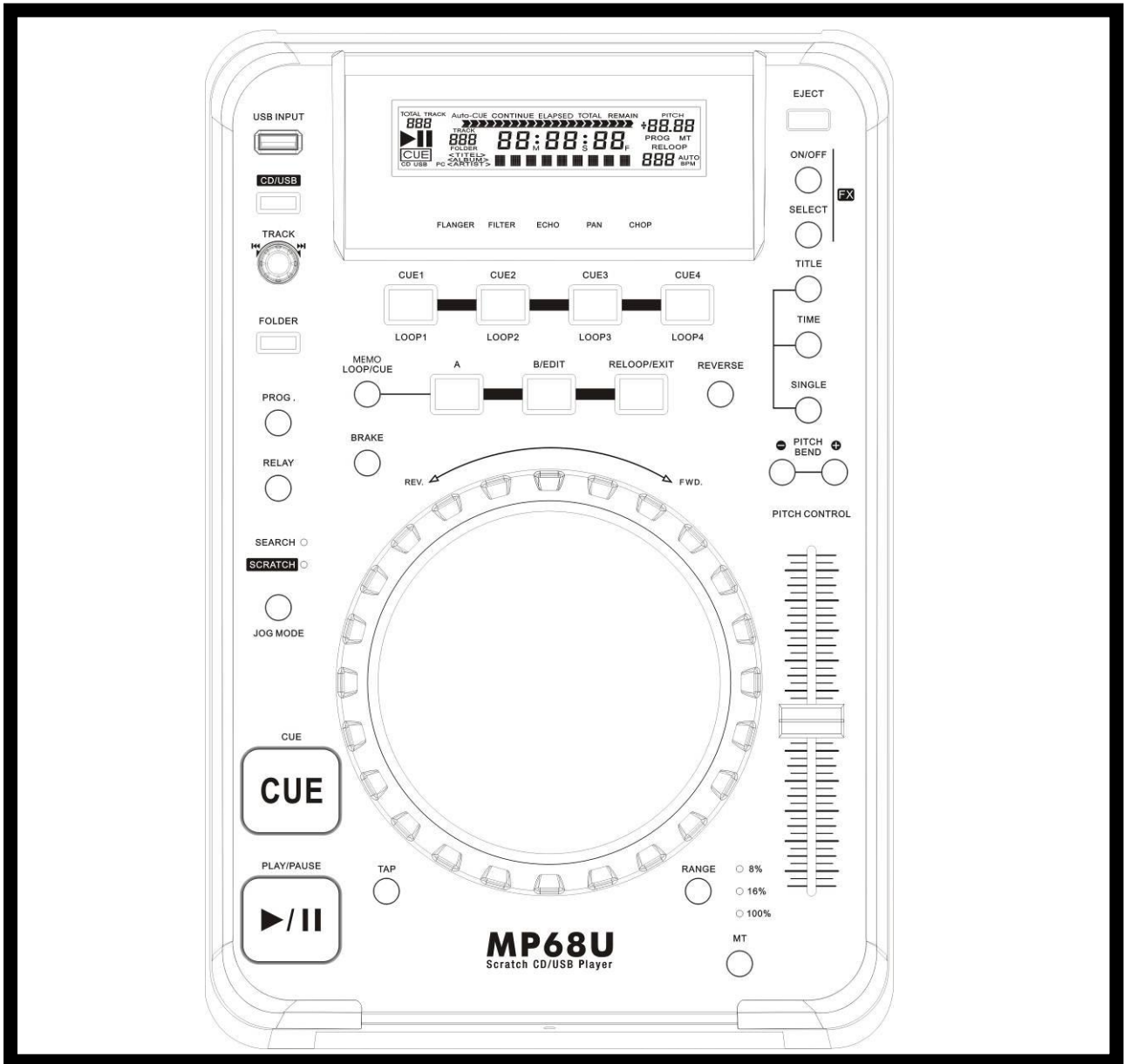


# COMPACT DISC PLAYER

## Professional

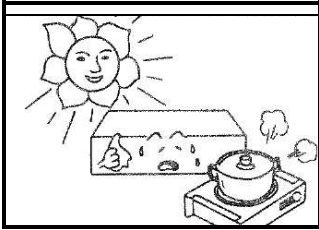


# CD/ USB PLAYER INSTRUCTION MANUAL

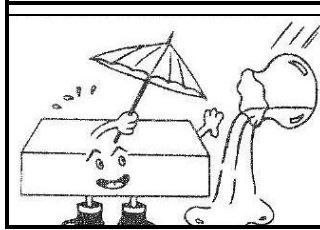
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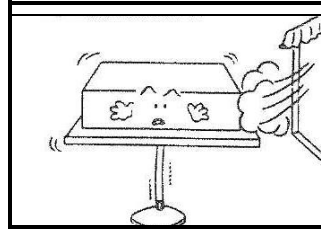
**NOTE ON USE**



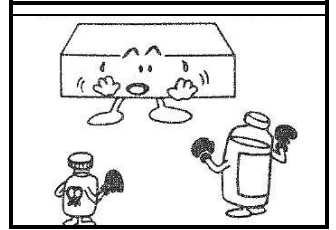
BE CAREFUL OF HIGH TEMPERATURE



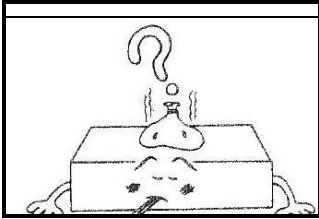
TO AVOID DUST & MOISTURE



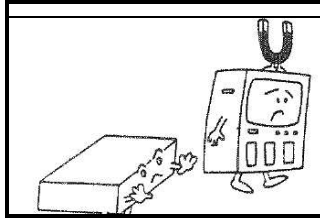
TO AVOID PLACING ON UNSTABLE LOCATION



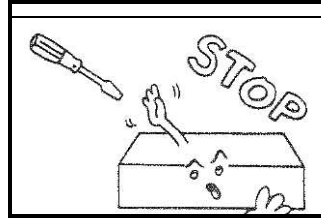
DO NOT USE CHEMICALS



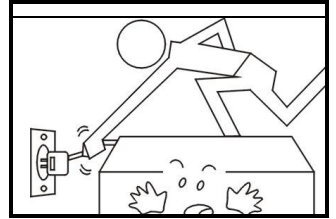
IF OUT OF WORK, CONTACT SALES AGENCY IMMEDIATELY



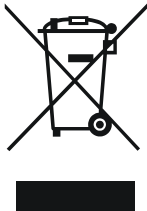
KEEP AWAY FROM TV & MAGNETISM



DO NOT OPEN THE CASE



CARE WITH THE POWER CORD



This product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

**For Safe and Efficient Operation**

- Select the installation location of your unit carefully. Avoid placing it in direct sunlight. Also avoid locations subject to vibration and excessive dust, heat, cold or moisture. Keep away from sources of hum such as transformers or motors.

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.

The MAINS plug is used as the disconnected device, the disconnect device shall remain readily operable.

WARNING: The user shall not place this apparatus in the confined area during the operation so that the mains switch can be easily accessible.

- Do not use this compact disc player where there are extremes in temperature ( below 41 ° F/5 ° C or exceeding 95 ° F/35 ° C )
- Do not open the cabinet as this might result in damage to the set or electrical shock.

**SAFETY CERTIFICATION**

Laser Diode Properties  
 Material: Ga.-Al-As  
 Wavelength: 755-815 nm (25°C)  
 Laser Output: Continuous Wave max. 0.5mW

- Be sure your hands are clean when handing discs. Never insert a disc which has a crack on its surface.
- When disconnecting the power cord from the AC outlet, always grasp it by the plug. Never pull the cord.
- Do not use force when operating the switches and buttons.
- Before moving the set, be sure to disconnect the power cord and all connecting cables.
- To keep the laser pickup clean, do not forget to close the disc tray.
- Do not attempt to clean the unit with chemical solvents as this might damage the finish. Use a clean, dry cloth.
- Keep this manual in a safe place for future reference.

