



NM-105 /Digital Audio Player with FM Radio



Instruction Manual

The MP3 player is a new generation of digital portable device, supporting multiple music formats including MP1, MP2, MP3, WMA, WAV, etc. Its perfect sound quality, great reliability and exquisite appearance make it a masterpiece. Devoutly hope to bring you great enjoyment in this digital age.

Features:

- Multi-Codec Player
Supporting the latest updated features via firmware upgrade from the website
- Free U Disk Drive
You may manage your files directly through "Portable Disk" in "My Computer" on Windows 2000 Operating System or above without driver.
- "Private Space" Disk Mode
The flash memory can be divided into two parts by using the accessory tools and one is encrypted to hide the contents saved inaccessible by others. Keep your secret!

- Record/Replay

The player supports recording through built-in microphone and saves as WAV and ACT formats. Meanwhile it supports real digital A-B replay or comparison replay.

- 7 Preset EQ

Normal, Rock, Pop, Classic, Soft, Jazz and DBB

- Multiple Repeat Mode

Normal, Repeat One, Folder, Repeat Folder, Repeat All, Random, Intro.

- Power Off

You may set Sleep Timer or Off Time mode in your own convenience.

Declaration

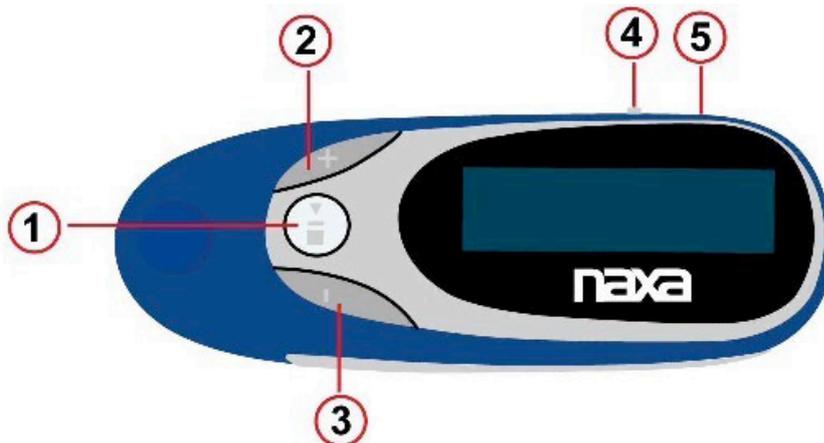
Please read this manual carefully before using your new player.

Contents in this manual may change possibly for better service.

We have the right to make changes to this manual without notice.

If the actual operations of your player is not the same as the instruction in this manual, please visit our website for latest product information. This machine packs into the battery the each opening the confidential waiting for the first time 10 seconds, need the machine from measure to complete to grow to press to open the machine key the square can show, the inconvenient place begs your pardon.

Know well with player:



①	Play	Play/Pause/Power on/off
②	Vol+	Volume increase
③	Vol-	Volume decrease
④	Mode	To select/confirm your menu selection, enter submenu/last/next
⑤	Earphone	Earphone hole

Keys Operation

Music mode  and Voice mode 

Operation	Action	Stop Status	Play Status	Playing- Submenu	Stop-Submenu
Play	long press	turn off	turn off	turn off	turn off
	press	play	stop	exit from menu	exit from menu
Mode	long press	Enter main menu	enter main menu	enter main menu	enter main menu
	press	enter Stop-submenu	Enter Playing-submenu	confirm current option or enter next submenu	confirm current option or enter next submenu
Vol+	press	volume increase	volume increase	X	X
	press on	volume increase continuously	volume increase continuously	X	X
Vol-	press	decrease volume	decrease volume	X	X
	press on	decrease volume continuously	decrease volume continuously	X	X

Record Mode 

Operation	Action	Stop Status	Record Status
Play	long press	turn off	stop recording
	press	start recording	pause recording
Mode	long press	enter main menu	X
	press	enter Record submenu	X

Play Music

Basic Operation

1. Connect the earphones	2. Push the POWER switch to ON
3. press Play button to turn on the player and enter Music mode. Press Play button again to play music.	4.To select music Switch the MODE
5.To adjust the volume VOL+ : to increase volume VOL- : to decrease volume	

EQUALIZER Mode

<p>1. Playing music status</p> 	<p>2. Press Mode button to enter Play Submenu</p> 
<p>3. Push Next switch to select Equalizer menu</p> 	<p>4. Press Mode button to enter EQUALIZER selection Menu.</p> 
<p>5. Push MODE button to switch, and press Mode button to confirm</p>	<p>Equalizer options:</p> <ul style="list-style-type: none">  (Natural)  (Rock)  (Pop)  (Classic)  (Soft)  (Jazz)  (DBB)

Lyric Display

This player supports “*.LRC” lyric files, and lyrics may be displayed synchronously while playing music.

