

MCD381EM_ENG_V1.1a

MCD381 8cm CD/MP3/WMA Player - FM tuner User's Manual

A-MAX Technology Co., Ltd

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<http://www.amaxhk.com>

Notice: All manuals, quick start guide and packing text is based on English version. If there is any discrepancy, please use the English version as reference.



Dear Customer

Thanks for your purchase of the NAPA MCD381, a portable player that plays 8cm WMA, MP3 and CD. The MCD381 support a FM tuner and provides up to 120 seconds [Electronic shock Protection \(ESP\)](#) for Audio CDs and 960/480 seconds for WMA/MP3 CDs to eliminate skipping during playback. For optimum performance and safety, please read these instructions carefully. Before connecting, operating or adjusting this product, please read these instructions completely. Please keep this manual CD for future reference.

Notice: All manuals, quick start guide and packing text is based on English version. If there is any discrepancy, please use the English version as reference.

Navigating the User's Guide

This User's Guide is in Adobe Acrobat (.PDF) file format.


Important:

We recommend that you use Adobe Acrobat Reader version 4.0 or higher to view and print the NAPA User's Guide. Acrobat Reader 4.0 is available on the NAPA Manual CD.


Click blue, underlined text links to jump to another location in the document or to a location on the Internet.

Click the [Contents](#) link at the top of any page to go to the list of User's Guide contents.

Using Acrobat

Click the navigation buttons  in the Acrobat toolbar to go to the first page, previous page, next page, or last page of the User's Guide.

Click the print button  in the Acrobat toolbar to print the User's Guide.

Click the show/hide navigation pane button  in the Acrobat toolbar to show a list of bookmarks.

Bookmarks are links to the contents of the User's Guide. Click any bookmark in the list to jump to the page in the User's Guide that contains the topic.

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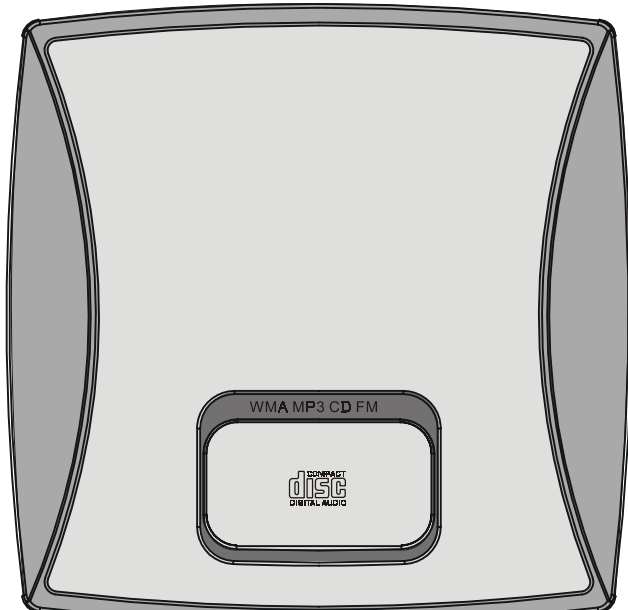
Introduction

Package

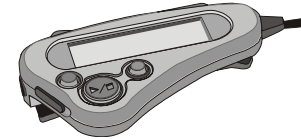
MCD381 8cm MP3/WMA CD Player

Introduction

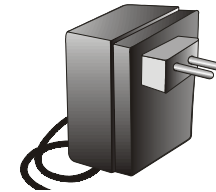
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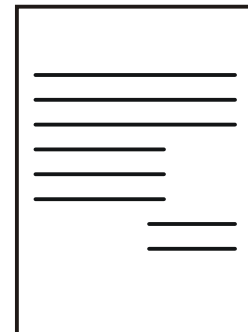
LCD Line Remote



Adaptor



Quick Start Guide



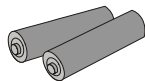
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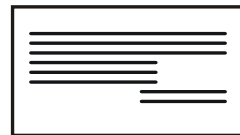
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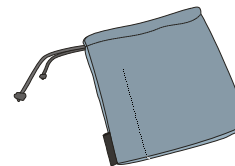
2AAA batteries