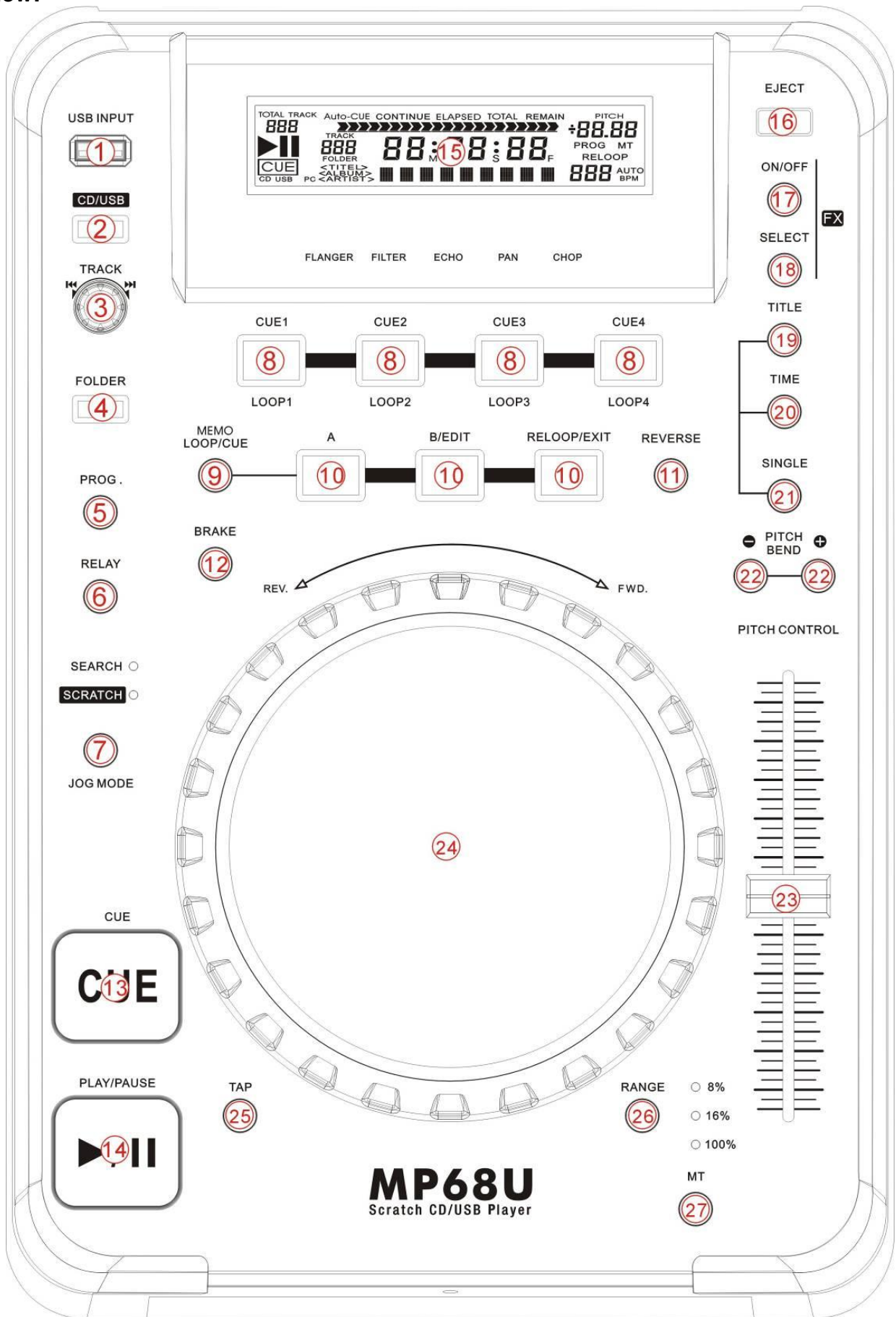
**CAUTION:**

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

	<b>CAUTION</b> RISK OF ELECTRIC SHOCK DO NOT OPEN	
<b>WARNING:</b> SHOCK HAZARD - DO NOT OPEN		
<b>AVIS:</b> RISQUE DE CHOC ÉLECTRIQUE - NE PAS OUVRIR		
<b>WARNING:</b> TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE		
<b>AVIS:</b> NE PAS EXPOSER CE MATÉRIEL À LA PLUIE OU L'HUMIDITÉ AFIN DE RÉDUIRE LE RISQUE D'INFLAMMATION OU DE CHOC ÉLECTRIQUE		

# DESCRIPTION OF THE FUNCTIONS

Top View:



## 1. USB Connector

Hook up a USB storage device to load audio files. It supports MP3 and WAV formats. But the WAV format only enables the pitch variance under 16%

## 2. CD / USB

Press it to switch the source between USB and CD. Only when the playback is paused, the source switch can be enabled.

## 3. TRACK

Scroll it to navigate through partitions, folders and tracks. Press it to load a track for play. Press and turn it to skip 10 tracks for quick track search.

⊙ TRACK also uses with other functions to select a specific mode.

⊙ It can't skip the track during the loop playback.

## 4. FOLDER

### USB Flash Drive

Press this button to switch between MP3 folder and MP3 file view. When the view stops at folder selection, pressing and holding this button for 2 seconds will return to the track view.

### Hard Drive

When you use a hard drive as your USB playing source, pressing this button can switch between file, folder and partition views. No matter the view stops at a partition or a folder, holding this button down for 2 seconds will return to the track view.

⊙ In file view, Total-Track shows the total MP3 files in the folder. In folder view, Total-Track shows the total folders in the CD or in the USB drive. In partition view, Total-Track shows the total partitions in the hard drive.

## 5. PROG: The maximum tracks can be edited are 99.

### PROG has three views – Program Editing, Program Track Viewing, and Program Play.

#### Start PROG-Edit:

In pause mode, press this button to edit program. **This view is PROG Editing.**

