

digit@lway



# mpio

## User's Manual

MULTI FORMAT CD PLAYER-CMG

digit@lway



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[www.mpio.com](http://www.mpio.com)

- ※ Please review the User's Manual before operating this unit.
- ※ Please keep well along with the User's Manual.

MULTI FORMAT CD PLAYER  
**CMG**

# SAFETY

## FCC INFORMATION FOR USER

### CAUTION :

The user changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### 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.

### For Canadian model

This class B digital apparatus complies with Canadian ICES-003.

For models having a power cord with a polarized plug:

**CAUTION :** TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

### Modèle pour les Canadiens

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

## IMPORTANT FOR LASER PRODUCTS

This unit employs a laser and CLASS 1 LASER PRODUCT. Only a Qualified service person should remove the cover or attempt to service this device due to possible eye injury.

**"CAUTION :** USE OF CONTROLS, ADJUSTMENT OR PERFORMANCE OF PROCEDURE OTHER THAN SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE"

**DANGER :** INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK FAILED OR DEFEATED, AVOID DIRECT EXPOSURE TO BEAM.



**CAUTION :** HAZARDOUS LASER RADIATION WHEN OPEN AND INTERLOCK DEFEATED.  
**ATTENTION :** RAYONNEMENT LASER DANGEREUX SI OUVERT AVEC L'ENCLÈCHEMENT DE SÉCURITÉ ANNULÉ.

# 1. Homepage

## 1. Web Address : <http://www.mpio.com>

At our homepage we are answering your Q & A's and have organized FAQs and other things you need to know.

Company overview and information on our products at Digitalway are fully described and provided.

When the **firmware upgrade** becomes available it will be featured on this site as well.

## 2. What's "MPIO"?

MPIO-CMG is a breakthrough CD player introduced by digitalway Co. which supports both MP3 files and WMA files.

The MPIO stands for **Multi-Play Internet Audio**, is a new generation digital audio player. The MPIO maintains high quality sound at all time.



Windows Media & Windows Media logo is Microsoft's registered trademark.

Please review the User's Manual before operating this unit.

## 2. Table of Contents

### SAFETY

1. Homepage .....	1
2. Table of Contents .....	2

#### Before you use

3. Special Features .....	4
New Functions .....	4
Standard Functions .....	5

#### Parts and Functions

4. Exterior Parts Description .....	6
Main Unit .....	6
Basic LCD .....	7
Rear .....	8
Remote Control .....	8
5. Contents .....	9

#### Functions and controls

6. Basic Function .....	10
KEY FUNCTION .....	10
CD PLAYBACK .....	10
DESCRIPTION .....	13
① Moving or navigating tracks .....	13
② Loops repeat Function .....	13
③ Repeat Function .....	14
④ Bookmark Function .....	15
⑤ Dual play mode Function .....	15

### 7. Contents of Menu .....

Contents of Menu .....	16
MENU set up .....	17
① NAVIGATION .....	17
② PLAY MODE .....	18
③ REPEAT .....	18
④ EQUALIZER .....	18
⑤ BASS .....	19
⑥ ESP .....	19
⑦ SYSTEM .....	20

#### Miscellaneous

8. Product Specifications .....	21
Product Specifications .....	21
9. FAQ(Frequently Asked Questions) .....	22
FAQ .....	22
10. Product Warranty .....	23
Product Warranty .....	23
11. Precautions .....	24
Precautions .....	24

## 3. Special Features

### New Features

MPIO adds new features that break the boundaries of the existing MP3CDPs

#### 1. Easy Navigation

- desired track can be found under directory, file name(Sort A-Z), or bookmark.

#### 2. Easy Bookmark

- Using SELECT key desired tracks can be found and bookmarked and can be selected or canceled even during playback.  
(BOOKMARK can be used under NAVIGATION as well)

#### 3. Dual Play MODE (A : All song , B : Bookmark MODE)

- A MODE plays all song in CD, B MODE plays only bookmarked songs.  
(Change in MODE still plays the last-played track)

#### 4. Firmware Upgrade

- Firmware Upgrade is possible so a continuous function upgrade can be done in the future.