Warranty card



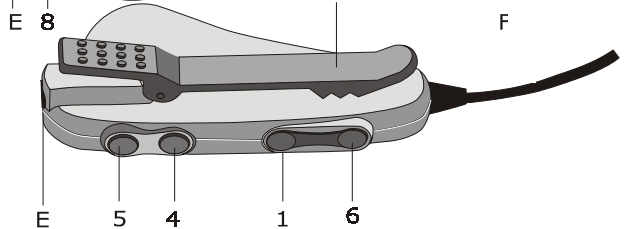
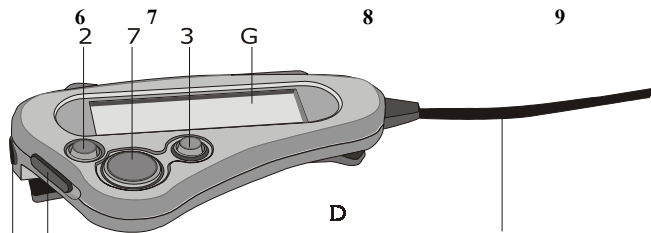
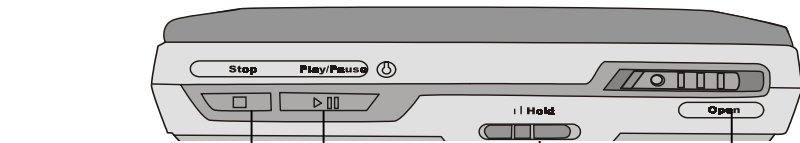
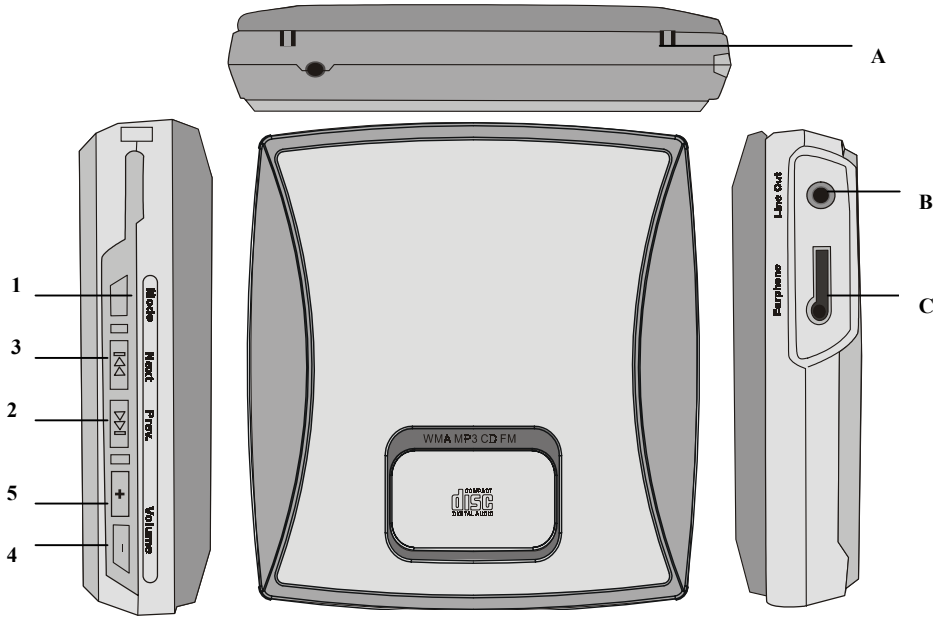
Carry Case



Tour of NAPA player

Introduction

Tour of NAPA player



Indicators	Controls	Functions
1	Mode	Enter setup main menu/enter FM mode
2	Previous	Skip backward to previous track / directory
3	Next	Skip forward to next track / directory
4	Volume	Decrease the Volume level
5	Volume	Increase the volume level
6	Stop	Stop playback / power off
7	PLAY / PAUSE	Start playback / pause / power on
8	Hold	Lock the keys of the player.
9	Open	Open or lock the door of the player.
A	DC4.5V	DC4.5V jack to connect with mains adapter.
B	Line Out	Line out jack to connect with other amplifiers.
C	Earphone Line Remote	Earphone/Line Remote jack on the unit
D	Clip	Secure the line remote while jogging.
E	Earphone	Earphone jack on the line remote control.
F	Cord	Cord to connect the remote and the unit.
G	LCD	Liquid Crystal Display

Using player

Getting Started

1

Unpack

Make sure your player includes the following accessories:

- MCD381 MP3/WMA CD player with FM tuner
- Quick Start Guide
- Power Adapter
- 1 Manual CD
- Warranty Card
- Earphones
- Line Remote control with LCD
- Carry case
- Two AAA NI-MH rechargeable batteries

2

Install batteries

- 1 Press the OPEN button to release the latch and lift the top of the MCD381 player.
- 2 Remove the battery compartment cover on the inside of the MCD381.
- 3 Insert the two supplied batteries. Ensure the batteries are inserted properly by matching the + and –symbols on the battery with the symbols on the MCD381.
- 4 Replace the battery compartment cover and close the MCD381 player.
- 5 Plug the supplied Adaptor into DC IN port on the side of MCD381 and into a power outlet.