The display MM:SS: FF position will show "P-xx" and then "xx" will flash. Select a track by turning TRACK and then pressing TRACK to store it. Repeat the same process and finally press TRACK to finish a program list editing. It will go into **PROG Track Viewing** and allow reviewing each track which just editing by pressing SKIP.

#### Play PROG:

Press PLAY/PAUSE to play the program and PROG will flash in the display.

#### Exit PROG Play/Edit:

When the PROG playback is paused, pressing this button for two seconds can return to the normal playback. Once returning to the normal playback, pressing this button can enter the program again and will continue the track editing from the last PROG track number already existed.

In **PROG Editing** view, pressing this button for 2 seconds will wipe out the PROG list and return to normal playback.

## 6. RELAY

Press the button to activate this function. When one unit is in play mode, and the other unit is in "pause" mode; pause the playing unit, the other unit will automatically start to play.

⊙ It's also for switching between the gain and the parameter of the digital effect showing in the display.

## 7. JOG MODE

Press it to switch jog mode among normal, search and scratch jog modes.

## 8. HOT-CUE & HOT-LOOP BANKS

This unit allows you to play from 4 cue points or 4 hot loops instantly.

### HOT-CUE

A. Set CUE memory: Press MEMO first and then press a certain CUE bank to finish the CUE record. The LED of the set CUE button will become green.

B. Play" CUE" memory: Press the set CUE bank to perform this function.

## **HOT-LOOP**

A. Set LOOP memory: Set a LOOP playback first and then press MEMO to do the LOOP record. Press a certain LOOP bank to finish the LOOP record. The LED of the set LOOP button will become orange.

B. Play" LOOP" memory: Press the set LOOP bank to perform this function.

## **9. MEMO**

Press it can set memory ready to record a Hot Loop or a Hot Cue.