#### 5. Multi 4 Line Graphic LCD (supports multi-language)

- Supports English, Korean, Japanese, chinese, european special scripts and many other languages.
- Indicates file name, track title, artist name(ID3 Tag information) of the current playback and also the next track.
- Indicates 7 band animated equalizer by using actual frequency substitute.

#### 6. 12 CDs Auto Memory (World's best)

- Restores and plays memory of up to 12 CDs' worth of data.  
(Bookmark list, final track, repeat, Bass, Volume, playback order)

#### 7. Powerful Shock Protection

- Continuous playback guaranteed against exterior impact MP3 CD: 480 seconds, WMA CD: 960 seconds, Audio CD:192 seconds(max).

### Standard Features

#### 1. Multi Format CD Player

Plays both the regular audio CDs and MP3, WMA files' CD-R/CD-RW.  
(supports next generation' s music formats with Firmware Upgrade)

#### 2. Supports all type of CDs

Supports Packet-write, Multi-session, ISO9660, Joliet, Enhanced CD(CD-Extra), Mixed-CD and all its CD formats.

#### 3. Various REPEAT MODE

Various REPEAT selections can be selected: repeating just once, repeating the directory, repeating the entire tracks, random, intro and many other.

#### 4. Limitless LOOPS REPEAT A→B

Desired track can be easily designated.  
(A convenient feature for language-related activities)

#### 5. Slim design multi-function remote control

Various functions of the main unit can be easily operated from this remote control.

#### 6. Graphic LCD

Features LCD that supports Back Light so you can browse through the information such as number of tracks and track number freely in the dark.

#### 7. Four types of Equalizers

Provides equalizers for Normal, Jazz, Rock and Classic.

#### 8. Easy Menu

Using MENU keys various functions can be selected and designated.  
(Navigation, PLAY MODE, Equalizers, BASS, ESP, SYSTEM)

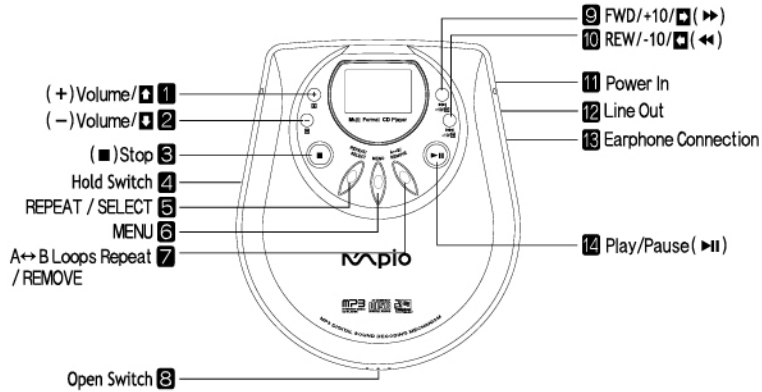
#### 9. Reinforced BASS booster

#### 10. 10-Hour Continuous Playback(Alkaline AA batteries used)

#### 11. Supports complete VBR(Variable Bit Rate)

# 4. Exterior Parts Description

## The Main Unit



- 1** Volume/UP (+)
- 2** Volume/DOWN (-)
- Controls volume
  - Use cursors **▲**, **▼** from the MENU

- 3** Stop (■)
- Stops playback/Power off (The power goes off automatically after 2 minutes elapse at the stop status.)

- 4** Hold Switch
- Buttons will not operate when the unit is locked.

- 5** Repeat / Select
- Changing Repeat mode during playback (quick click)
  - Adding the current track to Bookmark list (long click)
  - final select of an option from MENU

- 6** MENU
- Used for start and end of the Menu Mode.

- 7** A↔B Repeat/Remove
- A↔B repeat during playback (quick click)
  - Deleting the current track from Bookmark list (long lick)
  - Canceling the last selected option during playback (quick click)
  - Deleting all tracks from Bookmark list (long click)

- 8** Open Switch
- Slide to the right when opening the door.