NOTICE: When using the MCD381 for the first time, the Ni-MH battery should be charged for **10 hours**. The battery charge mechanism of MCD381 is designed to be *slow charge mode*. This *slow charge mode* aims to extend the durability of the Ni-MH battery and to ensure that they are always fully charged. **However, you are advised to restrict the charging time within 10 hours from time to time.**

3

Connect External Devices

1. Connect the supplied earphones to the EARPHONE jack on the side of the player.
2. To use the Remote Control, plug the earphone cable to into the Remote Control, then plug the Remote Control cable into the EARPHONE port on the side of player

Using player

Getting started

4

Playing Music

Using player

5

[Play music](#)

1

Insert Disc

- 1 Slide the **Open** button to release the latch, and open the CD cover.
- 2 Remove the cardboard insert.
- 3 Insert an 8cm audio CD or MP3/WMA CD into the player, label side up.
- 4 Close the CD cover.

NOTE: The NAPA Player can play CDs with the following logos:



2

Play Music

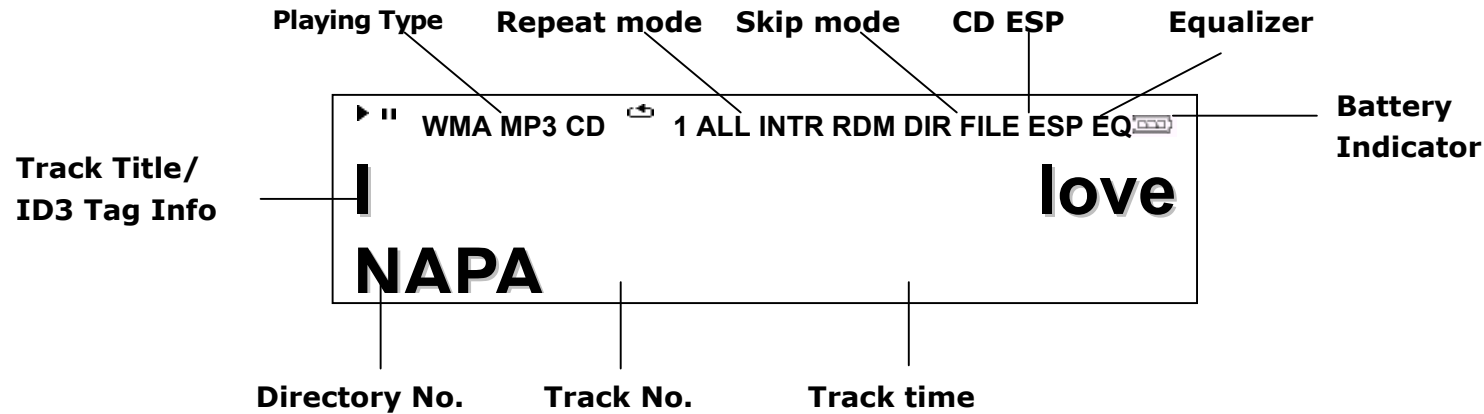
- 1 Press and hold the **Play/Pause** ▶ || button to turn on the player and begin playback.

NOTE: There will be a short delay while the player loads your music tracks and track information.

- 2 Press the **Stop** ■ button to stop playback. Press and hold **Stop** ■ for 1.5 seconds to turn off the player.

NOTE: If the player displays 'Lock' and power off automatically when you press the Play/Pause ▶ || button, check the HOLD switch on the player and on the line remote to make sure the switch is released.

LCD display



Function

LCD display

Track Title /ID3 Tag display / CD Text Display

- If a CD is an audio CD-DA, this line of the display shall scroll from side to side with the track number (e.g. CD Track 01) of the music track. If the CD contents CD-TEXT, displays the text in this line and scroll from side to side with the track number.
- If a track is encoded using MP3 or WMA format, this line on the display shall scroll from side to side through the Artist Name and Album Name as contained in the **ID3 Tag**. The Artist name and CD Title shall be separated by a hyphen with a space on either side (-). If no **ID3 Tag** information is present this line on the display shall scroll from side to side with the file name of the encoded track. If the track exists in the root directory of the CD, the CD Volume Label shall be displayed on this line of the display.

e.g.

MP3/WMA DISC:

(Track Title – Artist: Artist name – Album: Album name)

(I love NAPA-Artist: AMAX- Album: My Favorites)

(NAPA Music-Artist: AMAX- Album: My Favorites)

CD DISC

(AudioTrack12)

CD DISC WITH CD-TEXT

(AudioTrack12 – CD-TEXT CONTENTS ABOUT THIS TRACK)

FM Mode

No icon illuminates the playing is in **FM Mode**.

While user switches to **FM Mode** by pressing and hold the **Mode/CD-FM button**,

Line 1 display: FM XXXMHz

Line 2 displays: [P XX] ST

For details please Refer to [FM Mode](#).

