

Karaoke

HDMI
1080

MANUAL OF USER

HARD DRIVE DIGITAL JUKEBOX

Professional KTV System



KTV/DVD/VOD Single-screen HDD Karaoke Machine

Thank you for purchasing the KARAOKE production, For optimum operation and security. Please read the user's manual completely, Keep it for future reference.

TABLE OF CONCENTS

A. PRODUCT FUNCTION	01
B. ACCESSORIES LIST	02
C. THE DIFFERENCE BETWEEN KHP-8806/8807/8812	02
D. INPUT & OUTPUT PORT FUNCTION	02-03
E. THE INSTALLATION OF SYSTEM	04
F. THE OPERATION OF MACHINE	05
1. The Remote Control Function	05
2. The Operation Of Karaoke	06
3. DVD/VCD/CD-G disc playback Function	08
4. USB/SD Multi-media VOD Playback Function	08
5. HDD Multi-media VOD Playback Function	08
G. KARAOKE SYSTEM TECHNOLOGY PARAMETER	09
1. The Basic Principles Of HDD Karaoke Machine	09
2. The Description Of File System	09
3. The Format Of Song File	10
4. The Rule Of Electron Songlist.txt	10
5. Customize The OSD Menu By User	11
H. SETUP MACHINE	15
1. Switch Between Multilingual OSD Menu	15
2. PAL/NTSC Set up	15
3. Setup The Start Enter Mode	15
4. Set DVD-device ON & OFF	16
5. Karaoke Score Mode and 5.1CH set	16
6. INSERT-COIN Set	17
7. Password Set	17
8. Reset defaults of factory	18
I. HOW SET VIDEO/AUDIO OUTPUT CORRECTLY	18
J. HOW TO ADD SONGS	19
1. Add Songs From Computer	19
2. Add Songs From DVD/VCD Disc	19
3. Add Songs From U Disk/USB Mobile Hard Disk/SD Card	19
K. ADDITIONAL DESCRIPTION	20
1. Random Auto-play Function	20
2. The Way To Connect external IR(Infra-red)	20
3. How To Print Songbook	20
4. How to make your logo picture as wallpaper:	20
5. Display "Speech of Welcome"	20
6. Encrytion Function	21
7. About CD+G playback	21
L. TECHNOLOGY LIMITED	21

PRODUCT FEATURE

A. PRODUCT FUNCTION

Main Function

a). Karaoke Function

- Select songs by OSD menu, max.30000 songs records in the songlist. Select songs by number,theoretically,supports songs count max. 100,000.
- Can be built-in SATA interface of hard drive, supports the maximum 2TB capacity with FAT32 format.
- HDMI port : 480p,720p,1080i video resolution ratio.
CVBS Video port &VGA port: 720*480,720*576 resolution ratio.
MTV video files :max 720*480,720*576 resolution ratio
- Menu support UNICODE fonts, can display the Multinational language ,include English,Chinese, Tri Chinese,Spanish,Japanese,Korean,Thai,Vietnamese, Russian,Khmer,Myanmar, etc.
- Support for playback song format such as VCD(MPEG1/DAT)/DVD(MPEG2/VOB), JPG/MPEG4(DIVX), CD-G/MP3+G etc.
- Support for switch the Multi-audio-track of VOB file.Keep Vocal/Muisc status.
- Easy to operate, Karaoke with songs Reserved ,Insert,Replay and other function Interface clearly.
- A variety of ways to select songs:selected by number/by artist/by words/by language,ect.Operation directly and rapidly.
- Super songs management tool: use SonglistManager software tool provide by original factory , can easily to create and manage the E-songlist,Do not be required professional.
- Three kinds of way to add songs:1)can connect the computer with USB2.0, add songs into the hard drive of machine by computer,and then manage the songlist. 2)Also can produce songs in the computer first, then copy the ok song files into U Disk or Mobile Hard Disk, then insert the U Disk or Mobile Hard Disk into the port of machine, operate the remote control to add the songs into the machine automatically. 3)Also can add song from DVD /VCD disc directly.
(Note:Model KHP-8806/8807, there are no add songs function with DVD-ROM)
- User can customize the song OSD menu option, easily to program the menu interface used for own operating habits.
- Can display score with cheering and applause after each song finished.
To enhance entertainment effects.
(Note:Model KHP-8806 only has random-score,can't display real-score,or can external.)
- The function of INSERT COIN with active mode or passive mode ,can meet the customers for commercial purposed.
- The function of playback by random.
- Has internal microphone Echo, user can plug the Mic directly to singing
(Note:Model KHP-8806 do not have this function.)
- There is IR interface, can external remote control receive sensor, it is use for connect with remote control keyboard.

b). VOD Multimedia Playback Function :

- Can use the remote control to browse the movies ,music, picture are stored in hard drive,U disk, mobile HD ,SD card.
- Support for multimedia format, as VCD(MPEG1/DAT)/DVD (MPEG2/VOB), MPEG4(DIVX-AVI),MP3,WMA,JPEG etc.
- Cycle autoplay function, can for public playing machine, or background music player.

ACCESSORIES LIST

c). DVD Playback Function (only Model KHP-8812 has this function)

- 4 Decoding: can compatible a lots of disc format as DVD/SVCD/DVCD/VCD/CD-G/MP3+G/MP3/CD/HDCD/Electronic-album and Mr.OKO etc.
- Video output:
 - (1) The way of CVBS interlaced scan.
 - (2) The way of YCbCr interlaced or progressive scan.
 - (3) The way of S-video interlaced scan.
 - (4) The way of VGA progressive scan.
 - (5) The way of HDMI output.
- Audio output: L/R, Dolby AC-3 5.1 channel. But if DTS audio will through optical/coaxial-port.

Additional Function:

- * Supports for Insert-coin function.
- * Internal microphone reverberation. (Model KHP-8806 don't has this function)
- * Internal SD card socket. (only Model KHP-8812 has this function)
- * Extension remote control receive sensor, can connect with Remote control keyboard.