- 9** Fastforward/+10 (▶▶)
- 10** Rewind/-10 (◀◀)
- Move to previous/next track (quick click)
  - Fastforward during playback (long click)
  - Navigating during stop status/+10 Navigation (long click) (SEARCH under SYSTEM, MENU /Select +10)
  - Move cursors **▲**, **▼** and in Menu

- 11** Power Input Terminal
- Connects the AC/DC adaptors

- 12** Line Out Connecting Terminal
- Connects to amplifiers, speakers, car kit and etc.

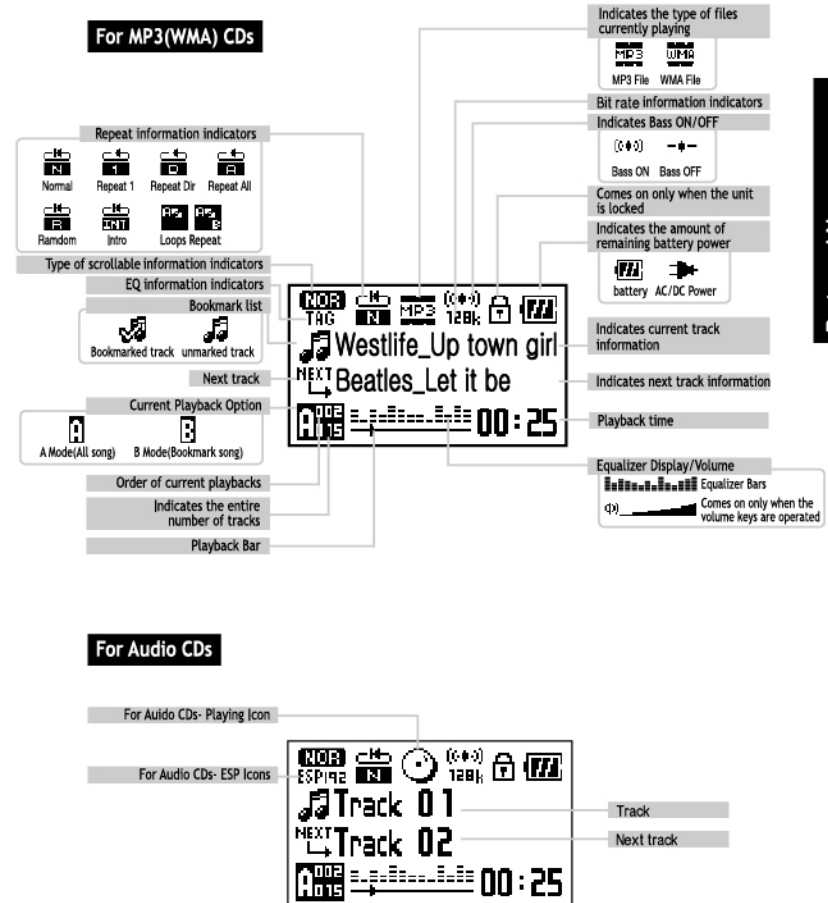
- 13** Earphone connecting Terminal
- Connects earphones

