STOP)/BAND:** PERFORM SAME FUNCTION AS "■ (STOP)/BAND" BUTTON (3) ON THE UNIT.
- 13 **◀◀ (SKIP DOWN):** PERFORM SAME FUNCTION AS "◀◀ (SKIP DOWN)" BUTTON (2) ON THE UNIT. BESIDES, IT CAN BE USED FOR RADIO FREQUENCY SEARCHING DURING TUNER MODE.
- 14 **▶▶ (SKIP UP):** PERFORM SAME FUNCTION AS "▶▶ (SKIP UP)" BUTTON (13) ON THE UNIT. BESIDES, IT CAN BE USED FOR RADIO FREQUENCY SEARCHING DURING TUNER MODE.
- 15 **VOLUME +/- :** CONTROL VOLUME LEVEL.

## **FCC Warning**

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.

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