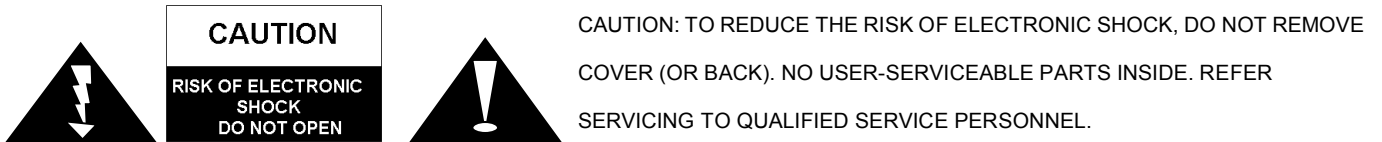


# INSTRUCTION MANUAL

## *DIGITAL RECORDER WITH AUDIO / VIDEO*



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



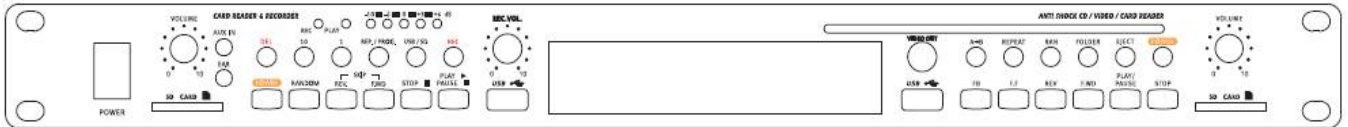
The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

---

<p><b>WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.</b></p>
---

# Outward Appearance

## *Face plate:*



## *Rear plate:*




## **SUPPLEMENTS:**

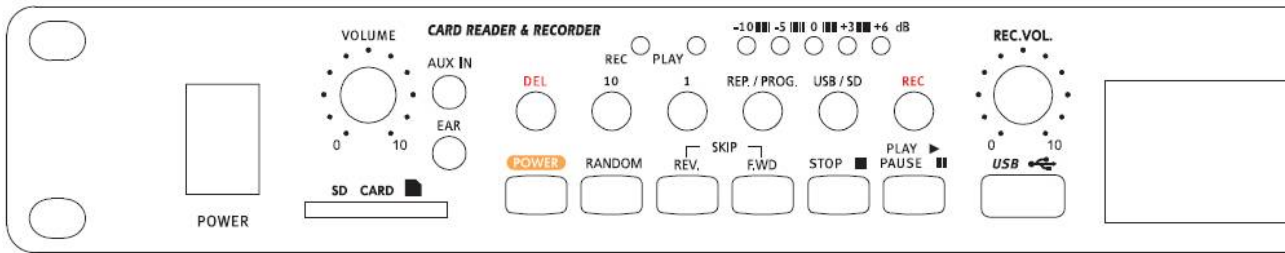
AC Power Cord x 1

## **INSTALLATION:**

1. Connect AV Cord to OUTPUT Terminal.
2. Connect AV Cord to Video Output on the front or back.
3. Connect Component Video Wire to Component Video Output.
4. Connect AC Power Cord in between Socket and AC power resource in AC220V or connect DC13.2V Power Cord in DC Terminal.

5. Connect to Ground 

# *USB & SD Card Reader & Recorder Remote Control*



## Features

- Recording through the Line-in, can choose record to USB or SD Card
- Offer USB and SD Card function
- Recording format : MP3 .
- Playing format: MP3 and WMA.
- Accept the capacity of 128MB to 16G USB / SD Card / SDHC
- With a language learning function, can be broadcast repeatedly at designated areas
- Adjustable recording quality, provide choice of 128 Kbps or 192Kbps.