B. ACCESSORIES LIST

1. USB2.0 connection cable 1pcs
2. AV cable 1pcs
3. HDMI cable (option)
4. Remote Control 1pcs
5. User's Manual 1pcs
6. The screws use for hard drive 4pcs
7. CD disc (with system files & software tools & demo songs) 1pcs

C. THE DIFFERENCE BETWEEN KHP-8806/8807/8812 :

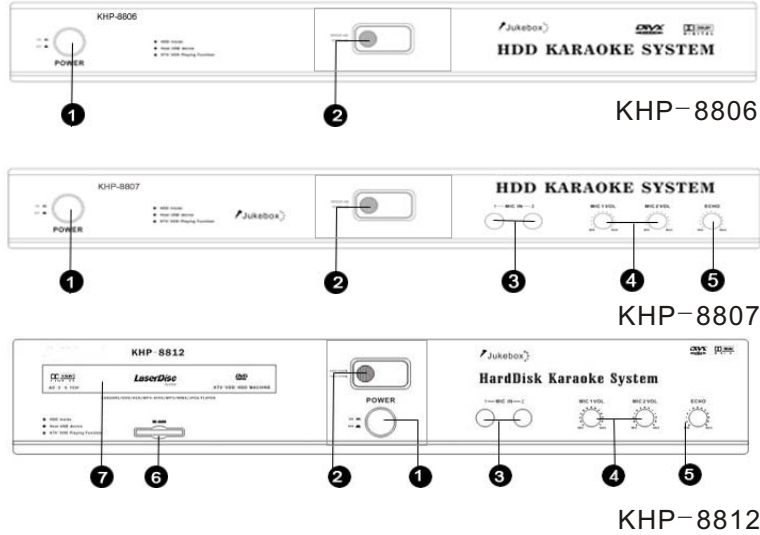
Function		Type I	Type II	Type III
Karaoke System	KTV karaoke	●	●	●
	VOD Multimedia	●	●	●
	DVD Playback			●
Port Configuration	SATA socket	●	●	●
	HDMI port	●	●	●
	Host USB port	●	●	●
	USB 2.0	●	●	●
	SD Card			●
	Microphone Echo		●	●
	Insert-COIN port	●	●	●
	External IR Port	●	●	●
	COIN Control port	●	●	●
	VGA outport	●	●	●

- Supported Functions

OUTPORT FEATURE

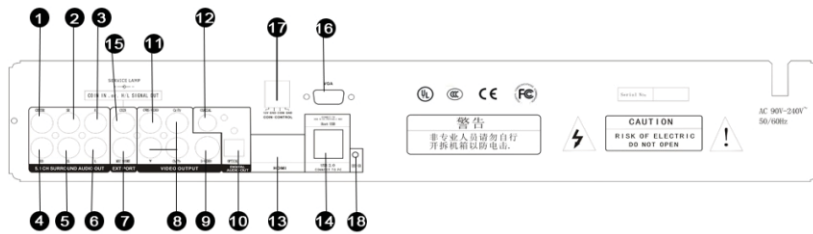
D.INPUT & OUTPUT PORT FUNCTION.

Front:



- | | |
|--------------------------|--------------------|
| 1.Power On /Off | 5.Mic.Echo Control |
| 2.IR ,LED Display Window | 6.SD Socket |
| 3.Mic In | 7.DVD-ROM |
| 4.Mic.Vol Control | |

Rear Panel:



- | | |
|--|---|
| 1.Center Channel | 10.Optical Output |
| 2.Surround Right Channel | 11.CVBS Video Output |
| 3.Right Channel | 12.Coaxial Output to TV |
| 4.Subwoofer | 13.HDMI Output |
| 5.Surround Left Channel | 14.USB2.0 Socket, Host USB Socket |
| 6.Left Channel | 15.Insert-Coin Signal Port |
| 7.Score Signal Input,can connect with
MIC amplifier | 16.VGA Output |
| 8.Component Output
(Y,Cb/Pb,Cr/Pr) | 17. COIN Control I/O port |
| 9.S-Video | 18.External IR sensor
receive signal port. |

SYSTEM INSTALL

E. THE INSTALLATION OF SYSTEM

- If want the machine work normally,so must put hard drive in the machine, and install the system files in the hard drive.
 - If you bought the machine have contain hard drive and songs library, it means the system has been installed in the hard drive, then don't need to read this page can use all the functions of machine directly.
 - If you bought the machine that doesn't contains any hard drive,please use the CD disc in the package that follow with machine,according the following steps to install system :
- 1) Connect the hard drive that want to install with computer,running the /Software_tools/format_tool/EPMSSetup.exe file in CD that follow with machine. To partition the hard drive(just only one) ,and formatted as FAT32 format, supports the maximum capacity of 2TB.
(Note: The machine can't recognize NTFS format.)
 - 2) The CD disc has contains system files and DEMO songs ,please copy all the folders and files into that hard drive completely.
 - 3) Screw off and open the cover of the machine, you will see a yellow table marked "HARD DISK LOCATION",please use the private screw that follow with machine in the package , and fix the hard drive to the specified location, then plugged the connected line.
 - 4) All are right,will connect the Video/audio or HDMI port of machine with TV, turn on TV and karaoke machine,the TV will appear the boot screen,display "INITIALIZE..." "READING DATABASE". at last display 00000, then press **MENU** button on remote control,will appear the song menu, (like the picture showing below) it means the machine work in KTV status,so the system has been successfully established, you can select some DEMO songs as a test.