How to use lyric files?

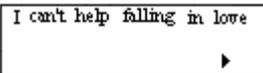
Save the lyric file with the same name as that of the corresponding music file.

e.g.: Music file name: Andy-Water.mp3

Lyric file name: Andy-Water.mp3.

How to know whether the lyrics exist?

If no lyric matches the current song, the icon  on the left top in music mode will change to .

<p>1 the current song has matching lyric file, but don't display.</p> 	<p>Long press Mode to enter the Lyric Interface.</p> 
<p>3. Press Mode to return to Music play mode.</p> 	<p>4. Browse lyrics manually. Press VOL to browse lyrics.</p>

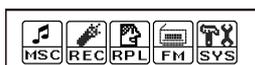
Record Voice

Make sure that the battery is not in the status of “low battery”.

The player may save 99 recording files under each directory.

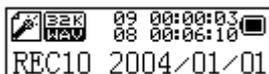
Start recording in Record Mode

Enter main menu.



Push **Next** switch to select recording mode.

Press **Mode** button to enter Record mode.



Press **Play** button to start recording.

Press **Play** button to pause recording .(the time icon flickers)

Press **Play** button to continue recording .

Long press **Play** button to stop recording .

NOTE:

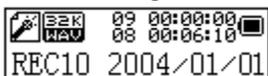
The recorded file is saved in the current folder set in “Recording Stop submenu/ /Local Folder”.

If “Overflow” is displayed on the LCD, the player’s memory is full. Please delete other files to make some space available.

If “over record” is displayed on the LCD, the current directory has already had 99 recording files. Please switch to another directory.

Select Recording Type

On the status of Stop Recording



Press **Mode** to enter Record Submenu.



Push **Next** to select REC Type option



Press **Mode** to enter this option

Push **Next** to select desired recording type



Press **Mode** to confirm the type selected

Press **Play** to start recording

Note: Voice control record means is the Player can automatically pause when no sound

Play Recorded Files

Enter main menu.



Push **Model** to select “Voice mode”



Press **Mode** to enter Voice mode interface.



Press **Play** to start playing.

Select recorded files:

Push Mode: to select the previous recorded file

Push Next Mode: to select the next recorded file

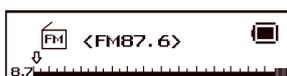
Control Volume:

VOL+: to increase volume

VOL-: to decrease volume

Using FM radio

1. Entry main menu;



2. Push **Next** scrolling “FM Mode”

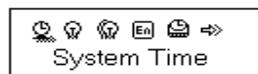
3. Push **Mode** to entry

System Setting

System parameters can be set here and every option varies according to firmware upgrading

Enter main menu ,push Next button to select System setting icon, and then press Mode button to enter System

Setting submenu interface is as follows:



Parameters Introduction

 (Record time)	Set the time and date when recorded files are saved
 (Backlight)	set the period of time (sec.) when Backlight stays on without any operation
 (Language)	set different languages displayed
 (Power off)	set a fixed time after which the player may turn power off automatically
 (Replay mode)	set working status on Replay Mode
 (Contrast)	set contrast level of LCD window
 (Back color)	Set different back color.
 (Online Mode)	an option specially designed for “Private Space” function
 (Memory info.)	show memory capacity and percentage that has been used
 (Firmware version)	show firmware version
 (Firmware upgrade)	special for firmware upgrading
 (Exit)	exit from current interface

Instruction

○ “System Time”

System Setting Interface



Press **Mode** to enter Record Time Interface



Press **VOL+** to set time in sequence of “YY-MM-DD” (Press **VOL-** to set in opposite sequence)

Icon of year flickering:

Push **Next / Last** button to adjust numbers

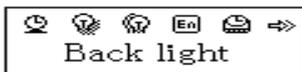
Number of Year increasing:

Press **Mode** to confirm and exit the current interface.

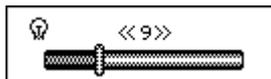


○ “Back light” setting

At System Setting interface, push Next key to select “Back light” icon



Press **Mode** button to enter “Back light” setting interface:

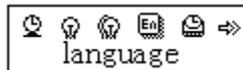


Push **Next/Last** button to adjust time

Press **Mode** to confirm to exit.

○ Language

At System setting interface, push **Next/Last** button to select “Language” icon:



Press **Mode** button to enter “Language” setting interface:



Push Next/Last button to select desired language.

The icon correspond language

	Simple Chinese
	English
	Trad Chinese
	Japanese
	Korean
	French
	Italian
	German
	Spanish
	Swedish
	Portugal
	Danmark
	Dutch

Press **Mode** to confirm to exit.

-
- Power Off

Operating steps refer to Language setting.