## Operation and function of the use of panel description

- POWER : Switching power on / off.
- VOLUME : Volume control button, turning to adjust the volume
- REC VOLUME : Recording level control button, turning to adjust the recording level.
- AUX IN : Connect to other music source
- EAR : Connect to earphone, use for monitor the recording level.
- USB socket : To insert a USB storage device
- SD CARD socket : To insert a SD CARD
- LED Indication
  - REC : LED will on when operate REC function
  - PLAY : LED will on when operate PLAY function
  - -10/-5/0/+3/+6 db : Indicate the level of REC or PLAY function.  
For Recording part, suggest keep the recording level at Green Light.  
It may cause distortion if recording level goes to Red Light.
- 10 / 1 : The number buttons to select directory, or track.
  - Button 1, indicating the single digit 1 to 9, press once to increase every 1 single digit.
  - Button 10, indicating the 10-digit, press once to increase every 10-digit.  
For example, if want to choose track#23, press “10” 2 times + “1” 3. times then press Play.

## Recording

- **REC: Recording function key, need to use this key to record through the Line-in channel.**
  - When USB and SD Card are both in the device :




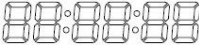
- Press the REC button. LCD display flashing to indicate will be recorded to USB or SD.
- Use USB / SD button to select the option to record to USB or SD card.
- Press REC to start to recording, LCD starts to flashing indicated that they are recording
- Press STOP button to stop recording.
- LCD shows the recording time of the track.
- When only single USB or SD Card in the device
  - Press REC to begin recording, LCD starts to flash and indicating that they are recording, press STOP button to stop recording. LCD shows the recording time of the track.
- Sound recording through the REC function keys are saved in the directory folder REC
  - To Play REC track, use REV or F. WD button to select the directory REC, press PLAY / II to start playing.
  - The track number in the REC Folder will start from “ REC 001 “, and increase gradually. Therefore if want to check the recording file after finish record, the song will be recorded at the last track in the REC folder.

### **USB / SD Playing**

- PLAY/II : Play and pause, press to play, play again to pause.
- STOP : Press to stop playing
- USB / SD : Select to use USB or SD CARD ◦
- RANDOM : - Press to play in a random order, LCD shows RAN press again to cancel random play.
  - **Recording quality adjustment:** Press RANDOM button more than 3 seconds can choose the recording quality. Press REV or FWD key to select 128Kbps or 192Kbps. Press RANDOM to confirm. Once press stop, should set again for desired bps.
- REP /PROG : Press to select Repeat or Program memory function
  - **Repeat function : Need to operate in the playing mode**
    1. To play the ordinary music format:
      - Press once, LCD shows REP 1 : Repeat current playing song.
      - Press again, LCD shows REP ALL : Repeat all songs.
      - Press 3 times, LCD display REP will be eliminated, and to cancel Repeat Playing function.
    2. To play MP3 format:
      - Press once, LCD shows REP 1 : Repeat current playing song.
      - Press 2 times, LCD shows REP F : Repeat all songs in the folder.
      - Press 3 times, LCD shows REP ALL : Repeat all songs.
      - Press again, LCD display REP will be eliminated, and to cancel Repeat Playing function.
  - **Program Function: Need to operate in the stop-play mode, can be memories up to 99 songs**

- Press the STOP button to stop playback.
  - Press REP / PROG button, LCD screen displays PROGRAM. Select desired songs by using number keys 10 / 1 or REV key / F. WD key.
  - Press REP / PROG button to store 1<sup>st</sup> song, LCD display shows “00 01” for the 1<sup>st</sup> song. Press REP / PROG again for storing 2<sup>nd</sup> song; LCD display shows “00 02”. Start over above process for storing more songs. Press PLAY / II memory to play the tracks stored in the Program.
- REV : Backwards. Press to backward to last track. Press for 3 seconds to fast reverse the track
  - F. WD : Fast forward. Press to forward to next track. Press for 3 seconds to fast forward the track
  - IR sensor : Infrared remote control.
  - DEL : Delete single / all of the files.
    - **Delete current playing track, can be operated under “Stop” mode or during “Playing” mode**  
 Press DEL button, LCD displays flash DEL FILE, reminding you to delete the file, and then press DEL to confirm the deletion, LCD display shows **DEL END**.
    - **Delete all the files:** In the stop-play mode operation
      - Press the Stop button
      - Press and hold the DEL key to more than 5 seconds
      - LCD display shows "**DEL ALL**" to confirm whether you want to delete all the files
      - Then press DEL key again to delete all the files
      - To cancel delete function, just wait for LCD stops flashing and cancellation of delete function.

