

MP3 Player & Flash Disk

User's Manual



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Preface

Always read and follow precautions and usage directions before using the products.

Precautions

1. When not using it for a long time, make sure to remove the battery from the product, to prevent any damage caused by the seepage and erosion of the battery.
2. Do not use this product in the extremely hot, cold, dusty or watery circumstances.
3. Please make sure the HOLD key is on unlock position before use.
4. Prevent the product from colliding with any hard objects. Otherwise, it may cause surface abrade or battery peeling off.
5. Please replace the battery in the below mentioned circumstances:
 - a) The icon of battery is empty and keeps flashing.
 - B) The system powers off automatically and



powers off again after restarting.

C) Operating keys do not respond and keep the same way even the battery has been removed and reloaded.

6. Do not use this product under the particularly dry circumstances to prevent the static electricity .

7. Do not disconnect the product suddenly when it is being formatted or during uploading and downloading . Otherwise , there may be errors occur in the programs.

8. When using this product as USB Flash Disk, please save or export the files in the correct way. Any files missing caused by the error operation is not responsible by the manufacturer.



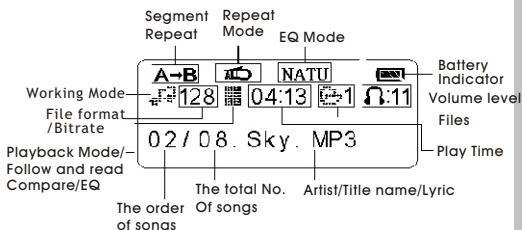
Product features

1、Brief introduction

This player includes five working modes: Music Mode, Record Mode, Voice Mode, FM Mode, System Function(Sys function), USB Mode (USB). The first five kinds of modes can be switched over in the root menu, USB Mode needs player to be connected with PC at first.

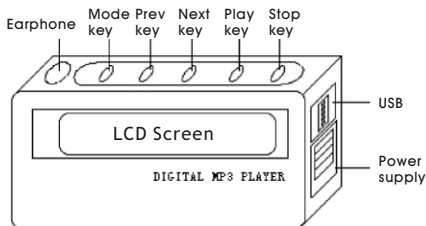
2、Interface Brief

2.1 Graphic LCD





2.2 Keys



2.2.1 Key function definition

- 1. Play/Pause: Power on, power off, play, pause, Abbreviated as “PLAY” button below.
- **2. Mode: Switch working mode or menu.**
- 3. Next: To select next song & voice, to fast forward/Volume + .
- 4. Prev: To select previous song & voice, to fast reverse/Volume - .
- 5. Stop: stop playing/recording, and enter volume adjustment mode.

2.3 Switch



- 6. Power supply: switch on/off the battery power supply.

2.4 Port

- 7. USB: Standard USB A type port.
- 8. Earphone: Standard earphone port.

3、 Usage Directions

3.1 Power On

Power On includes 2 methods: automatically power on and manually power on. It will show power-on image after the player turns on, and player will enter Music Mode or USB Mode in a second .

3.1.1 Power-on image DIY

User can make an image themselves and replace the default picture in the player.

Image specification: 96*24 dot, 2-Color, Bitmap format.

file name: kj_pic.bmp.

If file format is invalid, player will indicate pic



error!

3.1.2 Automatic power-on

Automatic power on includes 3 kinds of states:

- “Power Supply” ON : switch the power supply key to “ON” , player will automatically turn on, and enter Music Mode.
- “Power Supply” OFF: Connect player to PC'S USB port , player will automatically turn on and enter USB Mode.
- “Power Supply” ON, but in power off status: Connect player to PC's USB port , player will automatically turn on and enter USB Mode.

3.1.3 Manual power on

The precondition is that the player is in shut-down state. (yet the “Power Supply” key is ON) .Press the PLAY key to turn on the product and enter Music Mode.

3.2 Menu

At Music Mode stop state, click Mode key, it will enter the root menu as followed:





Click Next key or last key, you can switch over other options .Then click mode key to enter sub-menu or to confirm by selecting it.

Root menu and sub-menu details listed as followed:

1. Music	
2. Record	
3. Voice	
4. FM Radio	
5. Sys Set	1. Directory
	2. Lyric
	3. Memory Info
	4. Rec Filter
	5. Back Light
	6. Auto Off
	7. Font Set
	8. Delete File
	9. Contrast
	10. Animation



	11. Logo
	12. F/W version
	13. Exit
6. Exit	

3.3 Music Mode

It includes: play, pause, stop, lyric display, volume adjustment, delete file, fast forward, fast reverse, A-B segment repeat/ follow and read/compare, select repeat mode, select EQ mode etc. (No Follow and read/compare for WMA)

3.3.1 Lyric display

Player supports LRC V0.2 format files. when sub-menu Lyric function is on (reference at System function sub-menu 2), the player can display the lyrics on the LCD screen if there is lyric file in the same directory (LRC file name must be the same as music file name). If there is no lyric file , it will display ID3 tag information , or else , it will display music file name.