- 14** Play/Pause (▶||)
- For playback and pause of a track

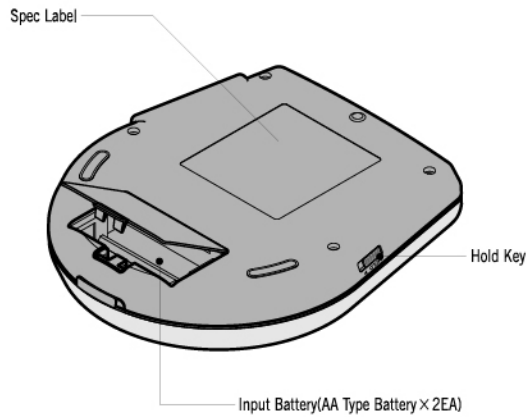
Parts and Names

Parts and Names

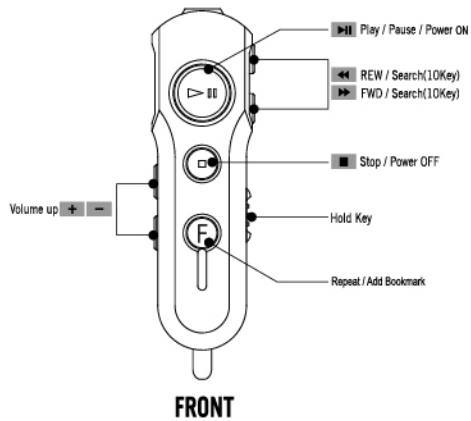
## Basic LCD



**REAR**



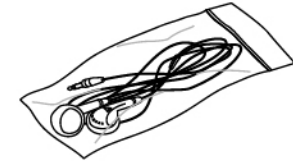
**Remote Control**



**5. Contents**



Main Unit



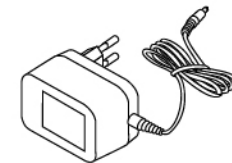
High-quality earphones



User's Manual



Remote Control



Adaptor



Carrying Case



Rechargeable Battery (AAx2EA)  
Ni-MH/1.2V, 1600mAh

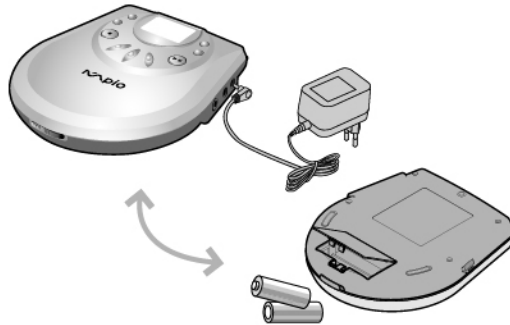
# 6. Basic Function

## KEY FUNCTION

Keys	Key Description	Function			
		During Playback		On MENU	
		Quick Click	Long Click	Quick Click	Long Click
PLAY		POWER ON PLAYBACK/PAUSE		PLAYS SELECTED TRACK	
STOP		STOPS PLAYBACK	POWER OFF		
REPEAT/SELECT		CHANGES REPEAT OPTIONS	ADDS TO BOOKMARK	ADDS BOOKMARK OPTION TO NAVIGATION MENU OPTION	
A↔B/REMOVE		A↔B LOOPS REPEAT	REMOVES FROM BOOKMARK	REMOVES BOOKMARK OPTION TO NAVIGATION MENU OPTION	REMOVES THE ENTIRE BOOKMARK LIST FROM THE NAVIGATION MENU
MENU		ENTERS MENU MODE		EXITS MENU MODE	
<VOLUME + /UP>		VOLUME CONTROL HIGH		CURSORS UP	
<VOLUME - /DOWN>		VOLUME CONTROL LOW		CURSORS DOWN	
FWD/+10		MOVES TO NEXT TRACK	FAST FORWARD FUNCTION (OR PLAYS THE 10TH TRACK AHEAD)	MOVES FORWARD	
REW/-10		MOVES TO PREVIOUS TRACK	REWIND FUNCTION (OR PLAYS THE 10TH TRACK BEFORE)	MOVES BACK	
HOLD			PREVENTS ERRORS IN KEY CONTROL		

## CD Playback

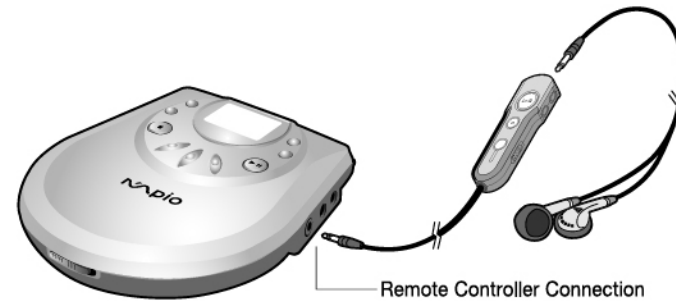
1. Connect the adaptor or the batteries.