## LCD Display :

- ✓ LINE : Line in audio source
- ✓ DEL : When using delete function
- ✓ ▶ : In playing mode
- ✓ || : Pausing
- ✓ REP : Repeatedly playing the single track
- ✓ REP ALL : Repeat all tracks
- ✓ REP F : Repeat specific folder
- ✓ RAN : Playback in random order
- ✓ PROG : When operate to program tracks.
- ✓ M : Mute function
- ✓ A→B : When repeat playing a specific section
- ✓ USB : When use USB function
- ✓ SD : When use SD card function
- ✓ COPY : When operate copy function
- ✓ REC : When operate recording function
  
- ✓  : The volume display, total 15 sections.
  
- ✓  : Under the MP3 mode, it will appear the folder numbers.
  
- ✓  : Display the current playing track.
  
- ✓  : Display the time for the current playing track.

## Note :

**When inserts the disk into CD player or takes out the disk, it is necessary to let CD player insert disk and return automatically. It is prohibited to push or take out the disk by hand before the disk completely return from CD player, thus will cause the machine to be broken down and unable to operate normally.**

## THE FUNCTIONS ON THE REMOTE CONTROLLER



The remote controller shall be appointed to the receiving hole of face plate. The optimal receiving distance is 3 meters. (the available distance is 3 meters. ) The batteries ( model CR2025 3V ) shall be put into the remote controller.

- Numeral 0 ~ 9 : Select the track from numerals.
- USB / SD : Switching for USB or SD mode.
- **REC** : **Recording function button, use for LINE IN recording.**
  - When both USB and SD Card are both in the device :
    - Press the REC button. LCD display flashing to indicate will be recorded to USB or SD.
    - Use USB / SD button to select the option to record to USB or SD card.
    - Press REC to start to recording, LCD starts to flashing indicated that they are recording
    - Press STOP button to stop recording.
  - When only single USB or SD Card in the device
    - Press REC to begin recording, LCD starts to flash and indicating that they are recording, press STOP button to stop recording.
  - Sound recording through the REC function keys are saved in the directory folder REC
    - To Play REC track in folder: press FOLDER button, LCD display **F**. Use REV or F. WD button to select the directory REC, press PLAY / II to start playing.
    - The track number in the REC Folder will start from “ REC 001 “, and increase gradually. Therefore if want to check the recording file after finish record, the song will be recorded at the last track in the REC folder.
- **COPY**: Copy function key. It has to operate copy function in STOP status when use this key for USB Copy to SD or SD Copy to USB.
  - Press STOP key, the device should be at stop mode

- Insert USB and SD Card, use USB / SD button to select the device you want to copy the source of any of the following options
- **Copy single:** Press ◀◀ or ▶▶ button or 0 ~9 Numerals key to select tracks. Press COPY button to start copying
- **Copy the multi-tracks or multi-directories:**
  - Select the tracks and store the tracks in the Memory Program first (for PROG feature instruction, please refer to PROG)
  - Press COPY button to copy the tracks stored in the Program, if copy to SD, LCD display will flash SD and indicates that it is recording to SD card.
- **Copy the whole directory:**
  - Press FOLDER button, LCD display **F**, use ◀◀ or ▶▶ to select the directory you want to copy
  - Press COPY key to start to copy the selected directory. If copy to SD, LCD display will flash SD and indicates that it is recording to SD card.
  - The tracks recorded through COPY function are stored in the folder "CPY"
  - To play the tracks in the folder "CPY", press FOLDER button, LCD display **F**. Press ◀◀ or ▶▶ button to select the directory CPY, press PLAY / II to start playing
  - The time required to copy according to the file size and the number of tracks
  - There's no sub-folder in the Copy folder. For example, if wants to copy each 5 tracks in 3 folders (total 15 tracks) and there will be storage to CPY001 ~ CPY015 at the CPY folder after copying. If copy a new song after it, it will be storage at CPY016.