Off Time mode refers that after a fixed period of time (unit: second) when no operation on keys at Stop mode, the player may turn off automatically to save power. If “0” is selected, power saving function is invalid. Sleep Timer refers that you may set a fixed period of time (unit: minute) for the player to turn off automatically when no keys operation no matter which mode it is at. This function is specially designed for listening to music before sleep. **Note:** Setting of Sleep Timer is valid only once and the set time will be cleared after power off.

The time needs to be set again next time.

- Replay Mode

Operating steps refer to Equalizer Setting

Manual Replay means that at A-B Replay Mode the endpoint B can be set manually only.

Auto Replay means that at A-B Replay Mode the endpoint B can be set automatically. (Especially for English Reading files without music)

- Contrast

Operating steps refers to Backlight setting.

- Online Mode

Operating steps refers to Equalizer setting.

Some operating systems (under Windows 2K SP4) can not support two driver letters in one USB disk. Thus, if “Private Space” function is on, choose which disk you are going to use, i.e., “single ordinary disk” or “single encrypted disk”, in order for correct display of selected disk after connecting to PC.

- Memory Info.

The number displayed represents total memory capacity and the percentage refers the capacity used.

- Firmware Version

Operating steps refers to Language setting..

- Firmware Upgrade

It is specially designed for Firmware Upgrade.

Tips: After pressing **Mode** button to select options, you may press **Play** button to exit from menu directly. The operation on **Play** button for direct exit is valid to all menus.

USB Disk

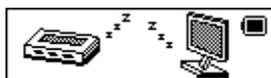
The player can use as USB disk with operating system of Windows98 (driver needed), Windows 2K and above (driver free), Mac OS 10.3 and above, Linux Redhat 8.0 and above.

The player also supports Suspend Mode.

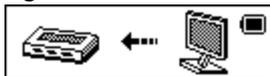
How to connect to PC? Plug the player to enter the following Mode 1.

The player may display three modes after connecting to PC:

Standby State



Downloading state



Uploading Mode



Select Folders

Select Folders (At Stop Submenu)

Users can save files in different folders (folders should be set up on PC in advance), to manage and play files according to different types. The player supports identification of 99 subdirectories.

At Stop interface. (Current example is at Music Mode, and folders can be selected at both Record and Voice Mode as well.)

Press **Mode** to enter Stop Submenu.



Press **Mode** again to enter Select Folder interface.



Press **Next** or **Last** to select folders.



Press **Mode** to confirm the folders selected



Note: Independent folders can be set at corresponding modes as Music Mode, Record Mode and Voice Mode, i.e., three modes is not bound to correspond with the same folder.

Delete File (At Stop Submenu)

Files can be deleted at corresponding modes as Music Mode, Voice Mode.

At Stop Interface.



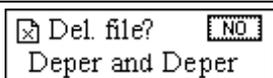
Press **Mode** to enter Stop Submenu.



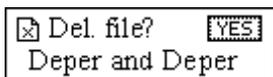
Press **Next/Last** to select “Delete” or “Delete All”.



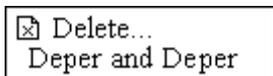
Press **Mode** to enter Delete Interface.



Push *Next* to switch between “NO” and “YES”.



Press *Mode* to confirm and deletion starts.



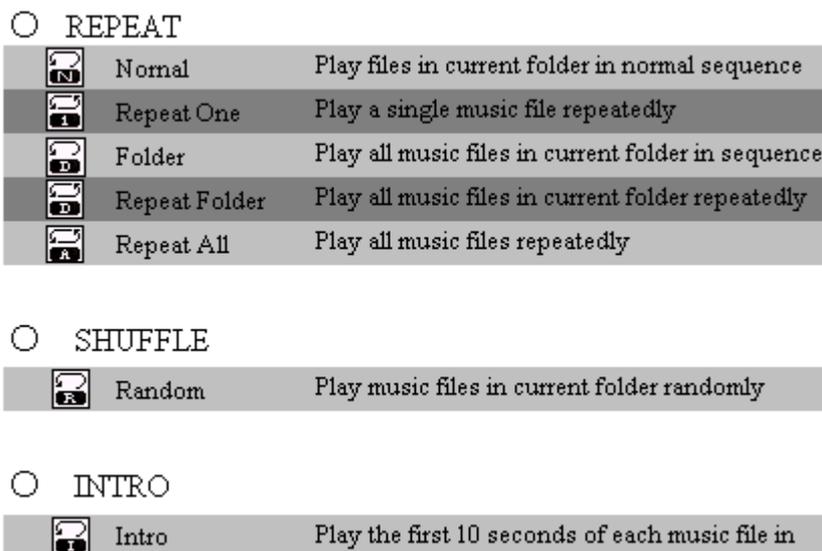
“Delete All” means to delete all the relevant files at current mode in current folder. (For example, at Music Mode executing “Delete All”, all the music files in current files may be deleted, while recorded files without change.)