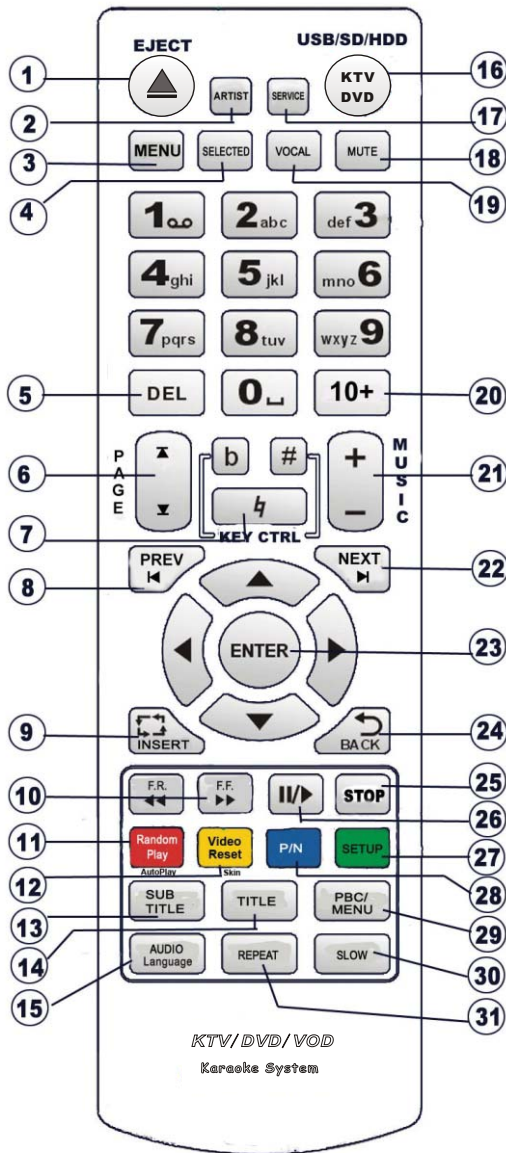
- 5) After the system operation normally, you will wish to add your own songs to the machine ,can according this manual **how to add the song** to operate , after you will can enjoy the fun of K song.

(Maintenance the hard drive machine ,usually need to be completed using a computer, to manage the song files. So the basic knowledge of computer operation is necessary.)

REMOTE CONTROLLER

F.THE OPERATION OF MACHINE

1.The function of Remote Control:



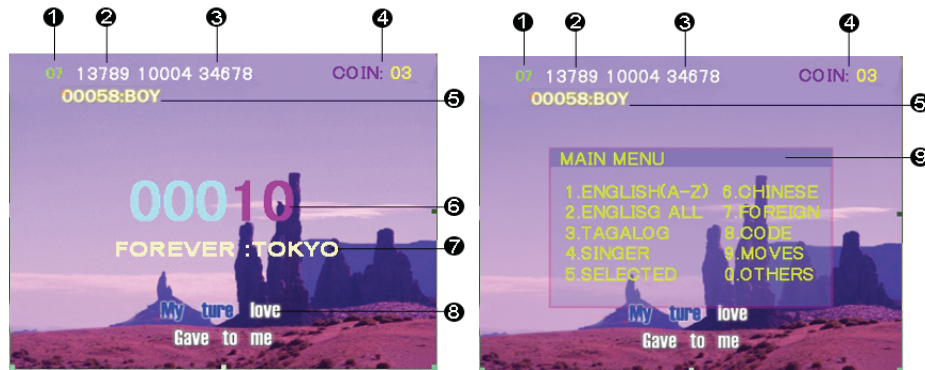
- 1.EJECT the door of DVD device.
- 2.ARTIST list
3. Menu for select songs
- 4.Selected Songs list
- 5.Delete/Cancel
- 6.Page Up/down
- 7.Tone Control
- 8.Page Up/Previous Song
- 9.Insert
- 10.Fast Reverse/
Fast Forward
- 11.Random Play
- 12.Reset HDMI to AV,
When HDMI on 1080i/720p,
the CVBS Video will no display,
Can press this key to reset
- 13.DVD disc Subtitle
- 14.Title of DVD disc
- 15.Audio/Language
- 16.Switch between KTV/
DVD/USB/SD/HDD.
- 17.Call service
- 18.MUTE
- 19.Vocal/ Muisic
- 20.Enter number when over
9 in DVD/VOD status
- 21.Music Vol Control +/-
- 22.Page Down/Next Song
- 23.Enter:Use to enter songs
or operation that in setup
menu.
- 24.Back
- 25.Stop/ Cut Song
- 26.Play/Pause
- 27.Setup
- 28.PAL/NTSC
- 29.PBC/MENU:press this
button to open the PBC/
MENU of VCD disc.
- 30.Slow
- 31.Repeat

KARAOKE OPERATION

2. The Operation Of Karaoke :

a. KTV Operation Interface

After booting, the machine works normally that will display the following interface, it means the machine in KTV status, you can to select songs.



- (1) The number of selected songs.
- (2) The number of the next song that going to playback.
- (3) The list bar of selected songs number.
- (4) Coin count.
- (5) The name of the next song that going to playback.
- (6) Input the songs number
- (7) Display the name of the song current playing.
- (8) The lyrics of song
- (9) The interface of select song with menu

b. The way of select songs by number:

According to the SONGBOOK, you can input the song number by remote control to playback. In KTV status, press 0-9 number buttons to input the song number, then press ENTER, or press INSERT button, insert the song to the first row in selected songs list, press DEL button to cancel the input.

c. The way of select song by menu(OSD):

If haven't SONGBOOK, you can press the <MENU> button on remote control, that will appear the song menu, can select songs by language, name, spelling or artist ect.