■ **REP : Repeat function : Need to operate in the playing mode**

1. To play the ordinary music

- Press once, LCD shows REP 1 : Repeat current playing song.
- Press again, LCD shows REP ALL : Repeat all songs.
- Press 3 times, LCD display REP will be eliminated, and to cancel Repeat Playing function.

2. To play MP3 format.

- Press once, LCD shows REP 1 : Repeat current playing song.
- Press 2 times, LCD shows REP F : Repeat all songs in the folder.
- Press 3 times, LCD shows REP ALL : Repeat all songs.
- Press again, LCD display REP will be eliminated, and to cancel Repeat Playing function.

-

■ **PROG function: Need to operate in the stop-play mode, can be memories up to 99 songs**



- **Single or multi-tracks memory:**





- Press the STOP button to stop playback.
- Press PROG button, LCD screen displays PROGRAM. Select desired songs by using FOLDER button and number keys 0 to 9 and ◀◀ or ▶▶ .



- Press PROG button to store 1<sup>st</sup> song, LCD display shows “00 01” for the 1<sup>st</sup> song. Press PROG again for storing 2<sup>nd</sup> song; LCD display shows “00 02”. Start over above process for storing more songs. Press PLAY / II memory to play the tracks stored in the Program.

- Whole folder memory:

- Press the STOP function keys to stop playback
- Press PROG button, LCD screen display shows PROG, press the FOLDER button with the number of combination of keys or  /  to select the folder
- Press PROG to store selected folder. To store more folders, repeat above steps.
- Press PLAY / II button to start play memorized folders.
- To memorize multi-folders or multiple tracks, repeat above steps
- LCD will display shows FULL when stored 99 songs
- To cancel program feature, keep pressing PROG button until LCD display PROG disappeared

- **STOP** : Press to stop playing
-  : Press to backward to previous track
-  : Press to forward to next track
-  : Press to fast reverse the playback. Press again to cancel fast reversing
-  : Press to fast forward the playback. Press again to cancel the fast forwarding
- A→B : Repeat the designated area. Press once, for the beginning point of repeat area. This is point A. Press again for the end point of repeat area. This is point B. The unit will keep repeat this area. If want to cancel this function, press A→B function again.

- **DEL** : Delete single / folder / all of the files.

➤ **Delete current playing track, can be operated under “Stop” mode or during “Playing” mode**

Press DEL button, LCD displays flash DEL FILE, reminding you to delete the file, and then press DEL to confirm the deletion, LCD display shows DEL END.

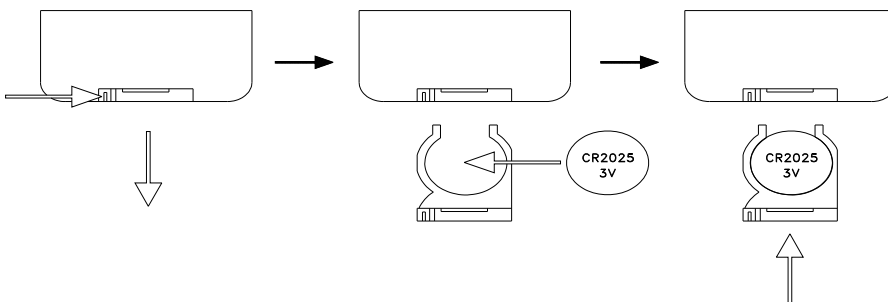
➤ **Delete a folder:** To delete the specified folder, press FOLDER button to select the folder you want to delete, click the DEL, LCD display flashes DEL FOLDER , reminding whether you want to delete the folder, and then press DEL again to confirm the deletion, LCD displays DEL END, the folder is removed