When deleting files on PC, please take care to eject the player safely before pulling out USB cable, otherwise files may not be deleted.

Play Mode (Play Submenu)

When playing music and recorded files, different play modes can be selected. (such as Repeat, shuffle, etc.)

The first option in Play Submenu is Play Mode. The player will play files according to the mode selected.



Tempo Rate (Play Submenu)

When playing music(Only for MP3 formats) or recorded files, different tempo rate can be set (faster or slower) without changing the tone and sound.

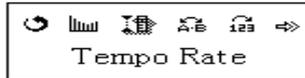
When playing music files



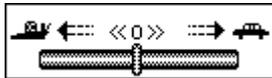
Press *Mode* to enter Play Submenu



Push *Next* to select Tempo Rate



Press **Mode** to enter Tempo Rate



Push **Next** to quicken tempo rate and push **Last** to slow down tempo rate.

Press Mode button to confirm desired tempo rate to exit the current interface.

Note: Tempo Rate set is suitable to each music files till it is changed.

Replay Mode

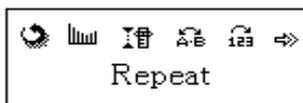
Enter Play Submenu to enter.

○ A-B Replay

At Music Mode or Voice Mode



Press **Mode** to enter Play Submenu.



Push **Next** to select "Replay".



Press **Mode** to enter Replay.



"A" flickers in Replay Mode icon  and start point is to be set.

Push **Next** to set "A".



After "A" set, "B" flickers in icon , and endpoint B needs to be set.

Push **Next** to set "B".



Replay icon  is fixed and A-B segment replay begins. When replay times count up to times set in advance, the player will quit from Replay Mode. At Replay Mode, pushing **Last** can set "A" again to select another segment. (Setting of replay times refers to "Replay Times" in the next section.

At Replay Mode, Press **VOL+/VOL-** may set Tempo Rate directly.

○ Follow Read (This function does not exist at Voice Mode)

Replaying A-B segment, Push **Next** to enter Follow Read Mode.

Replay icon  changes to Follow Read icon , and record sound of users is recorded. The recording time is as long as A-B segment.

After recording time, the icon changes to , and original sound is played. Push **Next** button to enter Comparison. At this mode, pushing **Last** button may return to A-B Replay Mode.

Comparison (This function does not exist at Voice Mode)

Enter this mode, Replay icon changes to  and the recorded sound of users is played.

After playing the recorded sound, the icon changes to , and original sound is played

After playing the original sound, the recorded sound is played again. The whole procedure will not stop (without limitation by Replay Times) until press **Mode** to exit.

At this mode pushing **Last** may return to Follow Read Mode.

At the three modes above, pressing **Mode** may exit from Replay Mode directly.

Replay Times (Play Submenu)

Operating steps refer to Backlight setting.

Replay times mean that after A-B segment has been replayed up to fixed times, it will exit from Replay Mode.

Replay Gap (Play Submenu)

Operating steps refer to Backlight setting.

Replay gap means the break period between different playing times (unit: second).

Trouble Shooting

No Power	Check whether the battery have been inserted properly. Check whether the player is turned ON.
No sound is heard from headphone.	Check whether Volume is set “0” and connect the headphone plugs firmly. Check whether the headphone plug is dirty. Corrupted MP3 may make a static noise and the sound may cut off. Make sure that the music files are not corrupted.
Characters in LCM are corrupted	Check whether the right language has been selected.
Download of music files fails.	Check whether connected properly. Check whether driver is installed correctly. Check whether the player’s memory is full.

Specification

LCM Window	128×32 LCM, EL backlight
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Flash memory	128M—4GB	
Battery	1×AAA Battery	
Record	Sample rate	8KHz
	Recording format	WAV (32K bps)、ACT (8K bps)
	Recording time	35h (ACT, 128M Flash)
MP3、WMA、WMV	Max output of headphone	(L) 10mW+ (R) 10mW (32Ohm)
	MP3 bit rate	8K bps – 320K bps
	WMA、WMV bit rate	5K bps – 384K bps
	Frequency response	20Hz to 20KHz
	SNR	85dB
	Distortion	
Music format	MP1、MP2、MP3、WMA、WAV	
Working temperature	23 to 104 F	
multi- language show	Simplified Chinese, English, Traditional Chinese , Japanese , Korean , French , Italian, German , Spanish , Swedish , Portugal , Danish ,Dutch, Polish, Russian, Czech, Thai, Turkish, Greek.	
Operating System	Windows98/SE/ME/2K/XP、Mac OS 10、Linux 2.4.2, Windows 7	

Note: Product design and spec may change without notice.