2. Slide the Open Switch to the right and insert the CD with the front side facing up.

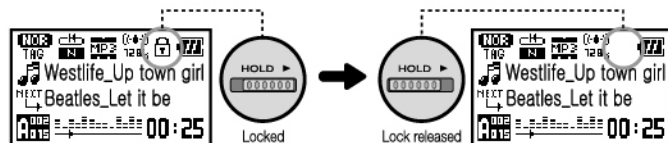


3. Connect the Remote Control and the Earphones as shown in the picture.



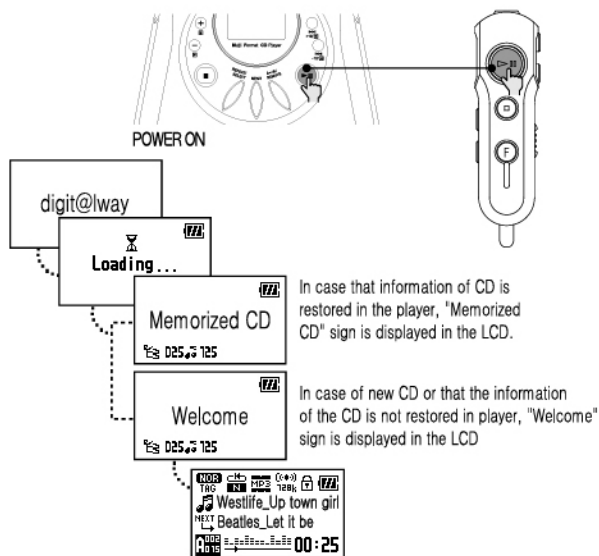
Remote Controller Connection

4. Release the Hold key.



5. Pressing Play/Pause (▶||) key starts playback.

※ On Systems menu selecting Autoplay turns the power on and playback begins at the same time



\* The Player can restore and play memory of upto 12 CD's worth of data (Bookmark list, final track, repeat mode, base, volume, playback order)

Description

1 Moving or navigating tracks

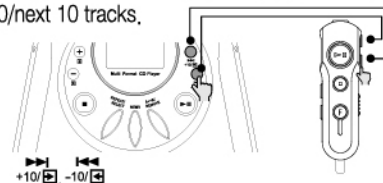
Selecting FWD(▶▶)/REW(◀◀)keys at a stop status will move to the next track.

Selecting Fwd/Rew as SEARCH on SYSTEM, MENU (see P.20 SYSTEM)

- A long press of FWD(▶▶)/REW(◀◀) during playback will fastforward or rewind.
- A long press of FWD(▶▶)/REW(◀◀) at a stop status will express navigate.

Selecting Fwd/Rew as 10 Key on SYSTEM, MENU

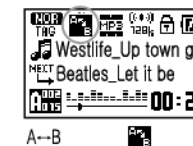
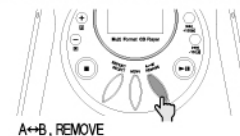
- A long press of FWD(▶▶)/REW(◀◀) during playback will play previous 10/next 10 tracks.
- A long press of FWD(▶▶)/REW(◀◀) at a stop status will navigate previous 10/next 10 tracks.



※ 10 Key function is a function that leaps 10 tracks from the current track and navigates.

2 Loops Repeat Function

- Pressing Loops Repeat/REMOVE key will loops-repeat.
- Pressing once selects the intro and pressing once again selects the ending part of a track.
- Pressing it once again cancels loops repeat function.
- Canceling loops repeat returns the mode to Repeat mode.
- Loops repeat is convenient feature for language-related activities.





### 3 REPEAT Function

- During playback selecting REPEAT/SELECT keys each time moves in order of NORMAL-REPEAT1-REPEAT DIRECTORY-REPEAT ALL-RANDOM-INTRO.