➤ **Delete all the files:** In the stop-play mode operation

- Press the Stop button
- Press and hold DEL key to more than 5 seconds
- LCD display shows "DEL ALL" to confirm whether you want to delete all the files
- Then press DEL key again to delete all the files
- To cancel delete function, just wait for LCD stops flashing and cancellation of delete function

- **RAN** : Press to play the tracks in a random order. Press again to cancel.  
**Recording quality adjustment:** Press RAN button more than 3 seconds can choose the recording quality. Press ◀◀ or ▶▶ to select 128Kbps or 192Kbps. Press RAN again to confirm.
- **FOLDER** : Folder selection.  
 Press FOLDER button, LCD screen display **F**, then press ◀◀ or ▶▶ with the numbers 0 to 9 button to select the directory . Press FOLDER again to cancel folder selection function, LCD screen, "F" disappears
- **PLAY / II** : Play and pause, press to play, play again to pause
- **MUTE** : Press to mute, press again to back to normal playing

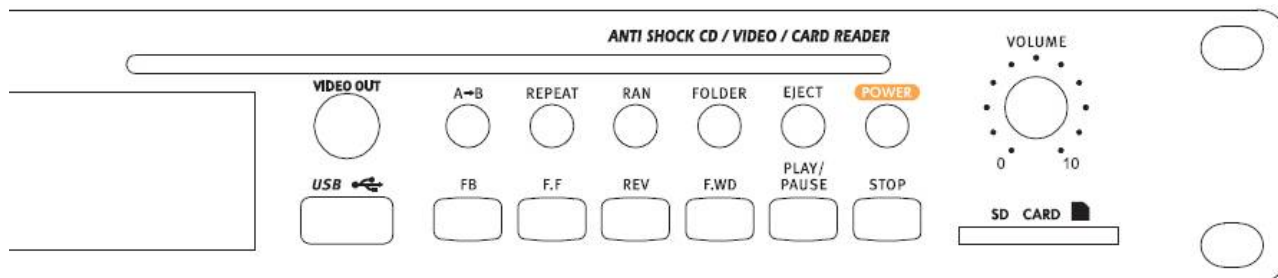
### Battery installation of the remote controller



1. To open up the battery cover (on the back side of the remote controller), Press down the cap and slide it from the left to the right, then to pull it out.
2. Place a new battery (battery type: CR2025 3V, w/its positive upward).
3. Reverse the actions stated in the statement 1.

## *Anti Shock CD / Video / CD-G / Photo / USB / SD Card Reader*

### *Remote Control*



### **Features**

- Offer USB, SD Card Reader and CD Playing function
- Playing format: MP3 and WMA.
- Accept the capacity of 128MB to 16G USB / SD Card / SDHC
- With a language learning function, can be broadcast repeatedly at designated areas



### **IDENTIFICATIONS OF CONTROLS :**

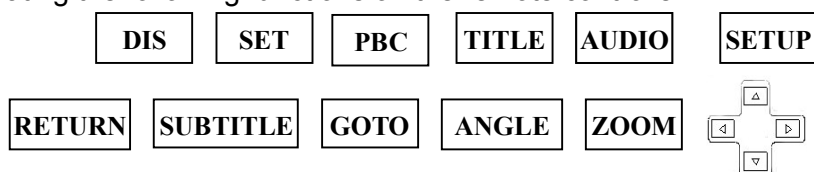
- **POWER** : Press Power to switch on/off the power.
- **EJECT** : Press to disk ejected gradually.
- **FB** : Select backward. Then press “ PLAY / PAUSE “ back to normal playing.
- **FF** : Select forward. Then press “ PLAY / PAUSE “ back to normal playing.
- **REPEAT** : Press once to repeat 1 song, press twice to repeat all, and press three times to cancel the function.
- **REV** : Press to desired previous track.
- **F.WD** : Press to desired next track.
- **PLAY / PAUSE** : Press once start to play, press again pause to stop.
- **STOP** : Press to stop playing.
- **RAN** : Press to plan in a random order. The On / Off of Random function only can see on the TV screen.
- **FOLDER** : Folder selection. Every press will go to next folder.
- **A→B** : Repeat the designated area. Press once, for the beginning point of repeat area. This is point A. Press again for the end point of repeat area. This is point B. The unit will keep repeating this area. If want to cancel this function, press A→B function again.
- **VOLUME** : To control volume.
- **Infrared window** : Pick up signal from the remote controller.
- **USB Connector** : Insert the USB system
- **SD Connector** : Accepts SD Card and MMC Card.
- **VIDEO OUTPUT** : Image output.