⊙ Hold MEMO and dial the jog wheel to preset the beat length of Auto Loop. Then MEMO will illuminate. This means it's ready to execute the auto loop playback. Pressing IN will auto form an auto loop according the beat length you set. The bar range of auto loop can be selected from 1/32~32/1. Use the TRACK knob to trim the loop length.

## **10. LOOP**

1. Press A to memorize a start point and press B to memorize an end point. Then the Loop starts playing.
2. Press B again to edit the Loop playback. The length of the Loop playback can be enlarged or shortened by turning the jog wheel.
3. Press the RELOOP to exit or call the Loop playback.
4. When a loop is formed, turn TRACK to trim the loop double or half.

### **Auto loop**

There is also an auto loop function to assist in obtaining seamless loops. Press and hold the MEMO button, then using the jog wheel to preset the loop playback range from 1/32~32/1. The memo button will stay illuminated and this means that the auto loop function is ready to trigger the loop playback. To start the loop, press the A button at the desired start point. The loop playback will form automatically from the preset time you set.

⊙ 1/1 equals to one bar or 4 beats. When auto loop playback starts, the loop length is still editable by using the TRACK knob.

## **11. REVERSE**

Press it to activate Reverse effect.

## **12. BRAKE**

Hold this button and dial the jog wheel to adjust the time of start and break simultaneously. The range is from 0.5 to 6 seconds.

Press it to set START/BRAKE effect ready. Press PLAY/PAUSE button to execute the effect.

## **13. CUE**

In pause mode, press this button to set a memorized point for instant play; in play mode, press this button to pause the music and return to the memorized point.

Holding down this button will start the playback from the cue point. Releasing it will pause the track and return to the cue point.

## **14. PLAY/PAUSE**

Press this button to start the playback or let the playback pause.

## **15. DISPLAY**

Indicating all the functions as they are occurring.

## **16. EJECT**

Press to eject the disc.

⊙ Disc can't be ejected unless CUE or PAUSE button has been pressed first.

## **17. FX ON/OFF**

These buttons will activate Flanger, Filter, Echo, PAN and CHOP effects. Press Relay to switch between Gain & Parameter (the selected one will be blinking) showing in the display. Use the jog wheel to change the value of them.

Flanger: Gain- 0~100, Parameter: 1/32~ 16/1

Filter: Gain- 0~100, Parameter: -60~+60

Echo: Gain- 0~100, Parameter: 1/32~1/1

PAN: Gain- 0~100, Parameter: 1/32~1/1

CHOP: Gain- 0~100, Parameter: 1/32~1/1

## **18. FX SELECT**

Press it to switch among five digital effects.

## 19. TITLE

- a. Press this button to show FILE, TITLE, ALBUM and ARTIST. It supports MP3 format only.
- b. Hold it and turn TRACK to select a playlist format (XML/ M3U/ WPL). Release this button to enter into the selected format. Then choose the playlist files to start the playback.

## 20. TIME

CD Mode - Press this button to switch time display between Single Elapsed Time, Single Remain Time and Total Remain Time.

MP3 Mode- Press this button to switch time display between Single Elapsed Time and Single Remain TIME.

Sleep - Hold this button and use TRACK to select the time for sleep mode. It can switch between 15, 30 and 60 minutes.

## 21. CONT./SGL

Press this button to switch between Continue Mode and Single AUTO CUE Mode.

Continue Mode - Playing from the first track continually to the last track. When skipping to the next track, it will continue the playback.

Pressing skip under this mode, the Main Cue is still set at the first track or the new Main Cue which has just been memorized. It won't renew to the new Cue of each track by pressing SKIP.

Single Auto Cue Mode – When going on to the next track or skipping to the next track, it pauses at the main cue of the next track automatically.

**Remote Control (Hold CONT and press SKIP to select the type of switch in the mixer for FADERTSTART wire remote control)**

Select Lock, Tack and Cue/Play by using this switch mode.