Directory Number

Shall display the directory number being played. If it is in root directory, displays '01'

If it is an audio CD, shall display '**ESP**' or '**CDA**' instead.

Track Number

Shall display the track number being played.

Track Time

Shall display the time elapsed in the track. Track Time shall display the total time of this track first before the track to be playback. When it starts to playing back the music, it reset to 00:00 and count the time.

Volume Level

Shall overlay the line 2 displays and indicate the volume level numerically when the **Volume Buttons** are pressed. After a short time, the indicator shall then disappear and be replaced by the line 2 displays. The available range of volume levels shall be 0 to 32 and shall be distributed with a wide delta at the low end of the scale (i.e. non-linear volume scale).

e.g. VOL [25]

Lock

There is not an indicator to show the status of Hold button in the player or line remote, but when any key in the player is being pressed, the LCD shall display '**Main Lock**' and overlay in **line 2** for 250ms to indicate the Hold/Release switch in the player is in the on position.

If it is the Hold button in the line remote control in lock position:

When any key in the line remote is being pressed, the unit shall display '**Remote Lock**' and overlay in line 2 for 250ms to indicate the Hold/Release switch in line remote is in the on position.

Function

LCD Display

Function

General Function

- **PLAYING DISC**

CD-DA•CD•ROM•MP3/WMA••MULTI SESSION DISC•CD•R•CD•RW•WMA•MP3•CD•DA with ESP•

- **PLAYING FILE**

MCD381 supports VBR encoding rates from 32 to 320kbps per MP3/WMA track, Sampling at 32khz •44.1khz or 48khz

- **ESP CONTROL**

Provide Electronic Shock Protection for CD-DA•MP3•WMA disc

NO ESP plays without ESP function for CD-DA disc

CD-DA ESP ESP time is about 120 seconds

MP3 ESP ESP time is about 480 seconds

WMA ESP ESP time is about 960 seconds

- **DIRECTORY LEVEL**

8 levels of directory/album for MP3/WMA CD (based on ISO 9660) can be recognized. However, total playable files and directories are limited up to 630. In case of 20 directories in total, the number of files can be saved would be up to 610.

- **POWER SAVING**

Provide several stand-by mode for power saving

POWER OFF All systems power is off

Auto off (after 65 seconds in the STOP mode)

Auto off (after 65 seconds in the OPEN mode)

Power off by pressing and holding the STOP key

PLAY READY If buffer memory is full, all servomotors will stop.

- **VOLUME CONTROL**

Press the Volume up or down key to adjust the volume level, which is controlled in digital level with 0 to 32 levels.

Advanced Function

Setup Menus

User can setup the player in order as following:

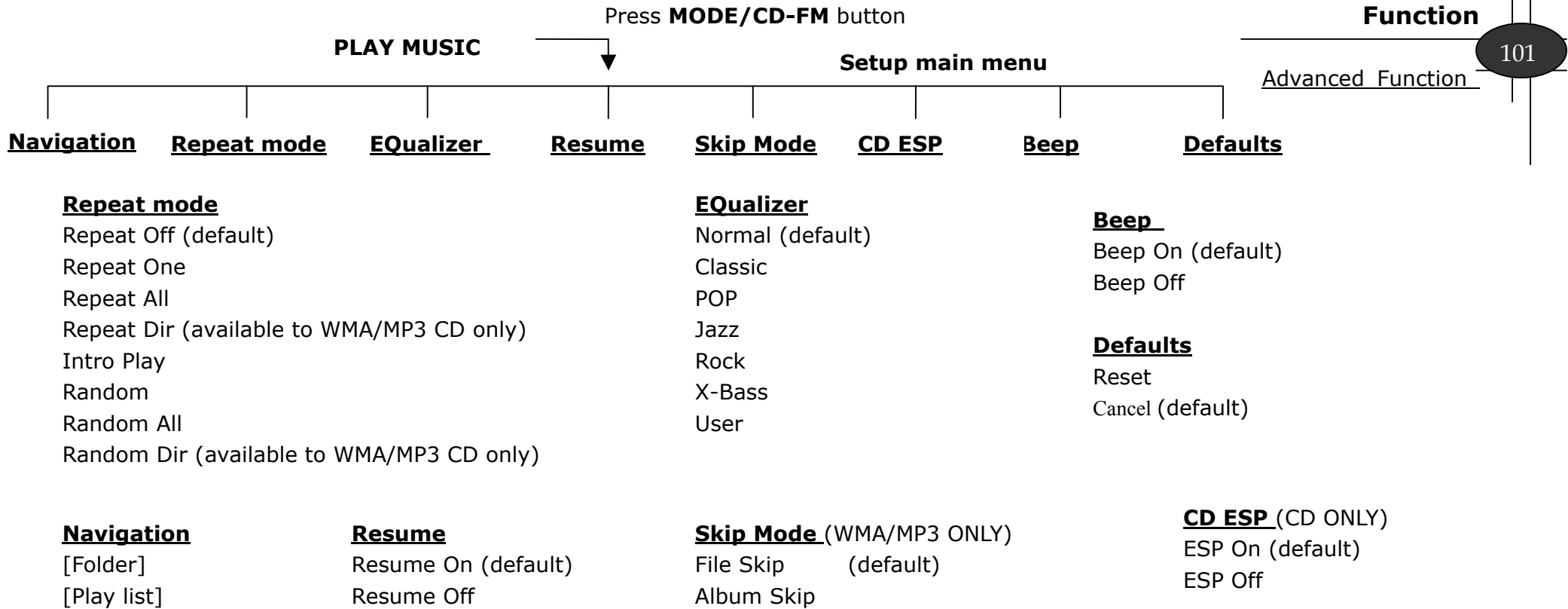
[Navigation](#) [Repeat mode](#) [EQualizer](#) [Resume](#) [Skip mode](#) [CD ESP \(FOR CD ONLY\)](#) [Beep](#) [Defaults](#)