## LCD DISPLAY

- MP3: When play MP3 file, the LCD will display “ M3 “.
- CD: When play CD disc, it will display “ CD “ on the LCD.
- DVCD: When play DVD disc the LCD will show “ DCD “, play the VCD it will show “ VCD “.
- When in playing mode, it display ▶, when pausing, the panel shows ||.
- When repeatedly playing the single track, it shows REP.
- When all songs at the folders are playing repeatedly, it shows REP ALL .
- A→B : When repeat playing between A and B.

## PLAYING :

- This player can accepts 12 cm discs like CD, CD-R, CD-RW, VCD, DVD, MP3, CD-G disks and USB and SD / SDHC reader playing, but please do not intend to play the CD-ROM / CD-I / CDV or computer CD.
- This player can accepts format CD, MP3, VCD, DVD, JPG, CD-G, WMA and MPG.
- For VCD, DVD, JPG, MPG and CD-G modes, it will only display on the screen.
- Insert a disc into disc slot with the playback side down and playback starts automatically. Track number and playing time will be displayed.
- To pause playback or normal playback, press PLAY/PAUSE or press  on the remote controller,
- Press REV, F.WD on the remote controller, for desired next or previous track number. CD player will continue playback while display selected tracks.
- To stop playback, press STOP or press  once on the remote controller.
- Press FB, FF on the remote controller, to activate fast forward or reverse until desired section is located.
- The forms of VCD, DVD, CD-G, MPG and JGP, it must be equipped with screen to achieve, and have to input the screen vision to be connected with the VIDEO OUTPUT socket in the face plate.
- The switching between mode of CD / USB / SD Card, should operate with TV screen.
- The function of screen for the user, please refer to the instruction on the screen. Our machine will just provide the explanation of the function for this machine only.
- The functions of this machine must be operated with TV screen. It must be equipped with the screen for operating the following functions on the remote controller :



## Note :

- *When inserts the disk into CD player or takes out the disk, it is necessary to let CD player insert disk and return automatically. It is prohibited to push or take out the disk by hand before the disk*

*completely return from CD player, thus will cause the machine to be broken down and unable to operate normally.*

### ***SD / SDHC Card***

- Insert SD Card or SDHC Card into the insert hole of SD/SDHC CARD in the face plate. Pull the card to get stuck with the tenon. It then finished the assembly. When taking out the card, please push the card to the bottom and then release to shout it out. Please don't use the force to pull it out. If so, it will damage the card and the machine.
- It will play directly after insert the SD CARD.


### ***USB***

- Insert USB into the insert hole of USB in the face plate. If don't need to use USB, may take it off directly.
- It will play directly after insert the USB.