LOCK:

When the mixer's fader is moved to the end belonging to the channel of the player every time, the playback will start and then pause instantly.

TACT:

When the mixer's crossfader is moved to the end belonging to the channel of the player for the first time, the playback will start.

When the mixer's crossfader is moved to the end belonging to the channel of the player again, the playback will pause.

CUE/PLAY:

When the mixer's crossfader is moved toward the channel of the player, the playback will be started from the last Main CUE.

### Touch Sensitive Adjustment

Holding this button and switching on the power will lead into the mode for adjusting the sensitivity of Touch Wheel. Float your hand very close to the jog wheel. It will detect the sensitive value. It has to increase 2 degree from the value detected. Use TRACK to select the value and press MEMO to save the value. Reboot for retuning to normal use.

\* This adjustment only needs when finding the sensitivity difference in a specific environment.

## 22. PITCH BEND

Press + to rise up the speed and Press—to Slow down the speed.

## 23. PITCH CONTROL SLIDER

To match the beat of the other music piece you should adjust the Pitch Control to change the speed.

## 24. JOG WHEEL

1. Pitch Mode: Use the wheel to adjust the speed to get an even close BPM with another playing unit.
2. Scratch Mode: The top flat surface is used to do scratch effect. The ring of the wheel is used for adjusting the speed.
3. Adjust the gain and the parameter of the digital effect.

## 25. TAP

Press this button with the beat to get the BPM of the music manually. Press and hold this button to activate Auto BPM

## 26. PITCH RANGE

Switch the pitch range between 8%,16 % and 100%..

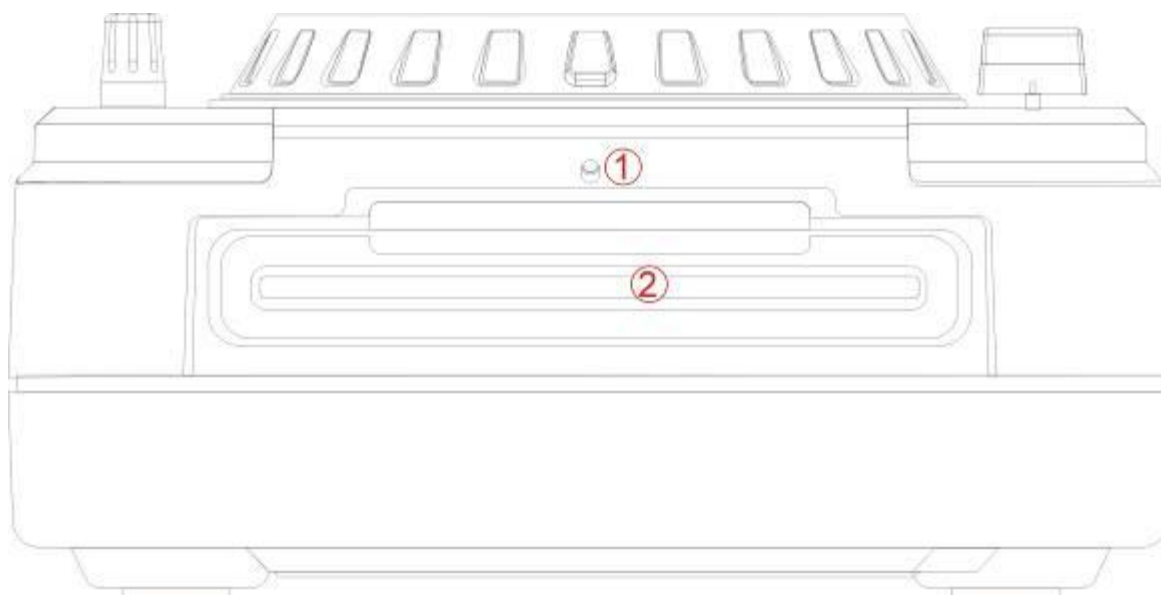
- A. When the LED light is off, it sets under 8%.
- B. When the LED light is on, it sets under 16%.
- C. When the LED light is blinking, it sets under 100%.