Function

[Advanced Function](#)

[Setup Menu](#)

- 1** To setup the player, press the **Mode/CD-FM** button to show Setup main menu. The first setup item will display with an arrow ▶ next to it.
- 2** Press the **Next** button and **Previous** button to cycle through the setup items. The arrow → will move from item to item.
- 3** Press the **Play/Pause** button to select a setup item and display its options. The first option displays with an arrow → next to it.
- 4** Press the **NEXT** button and **Previous** button to cycle through the options. The arrow → will move from option to option.
- 5** If the option is you want, press the **Play/Pause** button to select the desired option, or wait for 15 seconds—the player will use the option and return to upper menu.
- 6** To go back in the menu, use **Stop** button to exit to upper menu. If it is in main menu, it will exit the menu.



Repeat mode

For CD of **WMA/MP3**, the Repeat mode sequence is as follows:













**Repeat Off → Repeat One → Repeat All → Repeat Dir → Intro Play →
Random → Random All → Random Dir → Repeat Off**

For **CD-DA**, the Repeat mode sequence is as follows:

**Repeat Off → Repeat One → Repeat All → Intro Play → Random →
Random All → Repeat Off**




Explanations:

- Normal (**Repeat Off**): Repeat mode is not operating.
- Repeat One (**Repeat One** ): Current track is played repeatedly.
- Repeat All (**Repeat All** ): All tracks are played repeatedly.
- Repeat One Directory (**Repeat Dir**  ): Current directory/album is played repeatedly (**available to WMA/MP3 CD only**).
- Intro Play (**Intro Play** ): Each track on the disc is played for the first 10 seconds only.
- Random (**Random** ): All tracks are played without sequence, and after all the tracks on the disc are played, the player will stop automatically.
- Random Repeat All (**Random All**   ): All tracks are played without sequence repeatedly.
- Random Repeat Directory (**Random Dir**   ): All tracks of a directory/album are played without sequence repeatedly (**available to WMA/MP3 CD only**).

Function
Advanced Function

CD ESP (CD-DA only)

When the CD ESP is turned on, you can see  is displayed on the LCD. **This ESP function is solely for audio CD (CD-DA) only.**


On the contrary, the ESP function for WMA/MP3 is automatically activated whenever MCD381 is used for playing WMA/MP3 disc.

ESP On → ESP Off → ESP On

Equalizer (EQ)

This feature controls audio equalizer, control procedure is as follows:

NORMAL → CLASSIC → POP → JAZZ → ROCK → X-Bass → User → NORMAL

The EQ menu allows you to choose either an EQ Preset or create a User setting by adjusting the Bass and Treble. Whenever audio equalizer is operating,  is displayed on the LCD.

In User submenu:

Use the **Next** button to increase and use the **Previous** button to decrease the Treble/Bass value.

Use the **Play/Pause** button to cycle through the option values.

Use the **Stop** button to move up to upper menu until exit menu mode.

SKIP mode (MP3/WMA only)

MCD381 supports two kinds of file search mode to search a file quickly.