Note: The Lyric file can not exceed 1000 bytes.

3.3.2 Sub-menu for the play function

During music display, click mode key, to enter play function sub-menu. Sub-menu details listed as followed:

1. Repeat
2. EQ Select
3. A-B Replay
4. Exit

3.3.2.1 Repeat mode

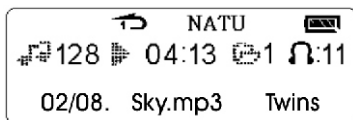
Click mode key to enter repeat mode sub-menu. Details are as followed:

1. Normal
2. Repeat One
3. Repeat All
4. Introduce

Via Next/Prev.keys, it can switch over Normal, Repeat One, Repeat All and Introduce.the



corresponding icon will display to indicate current state on LCD . For example :
the image follows indicates current state is Repeat One:



3.3.2.2 EQ mode

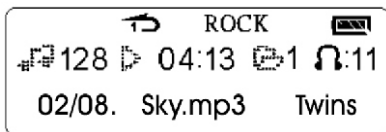
Enter EQ mode and the sub-menu details listed as below:

1. Natural
2. Rock
3. POP
4. Classic
5. Soft
6. Jazz
7. DBB
8. USER

Click Next key to select an EQ effect , Music



will change to the EQ effect you' ve chosen. (User sub-menu will only be in operation after user setup CFG configure file), and click mode key to exit to upper menu . When user selects other EQ effects except for Natural , the triangle which indicates music play state will be empty. Please see image as below:

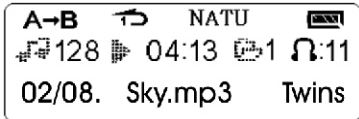


3.3.2.3 A-B replay

It includes : A-B segment repeat , Read After Me, compare with source. Click Next key and enter each mode one by one , click Prev. key will reverse to the previous mode.

3.3.2.3.1 A-B segment repeat mode

Enter A-B replay mode , and A-begins to flicker as below:



Click Next key to select the initial point, A - icon will be fixed, B icon begins to flicker. Then click Next key again to select endpoint of segment, A-B icon will be fixed. The icon of "A-B" stops flickering and the player will play this segment again and again.

3.3.2.3.2 Read After Me function

A-B segment begins to replay, if user wants to have a Read After Me practice, click Next key, it will enter Read After Me mode, (the triangular icon will be turned into microphone icon). Then player begins to record follower's voice. Record time length is the same as A-B segment's. After recording, player will play source music, the image is as followed:



A→B		NATU	
128	04:13	1	11
02/08. Sky.mp3		Twins	

After recording, player will play source music at A-B segment, shown as followed:

A→B		NATU	
128	04:13	1	11
02/08. Sky.mp3		Twins	

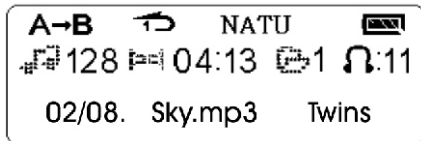
If user thinks the voice is not good enough, you can return to record mode, then sing and record again after source music display is finished. When the recording is finished, user considers voice is good enough to compare with the source music, you can click Next key when "A-B" source music is playing, it will enter Compare mode.

3.3.2.3.3 Compare mode

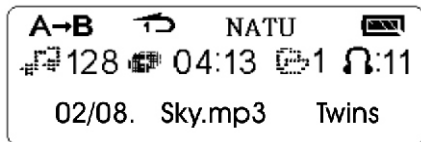
Player will play voice at first, shown as follow-



ed:



Then it will play source music, shown as followed:



It will play again and again, until user click Next key to enter a new process; or click Mode key to exit A-B replay mode and into Music mode.

3.3.3 Exception case

- player will jump over and play next music file when coming across an invalid music file.

3.4 Record mode



Select Record mode in root menu , and enter Record mode sub-menu. Details are listed as followed:

1. Fine REC
2. Long REC
3. Long VOX
4. Exit

Click Mode key to select a record mode , player enters record interface and begins to record voice. Record includes three kinds of states : recording, pause, stop.

In Long VOX mode , if there is no effective sound , player will enter pause state of the recording , show waiting icon " ". When there is an effective sound, record will continue.

Note: Generally speaking, the recorded files would be saved in the root folder. But if there is recorded file exists under a folder , you can select that folder to save recorded files. when recording time exceeds 60 minutes , ti-



me display shows as hh: mm.