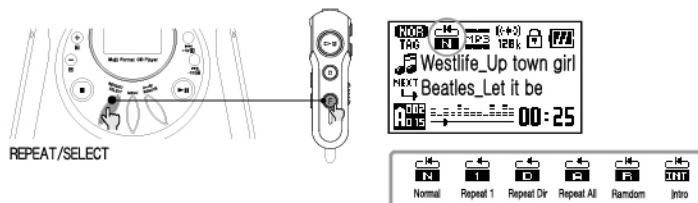
- NORMAL** : plays each track in order once and stops
- REPEAT1** : plays only the current track.
- REPEAT DIR** : repeats the entire directory the current track belongs to.

This function operates only on A MODE(All Song MODE). It will not operate on B MODE(Bookmark MODE)

- REPEAT ALL** : plays every track in order.  
On A MODE it plays all songs stored in a CD and on B MODE it plays all bookmarked songs

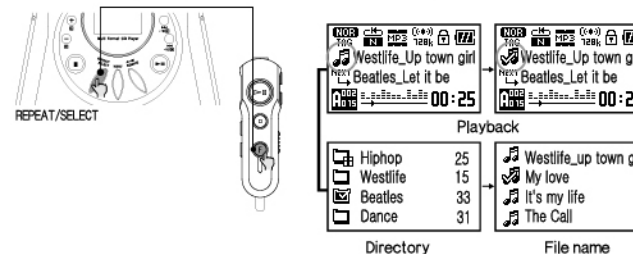
- RANDOM** : plays every track randomly once and stops.  
On A MODE it plays all songs stored in a CD in a random order and on B MODE it plays all bookmarked songs in a random order

- INTRO** : plays the first 10 seconds of each track.  
pressing PLAY key during Intro will play the track to the end and switches to NORMAL MODE



### 4 Bookmark Function

- Adding/Deleting the current playback
  - A long press on SELECT key during playback adds a track to the Bookmark list.
  - A long press on REMOVE key during playback erases a track from the Bookmark list.
- Adding/Deleting a bookmarked track from NAVIGATION
  - From NAVIGATION, MENU adding/deleting tracks is possible by searching in alphabetical or directorial order.



※ Adding/erasing current song to/from bookmark list is possible during the playback as well.

### 5 DUAL PLAY MODE Function

- A MODE : All song MODE allows you to listen to entire tracks of a CD.
  - B MODE : Bookmark MODE allows you to listen to only the bookmarked tracks.
  - Changing MODE is can be done from PLAY MODE, MENU.
- (see P.18 PLAY MODE )



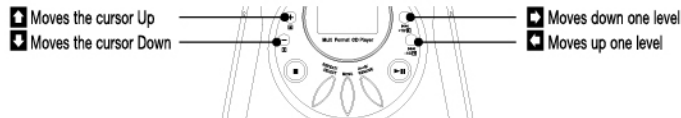
※ Our early products have a default setting as A MODE.

# 7. Contents of MENU

## Contents of MENU

During playback pressing MENU key moves to the menu list.  
However to move from MENU mode to PLAYBACK mode press MENU key.

	Main Menu	Sub Menu	End Menu
M E N U	1.NAVIGATION	Directory	
		Sort (A-Z)	
		Bookmark List	
	2.PLAY MODE	All song	
		Bookmark	
	3.REPEAT	Normal	
		Repeat 1	
		Repeat directory	
		Repeat All	
		Random	
		Intro	
		Normal	
	4.EQUALIZER	Classic	
		Rock	
		Jazz	
	5.BASS	Bass ON	
		Bass OFF	
	6.ESP	ESP ON	
		ESP OFF	
	7.SYSTEMS	Backlight	5 SEC/ON/OFF
		File/Tag	File/Tag
		REW/FWD	Search/10 Key
		Auto Play	ON/OFF
		Beep	ON/OFF
		Language	US & EU/ Chinese(S)/Chinese(T)/ Korean/Japanese
		Scroll	× 1/ × 2/ × 4
		Version	1.0