Main Menu:

1. LANGUAGE	6. FOREIGN
2. SPELLING	7. POPULAR
3. ARTIST	8. USER SONGS
4. NUMBER	9. MOVIES
5. SELECTED	0. OTHERS

"Foreign Song" in submenu :

1. VIETNAMESE	4. MALAY
2. RUSSIAN	5. KHMER
3. INDONESIA	6. MYANMAR

"Language" in submenu :

1. ENGLISH	4. JAPANESE
2. CHINESE	5. KOREAN
3. SPANISH	6. THAI

"Artist" in submenu :

1. MALE ARTIST	4. ALL ARTIST
2. FEMALE ARTIST	5. ARTIST SPELLING
3. BAND/GROUP	

HDD KARAOKE OPERATION

"Others" in submenu :

1.CONCERT	4.MP3
2.MTV	5.OPERA
3.DISCO	6.CHILD SONG

- When into the select song interface,press the number buttons (0-9),the song will display by the words that you entered numbers. For example : press 3,the song will display by three words,if press 0,will display all songs.
- In the select songs interface,use the ◀ / ▶ key to move the cursor bar,then press <ENTER> to select song, or press <INSERT> button , will insert the song to the first row in the selected songs list.
- When a song is playing, there is a selected-song number bar on top line of screen, move the ◀ / ▶ key on remote control,press key can delete song number or press <INSERT> key can do insert-song operation.Press<REPEAT>key can repeat the song in end of the song number pointed.
- Double-Press <STOP> Key quickly when there are some songs in selected-songs bar, the KTV status will keep HOLD. You can do other things, (Example press <KTV/DVD-USB/SD/HDD> key switch to HDD or DVD to play other multi-media files) , and return when finished , can continue KTV by <PLAY> KEY.

Selected-songs number bar



HDD KARAOKE OPERATION

3. DVD Player Function:

Press the <KTV/DVD-USB/SD/HDD> button on the remote control, switch to the DVD playing status, then can playback DVD, VCD, CD, CD-G MP3 disc.

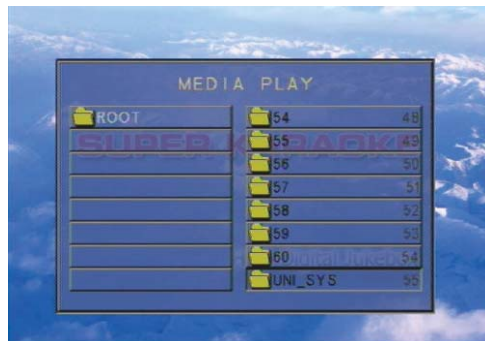
- If want to use this function, so need to setup the DVD-ROM [ON], in the setup menu. please read the manual of page 16 in setup menu.
- If want to output 5.1 channel during playback DVD disc, so need to follow this manual of Page 16, in setup menu, to set the [Karaoke] OFF, At the same time, the 5.1 channel was opened.

4. USB/SD Multimedia VOD Player Function:

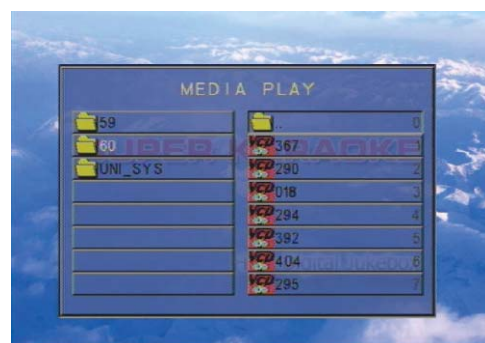
You can plug the U disk or USB mobile hard disk to the Host USB port on rear panel of the machine, or plug the SD card to the SD socket. press the <KTV/DVD-USB/SD/HDD> button switch to the USB/SD status, then the screen will display the file that in U disk or SD card, you can select the file to play by remote control.

5. Hard drive Multimedia VOD Player Function:

Press the <KTV/DVD-USB/SD/HDD> button on the remote control, switch to the HDD status, the screen will display the files and folders in hard drive, then you use remote control to browse the multimedia files in hard drive, it is usually use to watch movies and pictures.



VOD status



Multimedia files list

TECHNOLOGY PARAMETER

G.KARAOKE SYSTEM TECHNOLOGY PARAMETER:

1. The Basic Principles Of HDD Karaoke Machine:

- 1) There is a **songlist.txt** file in **/UNI_SYS/** folder in hard drive of machine, it is a text file of UNICODE format, all the information are saved in this file, such as song's name/number/artist/language etc. ,The machine is based this file to operate.
- 2) Song numbers are from 00001 to 99999, composed of five numbers, it means the folder name(00~99) and song file name(000.xxx~999.xxx).
For example: there is a song files name 006.AVI in the **/03/** folder, so the corresponding song number is 03006.
- 3) When you select a song by **OSD** menu, the machine will search that song's number in the songlist.txt, according to the number, to find the corresponding song file in hard drive to playback.
- 4) When select a song by number, the machine will search the song record correspond with this number in songlist. txt, If find out, will display the song's name on the screen, and play the corresponding song file in hard drive. If can't find out, will play the song file correspond with this number in hard drive directly. (So select song by number don't be limited by records count in Songlist.txt.)

2. The Description Of File System:

Folder	Definition	Description
00~99	000.xxx~999/xxx The folder with song file	Placed the song file to each directory, named from 000 to 999, song number has five numbers. For example: song number is 63006, the machine will point to the 006.xxx file in /63/ folder.
99	000.xxx~999/xxx Background Video Folder	Can placed the MTV files or video files in this folder, as OSD background circularly to play.
UNI_SYS	SYSTEM FILES	Include the necessary file for the machine running normally.
	Songlist.txt	Songlist file, all the information are saved in it, machine is based this file to operate.
	OSDMENU*.txt	Configuration file of OSD menu, user can define OSD by themselves.
	*.FNT, *.IDX	The fonts used by OSD menu.
	SonglistManager.exe	Songlist management program, its the tool to manage the songlist.txt, should operate on computer.
	60.mp3, 70mp3, 80.mp3, 90.mp3	Play the applause music when scoring
Software Tools	/Batch_rename_tool/	Used for batch change the file name .
	/Avicode/	Gives Video/audio detailed information of song files
	/CDG_to_AVI/	Used for convert CD-G disc to AVI file.
	/DVD_Ripper/	Grab the VOB file from DVD disc to hard drive.
	/Format_HardDisk/	Tool to format the large-capacity hard drive
	/Encrypt_Songs/	The tool of encrypt the song files.
	/Edit_songlist/	The tool of manage the songlist.txt file.