In the state of recording, if the low power situation appears, player will stop recording, and save the recorded file. Indication of low power on LCD needs user's attention to change the battery at this moment.

3.4.1 Exception case

- Each folder only supports 99 recorded files. When folder is full, the player system will indicate "Out of amount!".

- When player memory is full, player will indicate "Out of space".

3.5 Voice Mode

Voice Mode includes playing, pause, stop, volume adjustment, fast forward, fast reverse. And under display situation, user can setup repeat mode, A-B replay, etc.

3.5.1 Fast forward/ fast reverse

Press Next key or Last key, player will be fast forward or fast reverse.



3.5.2 Sub-menu for play mode

During Voice display, click Mode key and , it will enter playmode sub-menu Details are listed as followed:

1. Repeat
2. A-B Replay
3. Exit

3.5.2.1 Repeat mode

Press Mode key and enter the Sub - menu for repeat mode asfollowed

1. Normal
2. Repeat One
3. Repeat All
4. Introduce

3.5.2.2 A-B Replay

In VoiceMode, there is only A-B SEGMENT REPEAT, no Read After Me or compare function.

3.6 FM Radio

Press Mode key during music and enter the FM menu asbelow:



1. Search Mode
2. Save Channel
3. Search Level
4. Exit

If you press the Mode key in the state of music OFF, the player would enter the system menu shown in 3.2.

3.6.1 Search Mode

1. Freq Mode
2. Search Station

3.6.2 Save Channel

The player can save 20 channels.

3.6.3 Search Level

The search level ranges from 1 to 5. Higher level would require stronger signal during auto search for channels.

3.6.4 Exit

- A short click on the PLAY key: can switch over the Normal/ Muse mode.
- Short click on Next/Prev key: search the c-



channels manually

- Press on the Next/Prev key: Search the(next / previous) channels automatically

3.7 System Setting(Sys set)

The system function or operation setup are all finished in this menu.

3.7.1 Directory

After you select Directory and enter this function, it will display a sub - menu as followed:

1. Music Dir
2. Record Dir

★ After selecting Music dir, player will list the first nine folder's names which contain music files .(List no more than 8 letters). And then the Music Mode would show the directories chosen (root directory is 0). If there is no music file, LCD will indicate “No directory” .

3.7.2 Lyric

User can choose to show lyrics or not as below:



1. Lyric On
2. Lyric Off

3.7.3 Memory Info

After selecting the Memory Info, the player will show capacity of memory and percentage that has been taken up.

3.7.4 Rec Filter

Rec Filter is setup for Long VOX recording. Which includes 7 level : Level 0 to Level 6. And the default level is Level 2. Level 0 means filter function off, Level 6 is the high level filter (used in case of heavy background noise). Click Next or Last key to switch over each level, click Mode key to confirm it.

3.7.5 Back Light

No matter which key you click, the backlight will turn on. User can adjust the time that backlight stays on. If there is no further action taken until stay - on time exceeds, back light will turn off automatically.



The backlight stays on from 0 to 30 seconds. If a value of 0 is selected, then the backlight will be disabled. When enter Back Light mode, click Next key or Last key to adjust time, and click mode key to confirm it.

3.7.6 Auto Off

If there is no further action taken within set time at stop mode, player will automatically turns off. The time could be setup from 0 to 60 seconds. If 0 is selected, the player will not automatically turns off.

3.7.7 Font Set

Enter Font Set, user can select different languages. Details are as followed:

1. Chinese GB
2. Chinese Big5
3. English
4. Français
5. L'italiano
6. Czeck (Cze)



7. Deutsch
8. Espanol
9. Swed(Swe)
10.Exit

3.7.8 Delete File

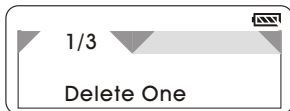
If you enter Delete File menu, player will show a sub-menu. Details are as followed:

1. Del Music
2. Del Record
3. Exit

Select Del Music, enter sub-menu, details are as followed:

1. Delete One
2. Delete All
3. Exit

Select Delete One as followed:

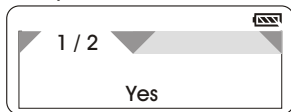




Click Mode key, enter delete operation interface:



In this state, click Next key or Last key to choose the file you want to delete, then Click Play key, the file would be deleted. At above state, click Mode key to cancel delete and exit to Standby mode.



Select Delete All to enter sub - menu , details as follows:

1. Yes
2. No

Note: Delete operation can only delete the file of same type which exists in current folder, And "FILE OF SAME TYPE" means that if you cho-



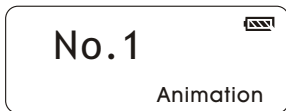
ose to delete music, then this operation would erase the music files exist.