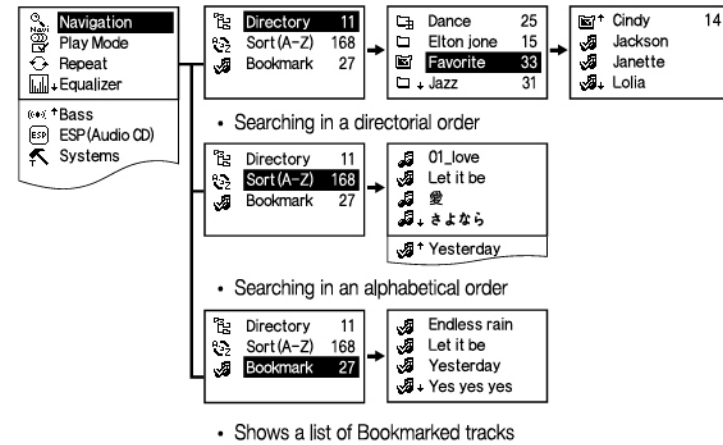


On Menu button control

## Menu set up

### 1 NAVIGATION

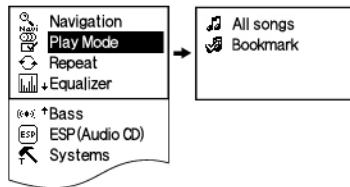
- This is a function to search for a desired track among more than 150 tracks.



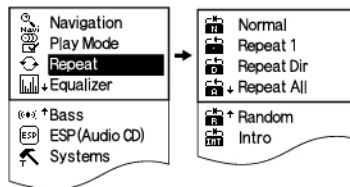
※ Using SELECT and REMOVE keys Bookmarking a directory or a file is possible.

## 2 PLAY MODE

- A MODE(All Song MODE) : listen to all the songs recorded in a CD.
- B MODE(Bookmark MODE) : listen to only the songs that are bookmarked.

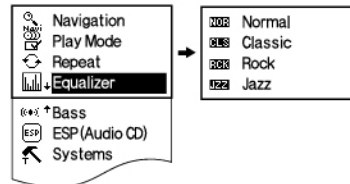


## 3 REPEAT (see P.14 REPEAT Function)



## 4 EQUALIZER

- Selects in order of NORMAL-CLASSIC-ROCK-JAZZ



## 5 BASS

- Sets ON/OFF of the BASS effect



## 6 ESP

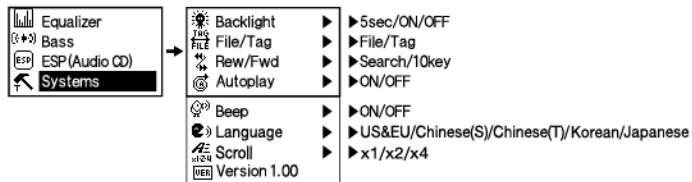
- Can be used only with audio CDs.
- For audio CDs ESP effects can be at 192sec/48sec/OFF.
- ESP 192sec/48sec may reduce the maximum battery hours.



※ This feature is automatically selected for MP3 CD/WMA CDs .  
(MP3 : 480sec, WMA : 960sec, AUDIO CD : 192sec)

## 7 SYSTEM

- **BACKLIGHT** : 5SEC - lights on for 5 seconds since the last operation of a key  
 ON - lights on all the time  
 OFF - lights off all the time
- **FILE/TAG** : FILE - an option to scroll a file name  
 TAG - an option to read TAG information and scroll
- **REW/FWD** : a long press on REW/FWD keys enables this option to choose between 10 KEY or search within the track
- **AUTO PLAY** : when the power is on playback resumes automatically.
- **BEEP** : sounds everytime any key is pressed for operation
- **LANGUAGE** : US & EU/Chinese(S)/Chinese(T)/Korean/Japanese
- **SCROLL** : Control the scrolling speed of file name or ID3 tag information on LCD.
- **VERSION** : displays the current Firmware version



System sub menu			Default
System	Backlight	5 sec	●
		ON	
		OFF	
	File/Tag	File Name	●
		Tag Information	
	REW/FWD	Search	●
		10 Key	
	Auto Play	ON	●
		OFF	
	Beep	ON	●
		OFF	
	Language	US&EU	●
		Chinese(S)	
		Chinese(T)	
		Korean	
Japanese			
Scroll	x 1	●	
	x 2		
	x 4		
Version	Ver. 1.00	●	