As for other playing operation way, please refer to the operation way in ***PLAYING*** and ***THE FUNCTIONS RESPECTIVELY ON THE REMOTE CONTROLLER.***

**THE FUNCTIONS RESPECTIVELY ON THE REMOTE CONTROLLER – MUST USE WITH SCREEN**



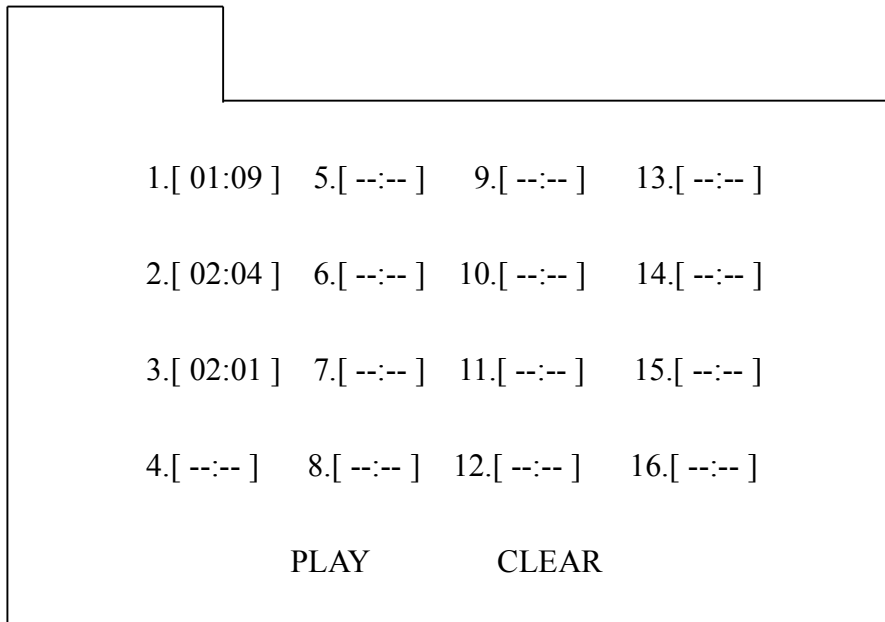
- EJECT  : Press to stop playing and press to disk ejected gradually.
- **PROG** can memorize the self-set playing procedure.

1) Ordinary music format of CD, USB, or SD Card:

1.[ 09 ]	5.[ - - ]	9.[ - - ]	13.[ - - ]
2.[ 16 ]	6.[ - - ]	10.[ - - ]	14.[ - - ]
3.[ 02 ]	7.[ - - ]	11.[ - - ]	15.[ - - ]
4.[ 08 ]	8.[ - - ]	12.[ - - ]	16.[ - - ]
PLAY		CLEAR	

- Press **PROG** the screen displays memory setting menu, as above illustration.
- Set catalog and song number then press PLAY to start play memoried songs, press CLEAN to cancel the memoried song.

2) MP3 format of CD, USB, or SD Card:



1. Press **PROG** the screen displays memory setting menu, as above illustration.
2. Set catalog and song number then press PLAY to start play memoried songs, press CLEAN to cancel the memoried song.

● **RANDOM** Play in a random order.

● **REPEAT** : Repeat mode. Not available in VCD mode.

To play the ordinary music format of CD, USB, or SD Card.





















- Press once, LCD shows REPEAT 1 : Repeat current track.
- Press again, LCD shows REPEAT ALL : Repeat all the track.
- Press the 3rd time, LCD display will eliminate the word REPEAT to cancel Repeat Playing function.

To play MP3 format of CD, USB, or SD Card.

- Press once, LCD shows REPEAT 1 : Repeat current track.
- Press twice, LCD shows REPEAT to repeat all tracks in that FOLDER
- Press 3 times, LCD shows REPEAT ALL to repeat all tracks.
- Press again, LCD display will eliminate the word REPEAT to cancel Repeat Playing function.

● **PLAY/PAUSE** : PLAY / PAUSE. When playing press once to pause and press again to play.