File Skip → Album Skip → File Skip

The following steps serve as example to search a file:



File skip

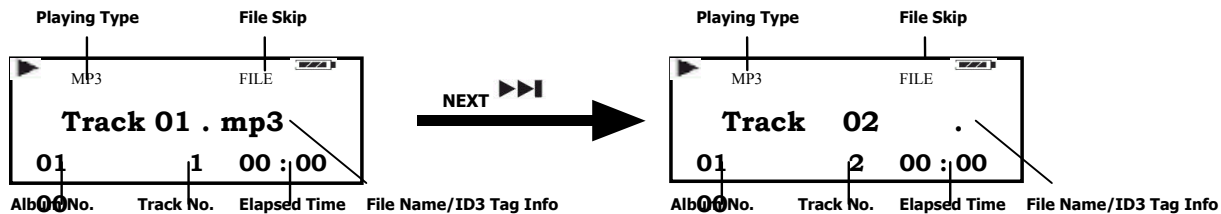
1. While MCD381 is playing WMA/MP3 CD, press **Mode/CD-FM button** to enter the setup main menu
2. Press **Next** button or **Previous** button to move up/down to select **Skip mode**
3. Press **Play/Pause** button to enter skip mode.
4. Press **Next** button or **Previous** button to select **File skip**.
5. Press **Play/Pause** button to confirm.

Then the player will use File skip mode. In CD mode, the unit will skip to next/previous track when **Next/Previous** button is pressed.

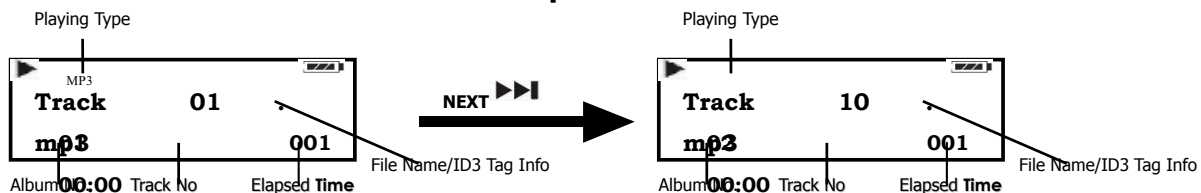
Album skip

1. While MCD381 is playing WMA/MP3 CD, press **Mode/CD-FM button** to enter the setup main menu
2. Press **Next** button or **Previous** button to move up/down to select **Skip mode**
3. Press **Play/Pause** button to enter skip mode.
4. Press **Next** button or **Previous** button to select **Album skip**.
5. Press **Play/Pause** button to confirm.

Then the player will use album skip mode. In CD mode, the unit will skip to next/previous directory when **Next/Previous** button is pressed.



File skip Mode



Function

Advanced Function

Skip mode

Navigation

Album Skip Mode

PlayList Mode

In PlayList menu, using all two lines of the display shall show the playlists on the CD. Directory names and playlist names shall be enclosed in brackets ([]). The playlist is the .M3U file that is the play sequence for the music on the disc.

Displays the .M3U file name as following.



When a non-CD-DA disk is placed in the unit, a search shall automatically be done to locate all the play lists (.m3u files) that exist on the CD. Selecting the Play List in the menu shall display all the available play lists and shall allow navigation through them. The method of navigation shall be identical to that of navigating directories and tracks. That is to say, the music in the list will be treated as in one folder named by the .M3U filename.

Folder Mode

The user shall use the PLAY/PAUSE, NEXT, PREVIOUS, STOP AND MODE/CD-FM KEYS TO Navigate within directories or play lists.

1. Press **Mode/CD-FM** button.
2. Press **Next** button or **Previous** button for several times to move to **Navigation** submenu. Press **Play/Pause** button to enter.
3. Press **Next** button or **Previous** button for several times to move to **Folder** .
4. Press **Play/Pause** button to enter the **Folder** submenu.
5. Press the **Previous** button to move down the list of directories or play lists
6. Press the **Next** button to move up the list of directories or play lists.
7. Press the **Play/Pause** button to select a directory or play list to navigate.
8. The unit then plays the selected directory/folder or play list. And one indicator of '**DIR**' will be illumined to indicate the play is in **Album Skip** mode.

Function
<u>Advanced Function</u>
<u>Navigation</u>

Beep

This feature allows you to set whether or not an audible beep is heard when buttons are pressed and at what volume level that beep is heard. The options are:

Beep on ----- Turns on the beep feature.

Beep off ----- Turns off the beep feature.

Resume

Resume on ----- The player returns to the same song it was playing when it was powered off or switched to FM Tuner Mode.

Resume off ----- The player begins playing the CD at the first song when it is powered back on or switched from FM Turner to CD mode.

Defaults

This feature returns all settings back to their factory defaults. The options are:

Reset ----- Displays a confirmation screen (see right). No is Default.

Cancel ----- Changes nothing.