## 8. Product Specifications

### Product Specifications

	Description
supporting file/media	WMA, MP3 CD(MPEG 1, 2, 2.5 Layer 3), CD-DA, CD-R, CD-RW (12Cm, 8Cm)
supporting CD formats	Packet write, Multi-session, Enhanced-CD(CD-Extra), Mixed-CD, UDF, ISO 66, Joliet
voltage	adaptor : DC4.5V 700mA batteries : AA×2EA Alkaline
Size(W*H*D)/Weight	Size : 130×150×26 (mm) / Weight : 230 (g)
T,H,D	< 0.1%
S/N	> 90dB
VBR	0~100%
LCD	4LINE Backlighted FULL graphic LCD (112×64 Dot)
Connectors	Remote controller connector : ø 3.5mm 5 polar Lineout : ø 3.5mm 3 polar DC connector : OUT ø 3.5/IN ø 1.3
Earphone output	7mW
Accessories	Earphone, Adaptor, User's Manual, Wired remote Controller, Carrying case, Rechargeable batteries(Ni-MH/1.2V, 1600mA)

## 9. FAQ(Frequently Asked Questions)

### FAQs(Frequently Asked Questions)

#### Q The power does not turn on.

- A
- Check the poles are properly aligned.
  - Make sure the HOLD key is locked in.
  - Make sure they are charged as well.

#### Q A message "NO DISC" comes up in the LCD.

- A
- when the CD does not recognize : check the CD and insert it again.
  - The CD may have been damaged.
  - The CD may have been scratched.
  - Foreign material such as dust is on the CD: wipe it off with soft cloth.

#### Q I don't hear anything or I hear noises.

- A
- Make sure the unit is properly connected to remote control and earphone terminals.
  - Check if the main unit or earphone volumes are set at the minimum(0).
  - Check if the music file is damaged.
  - Make sure ESP function is on for AUDIO CDs.
  - Check for severe impact or shock during playback.

#### Q The unit does not recognize other files in a CD.

- A
- If the extender is not MP3 or WMA it can not be recognized.
  - When the other music files and non-music files are mixed in a CD the latter will not be displayed and will be skipped during playback.

## 10. Product Warranty

### Product Warranty

At DigitalwayCo, we guarantee our products specified below.

For product malfunction please contact the store where the product was purchased (Or contact us at our homepage, [www.mpio.com](http://www.mpio.com) when reaching the purchased store is not possible).

**Warranty period : one (1) year**

Product Name	Digitalway Multi Format CD Player	Model Name	MPIO-CMG
Purchased Date		Serial Number	
Purchased Location		Sale Price	

#### Free Service

Service at no charge is available for malfunction within one year after the purchase date(product warranty period).

#### Paid Service

Specified below are the cases of paid service.

- For malfunction after the product warranty period
- cosmetic damage or damage due to accident, misuse or improper operation
- malfunction due to the impact caused by dropping the unit
- malfunction when other parts and accessories specified and provided by Digitalway Co. were used with the unit

※ This warranty will not be issued.  
Please keep well along with the user's manual.

# 11. Precautions

## Precautions

1. Please avoid dusty and damp areas.
2. Do not insert a damaged CD.
3. Do not touch the lens or scratch its surface.
4. The unit may not operate on an uneven surface.
5. Please store the batteries separately when not using them for an extended period of time.
6. Please avoid foreign material from entering the unit.
7. Do not attempt to service the unit yourself. Opening or removing parts will cause malfunctions.
8. Please avoid direct sunlight or heat.
9. A severe impact on the main unit or on the remote control may cause malfunctions.
10. Do not touch the AC/DC Adaptor with wet hands.
11. Listening to the unit on high-volume for a long period of time may cause weakness in hearing ability.
12. Do not recharge Alkaline batteries.