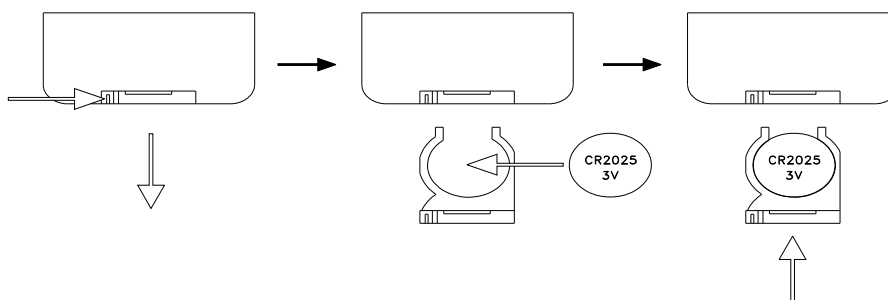
● **■** : Stop to play ◦

-  : Skip to the former track.
-  : To next track.
-  : Press once to activate fast reverse Press once to activate fast forward in a cycle as follows : 2 → 4 → 8 → 20. Then press  back to normal play.
-  : Press once to activate fast forward in a cycle as follows : 2 → 4 → 8 → 20. Then press  back to normal play.
-  : When play MP3 Folder press this key to select folder.
-  : It is the zone memory function. During Playing , press  is A point will start to memorize. Press  again to memorize B point, and stop memorizing at the same time, and start repeating playing point A - B Memory Zone. Press again to cancel section repeating Function.
-  : ON / OFF Mute.
-  : Press this button to select subtitle in DVD or VCD disc.
- 0~9 NUMBERS KEY : These keys are using to input time, track, and chapter numbers.
-  : Confirmation : Execution.
-  Functions : Moving upwards / downward / right / left for setting up. Using on screen to operate it.
-  : Swap Channels : Left / Right Channel and Mono selection.
-  : To indicate the play function. Using on screen to operate it.  
Press 1 time: display "play time". Press 2 times: display "play time" and " total remained play time in CD " Press 3 times: display "play time" and "remained time for the playing songs" Press 4 times: cancel DIS function.
-  : To choose whether to play optional catalog of VCD.  
when PBC is OFF, it can use Repeat function.
-  : Press once the screen above shows the presently playing time, song section, and so on, using the  to set up the playing time and sections then press ENTER confirm.
-  : must use in DVD disk. Press this button can display DVD title content or play from



the first title.

- **MENU** : Press the button will turn to main menu list.
- **SETUP** : In stop mode, press **SETUP** the screen will display the setup menu.
- **ANGLE** : Use in some special DVD disk. Press the key views scenes from different camera angles.
- **SLOW** : Press this key to slow down the motion playback at variable speeds as follows : 1/7 → 1/6 → 1/5 → 1/4 → 1/3 → 1/2.
- **ZOOM** : When playing DVD or VCD, press this key to enlarge a picture in a cycle as follows : 2x → 3x → 4x → 1/2x → 1/3x → 1/4x → zoom off.
- **RETURN** : Press the button once to back to the program menu and keep present setup.
- **Component Video**, must operate with remote controller. The TV set should provide Component Video function.
  - TV set mode switches to “Component Video”
  - Connect 3-Jack wire to “Component Video Output” jack
  - Use remote controller, press “SET UP” -> ENTER, -> select “INTERLACE-YUV” or “P-SCAN YPBPR” (this should see the available function on TV set) -> ENTER.
- Normal video, TV set mode switches to AV1 or AV2. The connecting wire connect to “Video Output” at front or rear. If connect to rear “Video Output”, the setup should be: Use remote controller, press “SET UP” -> ENTER, -> select “S-VIDEO” -> ENTER.
- When using the remote controller, the remote controller shall be appointed to the receiving hole of face plate. The optimal receiving distance is 3 meters. ( the available distance is 3 meters. ) The batteries ( model CR2025 3V ) shall be put into the remote controller.
- Battery installation of remote controller.



4. Press and hold the tenon located on lower left-hand corner of the rear remote controller, pull out the battery set by the slot at the right.

5. Place the battery (positive electrode faces upwards) according to its correct polarity.
6. Push the battery compartment back to the fixed position.