FM Mode

FM Tuner Mode

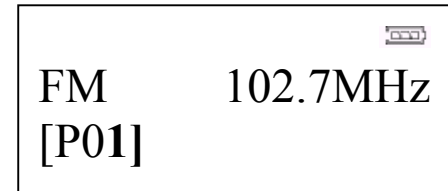
- 1 Press and hold the **MODE/CD-FM** button to enter FM tuner Mode.
The display switches to FM Tuner Mode, indicating the frequency at which it is currently tuned.
- 2 Press **Play/Pause** button to tune to next preset; Press **Stop** button to tune to previous preset.
- 3 Press **Next** button to scan forward or the **Previous** button to scan back through the FM frequencies until you find one you like.

Function

FM Mod

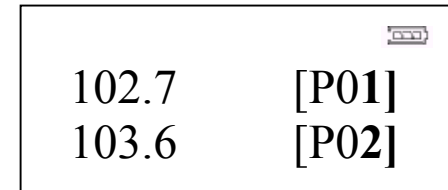
Setting Presets

4. Press and hold the **Play/Pause** button to enter Preset Program mode.
 - a) The preset number will flash.
5. Press **Next** button and **Previous** button to cycle through the preset Numbers (P 01-10).
6. Press **Play/Pause** button to assign the current FM frequency to the displayed Preset Number.
7. Press **Stop** button to return to FM Tuner Mode.



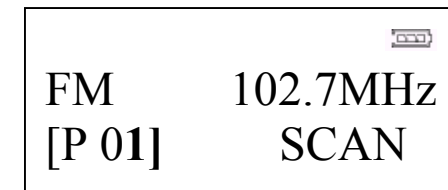
Using Presets

- 1 Press **MODE/CD-FM** button to enter FM menu.
- 2 Press **Next** button or **Previous** button to move up/down to select **Navigation**.
- 3 Press **Play/Pause** button to enter Preset Navigation Mode.
- 4 Press **Next** button to move down the preset list. Press **Previous** button to move up the preset list.
- 5 Press **Play/Pause** button to select a preset and return to FM Tuner Mode.
The player tunes to that selected frequency.



Re-Preset

- 1 Press **MODE/CD-FM** button to enter FM menu.
- 2 Press **Next** button or **Previous** button to move up/down to select **Re-preset**.
- 3 Press **Play/Pause** button to enter Preset Navigation Mode.
The player will scan through the entire FM frequency range and renew all 10 presets automatically.



Programmable Playback

The NAPA MCD381 supports programmable playback. The feature allows you to program up to 32 tracks, makes it perfect to customize the playback sequence, in accord to your personal preference. However, please note that program feature only starts to function when the play is not in playback status.

Programming a MP3/WMA/CD-DA disc

- 1 Press **Stop** button once to cease the playback, the LCD displays the information as following



WMA/MP3



CD-DA

- 2 Press **Mode/CD-FM** button, the LCD displays as following



WMA/MP3



Directory No.

Track No.

Track No. (000 and/or 00) will be flashing and waiting for your input.

- 3 Press **Next** or **Previous** button to scroll to your desired track No., and press **Mode/CD-FM** button to confirm with the track selected. Program Count would jump to **P-002, P-003... P-032** and so on.
- 4 Repeat Step 3 until program memory becomes full, that is, when program count reaches **P-032**.
- 5 When you finished the program input, press **Play/Pause** button to programmable playback.
- 6 Press **Stop** button to cease the programmable playback. The play list is still in the system memory. If you want to play the list, press **Mode/CD-FM** and press **Play/Pause** button.
- 7 To create a brand new play list, press **Mode/CD-FM** and press **Stop** button. The memory will be cleared. Then Repeat Step 1 to Step 5.

Function

Advanced Function

Program Playback

Frequently Asked Questions

1. What type of CDs can I play with the NAPA MCD381?

You can play 8cm CDs that have MP3/WMA music files or you can play regular CD audio music discs.

2. Can I mix CD audio with MP3 files?

No. You can play either CD discs or CDs that have MP3/WMA music files. They cannot be mixed together.

3. Can I playback CD-R and/or CD-RW discs?

Yes. You can playback CD-R and/or CD-RW discs. The Multi-Session format is supported, so you can add tracks onto the CD-R or CD-RW

4. Where is the Battery indicator on my MCD381?

The battery indicator on the MCD381 is located in the top-right corner of the display. The segments in the battery icon show the remaining battery power. All three segments illuminated = a fully charged battery. Segments not illuminated = a run down battery.

5. What kind of skip protection is there on the NAPA MCD381?

The MCD381 uses Electronic Shock Protection to help prevent skipping during playback. When playing MP3/WMA files, you get up to 480/960 seconds of skip protection. When playing Audio CDs, you have the option of up to 120 seconds of skip protection.

6. How does E.S.P (skip protection) work?

When the player first starts, a buffer is filled with the track data. The CD stops spinning as the tracks play out of memory, which helps conserve battery life. When about 30 seconds of time remain =in the buffer, the CD will again spin up and refill the buffer. Note that during this time, if the MCD381 is jarred so that the buffer cannot be filled – for example, when jogging or riding a bicycle- then the player may begin to skip. You will need to let the buffer fill in order to have Skip—free performance.