TECHNOLOGY PARAMETER

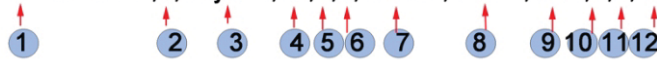
3. The Format Of Song File:

***.AVI	MPEG4 format	DIVX encode format would be best
***.MPG	MPEG1/2 format	VCD/DVD
***.DAT	VCD format	
***.VOB	DVD format	
***.WMA	WMA audio format	File size smaller than MP3
***.Mp3	MPEG_3 audio format	Include MP3+G songs

4. The Rule Of Electron Songlist.txt:

Electron songlist is a "songlist.txt" (UNICODE) file in the /UNI_SYS/ folder of the hard drive, a line is a song, each line has been set off 12 fields by 11 semicolon, each field is used to define the information of the song, as follow:

A WHOLE NEW WORLD;1;Beyond;10;5;9;AWHO;10002;BEY;1;9;270



- (1) Song' s name
- (2) Positioning **VOCAL/MUSIC** in song file (Fill in 0~7 numbers or space as flag) :
 - 0/ **space**-The music at **Left** and vocal at **Right** channel of song file (stereo file)
Or loop C0, C1, 80, 81, A0, A1 track. (multi-audio-track VOB file)
 - 1-The music at **Right** and vocal at **Left** channel of song file (stereo file)
 - 2-The music at **C1** and vocal at **C0** track of song file (multi-audio-track VOB file)
 - 3-The music at **C0** and vocal at **C1** track of song file (multi-audio-track VOB file)
 - 4-The music at **81** and vocal at **80** track of song file (multi-audio-track VOB file)
 - 5-The music at **80** and vocal at **81** track of song file (multi-audio-track VOB file)
 - 6-The music at **A1** and vocal at **A0** track of song file (multi-audio-track VOB file)
 - 7-The music at **A0** and vocal at **A1** track of song file (multi-audio-track VOB file)
- *You can use Avicodec. exe tool to analyse files to find out what track is music on.
- (3) Artist' s name
- (4) The words count of songs name
- (5) Song' s language item#: (Fill in 1~15 numbers)
 - 1-Chinese 2-Cantonese 3-Taiwanese 4-Spanish 5-English 6-Janpanese 7-Thai 8-Russian
 - 9-Myanmar 10-Indonesia 11-Korean 12-Vietnamese 13-Khmer 14-Malay 15-Other Language
- (6) Volume parameters (Fill in 0-9 number) ,it will adjust the volume to 10%-90%.
- (7) Spelling of song name. The initial letter of song name, it is used to select songs by spelling search operation in menu. (Character must be included in spelling-sheet)
- (8) Song' s number: consists of five numbers, they are **folder name+song file name** in hard drive, For example: there is a song file 006.xxx in the /63/ folder, so that song' s number is 63006.
- (9) Spelling of artist. The initial letter of artist name
(For example: If an artist name is "Gia Huy", that its initial ietter is "GH".
- (10) Artist classification (Fill in 1~3 numbers) : 1-Male 2-Female 3-Bands
- (11) Song type: (Fill in 1~15 numbers)
 - 1-Choral 2-Disco/Dance 3-Birthday 4-Barrack Ballad 5-Popular 6-Movies 7-Nacional Songs
 - 8-Opera 9-Special 10-Child 11-Concert 12-MTV 13-Artista 14-MP3/MUSIC 15-User Songs
- (12) Album: Album search for special applications sometime, don' t use usually.

Note: should left a blank line at the end of the songlist .txt, (Also don' t add space), just only one line, don' t more or less. Otherwise the machine will be frozen.

OSD USER-DEFINED

There are three kinds of way to edit the songlist.txt, as following:

- (1) Easy one, can use the notepad in computer to edit, remember that save as UNICODE format.
- (2) Recommended, Use the songlist management software tool provided by original factory to edit, (**Song list Manager.exe** software tool in /SoftwareTools/edit_songlist/ folder of hard drive or CD disc), can edit the Songlist.txt file, like create/edit/sort/search/number replace/Print Songbook etc., And with powerful function is that check the songlist.txt. very simple and convenient.
- (3) Use EXCEL software to edit, apply the function formula tips to create the required songlist.txt. There is a template in /Software_tools/Edit_songlist/by_EXCEL/ folder of CD disc, that is available. (*Advanced User can do*)
Note: You'd best use the Song list Manager.exe tool to manage the songlist.txt (UNICODE).

5. Customiz the OSD menu by user:

- During operate the machine, maybe the user will feel the OSD menu has a bit not suitable to their needs, such as need to display the different languages or the arrange of OSD menu, etc. Now can change the parameters /UNI_SYS/OSDMENUx.txt file in hard drive.
- The machine has preset 11 kinds of languages OSD menu, can press the SETUP button on remote control into the setup interface-->[General Setup]-->[OSD Language], then can select the English/Chinese/Tri Chinese/Spanish/Japanese/Korean/Russian/Thai/Vietnamese/Myanmar/Khmer for OSD language. Configuration files as following:

ENGLISH+ALL	OSDMENU1.txt
CHINESE	OSDMENU2.txt
CHINESE T	OSDMENU3.txt
SPANISH	OSDMENU4.txt
THAI	OSDMENU5.txt
JAPANESE	OSDMENU6.txt
KOREAN	OSDMENU7.txt
VIETNAMESE	OSDMENU8.txt
RUSSIAN	OSDMENU9.txt
MYANMAR	OSDMENUA.txt
KHMER	OSDMENUB.txt
OTHER LANGUAGE	OSDMENUC.txt