## 27. MT

When this function is activated, the key of the song will be locked even though the pitch fader is adjusted.

## DESCRIPTION OF THE FUNCTIONS

### Front View



#### 1. POWER ON LIGHT

It lights when the power is on.

#### 2. DISC SLOT


Insert or remove the disc.

## LCD INSTRUCTION



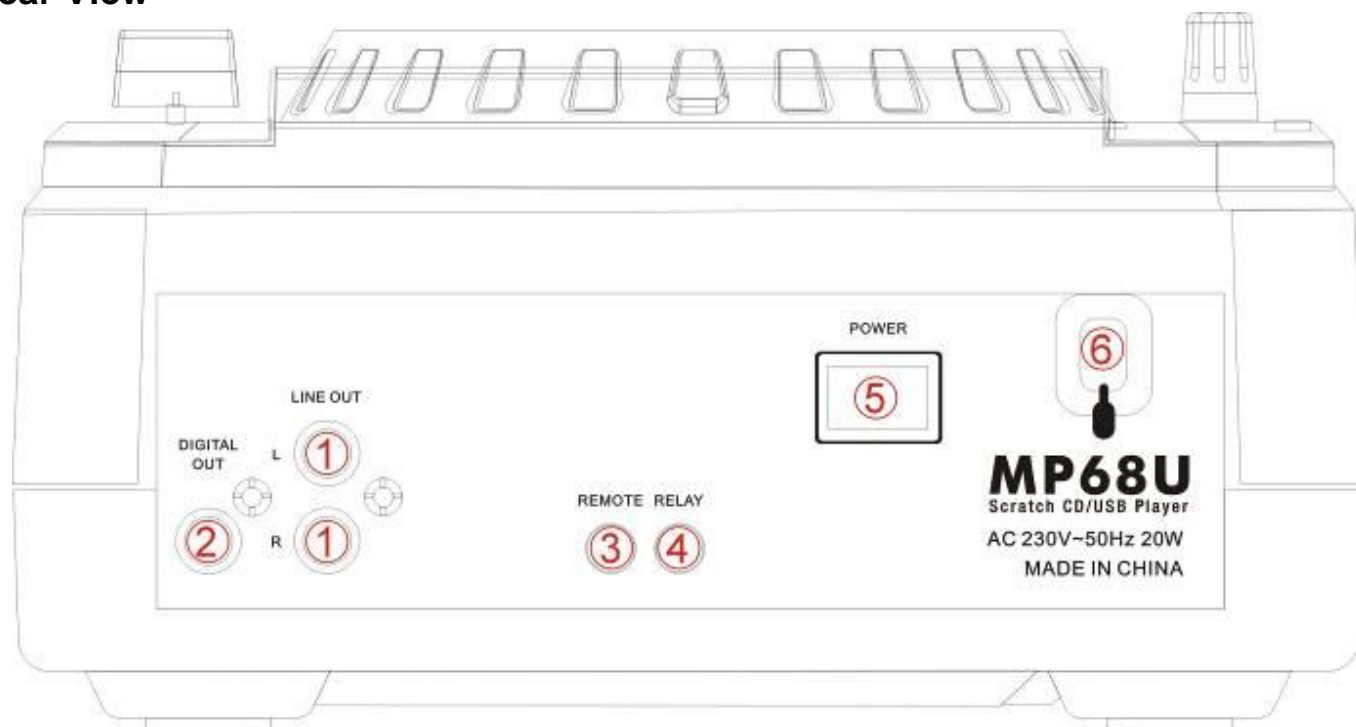
1. **TOTAL TRACK** – It shows the track numbers of this CD. During selecting folders, it shows the total folders of this CD.
2. – The unit is in play.
3. – The unit is paused
4. **CUE** – It indicates a cue has been memorized..
5. **CD** – Lights when switching the play source to CD mode.
6. **USB** – Lights when switching the play source to USB mode.
7. **PC** – No Function
8. **CUE** – Lights up when a memorized point is existed.
9. **Continue** – When the light is on, the playback goes without interruption.
10. **TIME MODE (ELAPSED)** – Shows the time as it is taking place.
11. **TIME MODE (TOTAL)** – Shows how much time is left on the full CD.
12. **TIME MODE (REMAIN)** – Shows how much time is left on a particular track.
13. **TIME BAR** – Show the time length depending on the setting of the “TIME” mode.
14. **TRACK** – Shows the track number that is playing.
15. **MINUTES** – Shows the minutes elapsed or remaining depending on time mode setting.
16. **SECONDS** – Shows the seconds elapsed or remaining depending on time mode setting.
17. **FRAMES** – The CD Player breaks down a second into 75 frames for accurate cueing. This shows the frames elapsed or remaining depending on mode setting.