7. What kind of batteries can I use with my MCD381?

The unit can use 2 AAA Alkaline Batteries and Ni-MH rechargeable batteries (supplied), too.

8. How much playtime can I get from 2 AAA alkaline batteries?

Playtime varies with battery type and music content. However, as a guideline the following applies: MP3/WMA has up to 8 hours of music playtime. Audio CDs will have up to 5 hours of playtime with ESP on and 6hours with ESP off.

Troubleshooting

FAQ & Troubleshooting

Troubleshooting

Symptom	Check point	Treatment
Power cannot be turned on	<p>Batteries</p> <p>Are the batteries inserted correctly?</p> <p>Are the batteries exhausted?</p> <p>Mains adapter</p> <p>Loose connection?</p> <p>Is the mains adapter connected properly?</p>	<p>Insert batteries</p> <p>Replace batteries</p> <p>Connect the adapter securely</p> <p>Connect the mains adapter properly.</p>
Playback is impossible or stops during playback CD	<p>Is the disc cover closed properly?</p> <p>Is the unit in the HOLD mode?</p> <p>Is there condensation on the lens?</p> <p>Is the CD inserted properly?</p> <p>Is the CD scratched or damaged?</p>	<p>Close the disc cover tightly</p> <p>Deactivate HOLD</p> <p>Wait until the lens has cleared</p> <p>Place the CD with the label side up</p> <p>Try another CD</p>
No sound or poor sound quality	<p>Are connection plugs inserted properly?</p> <p>Is the volume set too low?</p> <p>Is the headphone plug dirty?</p> <p>Is the unit located near strong magnetic fields?</p>	<p>Check all connections</p> <p>Adjust the volume</p> <p>Clean the headphone plug</p> <p>Move the set away from strong magnetized fields</p>

Specification

Specification

Unit	Items	Value
Audio	MP3 Sampling rate	8/16/22/32/44/48 KHz
	MP3 Bit-rate	16/32/64/96/112/128/160/192/224/256/320
	EQ	Normal/Pop/Classic/Jazz/Rock /X-Bass/ User Setting
	S/N rate	> 85 dB
	Frequency Response	20Hz - 20KHz
	Maximum Output PER channel	>5mW (32 Ohm)
Tuner	FM	88MHz-108MHz
I/O	Earphone-phone Jack	Stereo
	Display	2 lines x12 characters 1 Line Icons
User Interface	8 keys (as explained above)	Push Type
Power	2 AAA Batteries	1.5V x 2
Playing time	MP3 mode/128kps/ Alkaline Type	6 ~ 8 Hours
	WMA mode/64KPS/Alklaline Type	6 ~ 8 Hours
	CD-DA with ESP	4 ~ 5 Hours
	CD-DA without ESP	5 ~ 6 Hours

*All specifications and photos are subject to change without notice



**Reminder
Caution**

- Risk of explosion, damage or battery leakage is possible, if battery is replaced incorrectly or by an incorrect type, dispose of used batteries according to instructions of local laws.
- Use of headphones while operating a vehicle is not recommended, and is unlawful in some states and areas. Be careful and attentive while driving. Stop operation of the player if you find it disruptive or distracting while operating any type of equipment.
- Do not play your earphones at a high volume. Hearing experts advise against continuous extended play.
- Class 1 Laser- Invisible laser radiation when open and interlocks defeated, avoid exposure to beam

Warning Keep the unit away from direct sunlight, strong magnetic fields, excessive dust, humidity and electronic /electrical equipment (home computers, facsimiles, etc.) Which generate electrical noise

Customer Care

<p>Please directly contact your dealer for RMA service. To contact our sales office for questions please send email to following address.</p>	
<p>A-MAX Technology Co., Ltd. 12/F, Remington Centre, 23 Hung To Road, Kwun Tong, Hong Kong Tel: 852-27986699 Fax: 852-27536226 Email: info@amaxhk.com website: http://www.amaxhk.com</p>	
<p>Sales Offices in Germany A-MAX Technology GmbH Helmholtzstra ß e 2-9, Haus 3, 3. OG, 10587 Berlin Tel: +49-30-7900 610 Fax: +49-30-7900 6110 Email: amax.germany@berlin.de Website: http://www.amaxde.com</p>	<p>Sales Offices in Netherlands A-MAX Technology B.V. Brugwachter 6, 3034KD Rotterdam, Netherlands Tel: +31-10-282 7455 Fax: +31-10-282 7456 Email: sales@amaxnl.com Website: http://www.amaxnl.com</p>

Reminder

Caution

Warning

Customer Care



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