According to the needs to change any parameters in OSDMENU.txt file, for example: open the OSDMENU1.txt by notepad in computer, will see:

```
begin
--[OSD_PARENT]=LANAUAGE
[OSD_LANGUAGE]=ENGLISH;5
[OSD_LANGUAGE]=CHINESE;1
[OSD_LANGUAGE]=SPANISH;4

--[OSD_PINYIN]=SPELLING

--[OSD_PARENT]=SINGER
[OSD_MALE_STAR]=MALE SINGER
[OSD_FEMALE_STAR]=FEMALE SINGER
[OSD_GROPU_STAR]=BAND/GROUP
[OSD_ALL_STAR]=All SINGERS
[OSD_SPELLING_STAR]=SINGER SPELLING

--[OSD_CODE]=NUMBER

--[OSD_ORDER]=SELECTED

--[OSD_PARENT]=FOREIGN
[OSD_LANGUAGE]=VIETNAMESE;12
[OSD_LANGUAGE]=RUSSIAN;8
[OSD_LANGUAGE]=INDONESIA;10
```

```
--[OSD_SONGTYPE]=HOT SONGS;5
--[OSD_SONGTYPE]=USER SONGS;15
--[OSD_SONGTYPE]=MOVIES;6

--[OSD_PARENT]=OTHER SONGS
[OSD_SONGTYPE]=CONCERT;11
[OSD_SONGTYPE]=MTV;12

=====
[OSD_STATUS_1]=SELECT SONG NUMBER
.....
[OSD_STATUS_47]=SONG NUMBER ERROR!
[OSD_STATUS_48]=UNSUPPORTED DISC
=====
[OSD_SPELLING_SHEET]-ABCDEFHIJKLMNPOQRSTUVWXYZ
end
```

OSD USER-DEFINED

- 1) OSDENU.txt file divide into three parts ,one is define the OSD option, one is define prompt sentences in operational interface. other one is define SPELLING SHEET interface of OSD menu.
- 2) "--" means the option that display on OSD Menu Home,can be moved between option.
- 3) On the left side of "=" is the definition of the option,on the right side is the option's parameters. For example:
[OSD_PARENT] define the general menu option,[OSD_LANGUAGE] define the language option,[OSD_SONGTYPE] define songtype option.
- 4) As above show,the part of more black color fonts in OSDMENU.txt file, those texts and data can be modified by user.

- **Change the text of menu option:**

For example: change the OSDMENU1.txt :

From	<pre>[OSD_LANGUAGE]=ENGLISH;5 [OSD_LANGUAGE]=CHINESE;1 [OSD_LANGUAGE]=JAPANESE;6 [OSD_LANGUAGE]=MALY;1 [OSD_LANGUAGE]=SPANISH;4 [OSD_LANGUAGE]=INDONESIAN;10</pre>	to	<pre>[OSD_LANGUAGE]=ENGLISH; 5 [OSD_LANGUAGE]=한국어; 11 [OSD_LANGUAGE]=ไทย; 7 [OSD_LANGUAGE]=tiếng Việt; 12 [OSD_LANGUAGE]=РУССКИЙ; 8 [OSD_LANGUAGE]=မြန်မာ; 9</pre>
------	--	----	--

So the OSD menu will display :

From	<pre>1.ENGLISH 4.MALAY 2.CHINESE 5.SPANISH 3.JAPANESE 6.INDONESIAN</pre>	to	<pre>1.ENGLISH 4.tiếng Việt 2.한국어 5.РУССКИЙ 3.ไทย 6.မြန်မာ</pre>
------	--	----	---

- **Move the menu option:can be moved between different type or different submenu.**

For example:change the OSDMENU1.txe file :

From	<pre>[OSD_LANGUAGE]=ENGLISH;5 [OSD_LANGUAGE]=CHINESE;1 [OSD[OSD_LANGUAGE]=JAPANESE;6 [OSD_LANGUAGE]=MALAY;1 [OSD_LANGUAGE]=SPANISH;4 [OSD_LANGUAGE]=INDONESIAN;10</pre>	to	<pre>[OSD_LANGUAGE]=SPANISH;4 [OSD_LANGUAGE]=CHINESE;1 [OSD[OSD_LANGUAGE]=JAPANESE;6 [OSD_LANGUAGE]=MALAY;1 [OSD_LANGUAGE]=ENGLISH;5 [OSD_LANGUAGE]=INDONESIAN;10</pre>
------	---	----	---

So the OSD menu will display:

From	<pre>1.ENGLISH 4.MALAY 2.CHINESE 5.SPANISH 3.JAPANESE 6.INDONESIAN</pre>	to	<pre>1.SPANISH 4.MALAY 2.CHINESE 5.ENGLISH 3.JAPANESE 6.INDONESIAN</pre>
------	--	----	--

TECHNOLOGY PARAMETER

- **Collect a song in a new language option of OSD:**

For example: A song name: "ทำบาปบลง", language is THAI. So you can define language option in OSDMENU.txt as:

Open OSDMENU.txt:

```
[OSD_LANGUAGE]=ENGLISH;5  
[OSD_LANGUAGE]=CHINESE;1  
[OSD_LANGUAGE]=JAPANESE;6  
[OSD_LANGUAGE]=MALY;1  
[OSD_LANGUAGE]=SPANISH;4  
[OSD_LANGUAGE]=THAI;7
```

Language item No. (You can define 1~15)
Language name
Language option

Open Songlist.txt:

```
物别;;张学友;2;1;7;WB;16700;ZXY;1;5;  
LOVE STORY;;;8;5;;LOVE;22014;;1;;  
刺激2005大串烧;;;7;4;;CJDC;49522;;3;2;  
北国之春;1;;4;6;;BGC;65724;;1;;  
リバイバル;1;;5;6;;65447;;1;;  
TAKE ME TO YOUR HEART;0;Michael;5;5;;TAKE;76034;M;1;2;  
ทำบาปบลง;0;;1;7;;;90141;;2;15;
```