3.7.9 Contrast

User can adjust contrast in the menu. Contrast can be adjusted by using Next key or Last key. The level ranges from 00 (Lightest) to 31 (Darkest). Click Mode key to exit to upper menu.

3.7.10 Animation

Enter “Animation”, the system shows as followed. There are 3 options for the Animation Image. Switch over them via the button of Forward/Reverse. Then choose the one you like best by pressing the “Mode” button.



3.7.11 Logo

It's shown as below when you enter the “Logo” mode. You can choose one from eight Turn-On-Pictures.



No.1



Logo

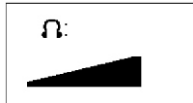
3.7.12 F/W Version

Select to enter F/W Version. User can examine firmware's version to confirm if it is the newest.

Note: Any Changes for the above settings, like Language, Contrast, Password etc, can only be saved by turning off the product in a correct way. Power off/reboot the product during operation would cause the new setting loss.

3.8 Volume adjustment

Under Music Mode, Voice Mode, or FM Mode, press the Stop key for at least 3 seconds to enter the Volume Adjustment as below.



Then user can adjust the volume via the Volume



me+ and volume - .If there is no action taken within 5seconds , the product would exit the Volume Adjustment automatically.

3.9 USB Flash Disk

Connect player to PC's USB port and enter USB Flash Disk mode. (**Note: Don't connect the player to PC during displaying music files.**) Shown as followed



When there is data transfer between the PC and Play, LCD will show Busy. Don't do any operation at this time:



The product will resume to Music display states after the disconnection with PC. Or right click the mouse in PC to eject player (Note: So-



me PC System will show "The disk can be safely moved " after this action you can also shift it to Music Mode by clicking Mode key when there is no data transfer between the product and PC.

If the player is in music play mode, when it connects with PC, user can stop the player, then restart it, to enter the USB Flash Disk mode again.

- * Support WIN 98/WIN ME/WIN 2K/WIN XP OS format USB Flash Disk (in WIN 2K/WIN XP OS, only support FAT/TAT16).

- Support WIN 98 USB HDD BOOT. (Use formatting tools that manufacture provided, user can format player as WIN 98 boot disk).

3.10 Low Power Indication

(In the state of detaching to a PC) When the power supply for the cell is lower than 3.0V, the product would show "Low Power!" on the LCD screen, then turns off automatically in 2



seconds.

3.11 CFG configure file

Mudisk. cfg is a system configure file, which is similar with the Config .sys under DOS system. Build a text file named mudisk. cfg and copy it to the player's root folder. Then restart the player.

File format demo:

RecFilename:

RecFileBuildDate:2002,04,22

RecFileBuildTime:12,00,00

MusicRepeatMode:2

RplRepeatMode:2

MusicEQMode:0

EQSet:7,7,6,6,5,5,6,6,7,8

LightTimeSet:05

parameter function description:

- RecFilename:Set record file name. Support 6 characters at most. The letter exceeds 6 characters is neglected. Player default character is MOD, the file name will be as M-



ODXX.ACT.

- **RecFileBuildDate**:Set record file's build date. Year, Month, Date.
- **RecFileBuildTime**:Set record file's build time. Hour, Minute, Second.
- **MusicRepeatMode**:Set repeat mode of music playing state. Virtual value is 0(Normal), 1(Repeat One), 2(Repeat All), 3(Introduce). Default is Normal.
- **RplRepeatMode**:Set repeat mode of voice playing state. Virtual value is 0(Normal) , 1(Repeat One), 2(Repeat All), 3(Introduce). Default is Normal.
- **MusicEQMode**:Set EQ mode of music playing state. Virtual value is 0(NATURAL), 1(ROCK), 2(POP), 3(CLASSIC), 4(SOFT), 5(JAZZ), 6(DeBB), 7(USER).
- **EQSet** : Set 10 band frequency of EQ , it will be effective when EQ Mode is setup as User.
Note:If the value of 10 band frequency is the same, EQUser will not be effective.



Specifications

Memory	64MB/128MB/256MB
Battery	1 AAA size Alkaline battery
LCD	128 * 32 dot with blue EL back light
Dimension	57mm * 38mm * 12mm
S/N radio	90dB
Headphone Output	9mW 2@32Ohm
Frequency range	20Hz-20KHz
Sample Frequency of the Recording	8KHz
File type	MP3/WMA
Voice Recording/Length	AG8/36hrs(128MB)
WMA Bit Rate	32 Kbps-384 Kbps
MP3 Bit Rate	8 Kbps-448Kbps



Important Note: The Improper operations would cause software loss (for booting up the product)

- Make sure not to operate the product as a MP3 player during files transfer under the USB Mode.
- To exit the USB Mode, please remove the USB disk safely from the PC.
- Should there is any software loss incur, please contact with your dealers or manufacturer directly for help.