18. **MODE DISPLAY** – Show the sound effect name, or MP3 file name /Folder. Folder name can not be displayed.
19. **PITCH** – Lights to indicate the pitch value is under it.
20. **PROG** – Lights to indicate there's a program list existing in normal playback. Blinks when the program list is performing.
21. **MT**– Lights up when performing master tempo function.
22. **RELOOP** – Lights up when performing the loop function.
23.  – Shows BPM value.
24. **BPM** – Illuminates when the power is on.
25. **AUTO** – Lights up when AUTO BPM function is activated.

## DESCRIPTION OF THE FUNCTIONS

### Rear View



#### 1. LINE OUT (RCA Jacks)

The analogue audio from each CD player is output from these jacks. Connect to the line input of the mixer.

#### 2. DIGITAL OUT

The digital audio from each CD player is output from this jack. Connect to the line input of the D/A Amplifier.

#### 3. Remote

This connector is used for connecting to FADERSTART wire remote control unit.

#### 4. Relay Connector

This connector is used for connecting to another CD player to allow Relay function to work.

#### 5. POWER (Power Switch)

Press the power switch to turn the unit on, and the LED indicator will be light. To switch the POWER off by pressing the POWER switch again.

#### 6. AC Power Cord

Connect this power cord into an AC wall outlet with the proper AC voltage.

## TECHNICAL

Quantization	1 bit linear/Channel, 3 Beam Laser
Oversampling rate	8 Times
Sampling Frequency	44.1 kHz
Frequency response	20 Hz to 20 kHz $\pm 2$ db
T.H.D. + NOISE	Less Than 0.03%
S/N ratio (IHF-A)	> 75 dB
Dynamic range	> 75 dB
Output level	1.0 Volts R.M.S. $\pm 0.2$ V
Disc Type	Standard Compact discs, AUDIO CD, CD-R & MP3 CD-ROM (MP3 files)
USB Ports	USB
Time Display	Track Elapsed, Track Remain, or Total Remain
Text Mode	Text Mode – displays CD-TEXT and ID3 tag information.
Pitch control range	$\pm 8$ , 16, 100% slider

### MP3 Format

	DISC	USB Devices
Applicable file extensions	.MP3 .mp3	.Mp3 .mP3
File Systems Compatible	ISO9660	FAT , NTFS , HFS+
CD-ROM sector / HD Capacity	mode-1 , mode-2	Max. 2000Giga byte
Folder / directory level	Max. 8 levels down	
Max. number for partition	Max. 16 Partitions	
Max. number for folders	Max. 999 folders	
Max. number for files	Max. 999 files	
MP3 format	MPEG1 layer3 32-320kbps , f/s 32K 44.1K 48K , MPEG2 layer3 40-1600kbps , f/s 16K 22.05K 24K ,	
Encoding	(VBR/CBR)	
ID-3 Tag	Ver. : V1.0 , V1.1 , V2.2 , V2.3 , V2.4	

## GENERAL

Power requirements	AC 230V , 50Hz.
Power Consumption	20W
Operating temperature	+5°C – +35°C
Weight	2729g
Dimensions	427(L)*345(W)*221(H)(mm)