Fill number 7 in **Language** field of songlist.txt
Add song name information in Songlist.txt

The song “ทำบาปบลง” will be showed below THAI option of OSD menu:



TECHNOLOGY PARAMETER

● Collect a song in a new SongType option of OSD:

For example: A song name: "MY BONNIE", SongType is CHILD SONG. So you can define SongType option in OSDMENU.txt as:

Open OSDMENU.txt:

```
--[OSD_PARENT]=OTHER SONGS  
[OSD_SONGTYPE]=MTV;12  
[OSD_SONGTYPE]=DISCO;2  
[OSD_SONGTYPE]=MP3;14  
[OSD_SONGTYPE]=OPERA;8  
[OSD_SONGTYPE]=CHILD SONG;10
```

SongType item No. (You can define 1~15)
SongType name
Songtype option

Open Songlist.txt:

```
SONGLIST.TXT - 记事本  
北国の春;1;;4;6;;BGC;65724;;1;;  
リバイバル;1;;5;6;;65447;;1;;  
TAKE ME TO YOUR HEART;0;Michael;5;5;;TAKE;76034;M;1;2;  
ทิวลิป;0;;1;7;;90141;;2;15;  
墓仔埔也敢去;1;;6;3;;MZPY;67100;;1;12;  
LÔI CUÔI CHO EM;4;Minh Tuyet;4;12;;70002;MIN;2;15;  
MY BONNIE;0;Twins;2;5;;MYBO;65269;T;2;10;
```

Fill number 10 in **Songtype** field of songlist.txt
Add song name information in Songlist.txt

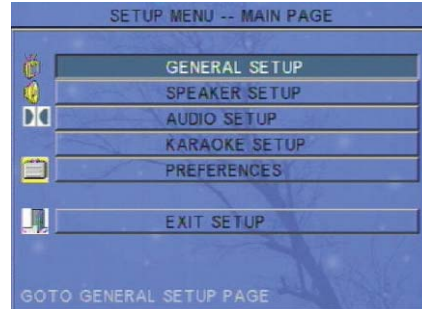
The song "MY BONNIE" will be showed below CHILD SONGS option of OSD menu:



SETUP OPTION OPERATION

H.SYSTEM SETUP:

at STOP status, press <SETUP> button on remote control, enter the system setup interface.



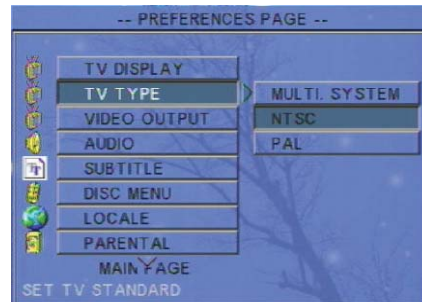
1. Switch Between Multilingual OSD Menu:

In [GENERAL SETUP] --->[OSD LANGUAGE] switch the language between English/ Chinese /Cantonese/Spanish/Japanese /Korean/ Russian/Thai/Vietnamese/ Myanmar/ Khmer, etc.



2. TV PAL/NTSC Setup

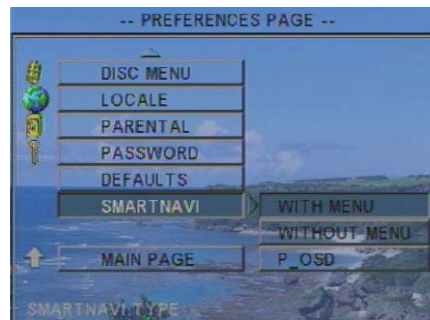
Enter the [PREFERENCES PAGE] --->[TV TYPE] setup page, to select the NTSC or PAL.



3. Setup The First Enter Mode:

In [PREFERENCES PAGE] ---> [SMART NAVI] to select” :

- **WITH MENU** ----
Display the KTV menu when booting.
- **WITHOUT MENU**----
Hide the KTV menu when booting.
- **P-OSD** ----
Hide the KTV menu with Customer requisition



SETUP OPTION OPERATION

4. Set DVD device On or OFF:



In [GENERAL SETUP]-->[DVD-ROM] option, can set the DVD device **ON** or **OFF**, if the machine has built-in DVD-ROM device, want to work normally, must select this option to **ON**.

5. Karaoke Mode Setup:

- a. 5.1 Channel **On** or **OFF**
- b. Karaoke SCORE Mode Setup:



- **OFF**-----Select this option will close the MIC IN, and just select this (5.1CH ON) option, the 5.1 channel will be opened. When play DVD, need 5.1 channel output, must select this option.
- **KARAOKE**-----Select this option will open MIC IN, now the machine is set to Dual-channel Output.
- **REAL SCORE**--- To open the real scoring function. When user sing songs by microphone, the real score will display on the screen.
- **AUTO SCORE**--- To open the auto scoring function. Don't matter user singing or not, when ending a song, the screen will display a random score automatically. Just a entertainment.

(Because the KHP-8806 hasn't MIC IN internal ECHO, so can't receive signal to display the real score with internal ECHO. But if connect the microphone with amplifier, usually connect the MIC OUTPUT/AUDIO OUTPUT port on the rear panel of amplifier with SCORE port on the rear panel of karaoke machine, the machine will can display the real score.

SETUP OPTION OPERATION

6. Scoring Setup:

Enter to the [COIN CONTR] in [KARAOKE SETUP],



Separately to set the coin count that singing needs. * *The password is :3308.*
[xCOIN xSONG] — Setup the COIN port in receive-signal status, can give insert-coin signal from coin-selector, calculate coin count display on Top-right of TV screen .

[COIN FREE] — Coin-free function.

[FOR TIME] ---- Display the cumulative time on Top-right of TV screen from startup or reset.

[CALL SERVICE] ---- Call service function.

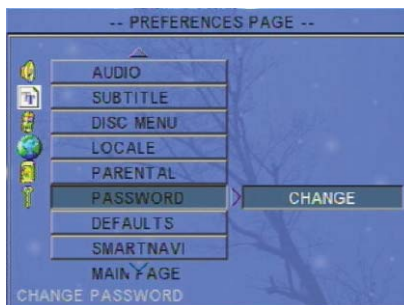
- The COIN PORT is on the rear panel of the machine, please connect the signal line of coin-selector with this port, another, there is a AC 12V power port on the rear panel of machine, it can provide power to the coin-selector.

- When select "COIN FREE" or "FOR TIME" in setup menu, the port will have a signal output, when playing song is low-level output, when stop play is high-level output, can connect to the coin-keyboard and use for subtract-coin control signal.

- The service lamp port is same with COIN port on the rear of the machine, When select "CALL SERVICE" in setup menu, user can press the <SERVICE> key on remote, the port will export a 3V to illumine a lamp as call service in KTV room.

7. Password Setup:

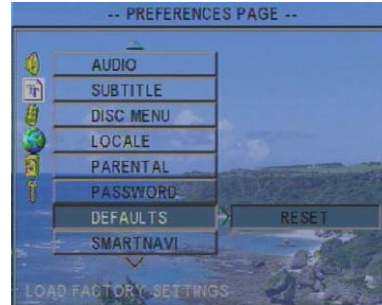
Select [PREFERENCES PAGE]--> [CHANGE]-->[PASSWORD], to setup the password ,the default password is **3308**.



SETUP OPTION OPERATION

8. Reset default of factory

Select [PROFERENCES PAGE]-->
[DEFAULTS]-->[RESET]



I. HOW SET VIDEO/AUDIO OUTPUT CORRECTLY:

	Video output port				Audio output port					
	CVBS Video S-Video	HDMI video	Y/Cb/Cr	VGA	HDMI Audio		2CH	5. 1CH	Optical Coaxial	
(1)	●	● 480p	—	—	(6)	● analog sound	● MIC Echo	● MIC Echo	—	—
(2)	●	● 480p	—	●	(7)	● analog sound	—	●	●	—
(3)	●	● 480i	●	—	(8)	● digital sound	—	●	●	● digital sound
(4)	—	● 720p/1080i	—	—						
(5)	—	● 720p/1080i	—	●						

Press <Setup>key on remote control, To set :

- (1) ● [VIDEO SETUP]-->[RESOLUTION]-->[480P]
- (2) ● [VIDEO SETUP]-->[RESOLUTION]-->[480P]
● [VIDEO SETUP]-->[VIDEO OUT]-->[VGA]
- (3) ● [VIDEO SETUP]-->[RESOLUTION]-->[480I]
● [VIDEO SETUP]-->[VIDEO OUT]-->[YCBCR]
- (4) ● [VIDEO SETUP]-->[RESOLUTION]-->[720P] or [1080I]
- (5) ● [VIDEO SETUP]-->[RESOLUTION]-->[720P] or [1080I]
● [VIDEO SETUP]-->[VIDEO OUT]-->[VGA]
- (6) ● [KARAOKE SETUP]-->[KARAOKE MODE]-->
[KARAOKE/REAL/AUTO SCORE]
● [AUTO SETUP]-->SPDIF OUTPUT]-->[OFF]
- (7) ● [KARAOKE SETUP]-->[KARAOKE MODE]-->[OFF]
● [AUTO SETUP]-->SPDIF OUTPUT]-->[OFF]
● [SPEAKER SETUP]-->[DOWNMIX]-->[OFF]
- (8) ● [KARAOKE SETUP]-->[KARAOKE MODE]-->[OFF]
● [AUTO SETUP]-->SPDIF OUTPUT]-->[SPDIF/RAW] or [SPDIF/PCM]
● [SPEAKER SETUP]-->[DOWNMIX]-->[OFF]

**When at status (4) or (5), Press <Video Reset> key
will reset video to status (1) (2)**

HOW TO ADD SONGS

J. HOW TO ADD SONGS:

1. Add Songs From Computer:

- 1) Turn the machine power on, confirm the internal hard drive of machine work normally.
- 2) Connect the USB 2.0 port on rear panel of the machine with computer by USB line, The computer will recognize a new device, now the hard disk of machine as a mobile hard drive device, can to ADD/MODIFY/DELETE the song file in hard drive of machine on computer.
 - For example: Add a new song (Andy, MY BONNIE.VOB file), song number is: 63006. Built a new folder named /63/ in hard drive, copy that song file into it, named 006.VOB. now use remote control to input number 63006 can to playback.
 - If want to select this song by OSD menu, will edit the songlist.txt file with SonglistManager.EXE tool, then add song records information into it, such as song name-- "MY BONNIE", artist-- "Andy", Language item--5 (Means English), song number--63006. save as a new songlist.txt file. Copy the new songlist.txt file into the /UNI_SYS/ folder of harddisk, The operation of add songs was completed.

2. Add Songs From DVD/VCD Disc directly:

- 1) Press <SETUP> button on remote control, in [KARAOKE SETUP]--[ADD SONGS] -- [FILES COPY] to select "1-FROM DVD-ROM".
- 2) Press OPEN button on remote control to open the DVD device door, then put in the VCD/DVD disc. according to the prompted on screen, then input a new song number, will add the file from disc to the hard drive of machine.

3. Add Songs From U Disk /USB Mobile Disk/SD Card:

- 1) In U Disk and USB Mobil Disk, according to the rule to arrange the new song file and songlist.txt. For example: /63/006.VOB and /UNI_SYS/songlist.txt. (Note: The new file will overwrite the old file of original hard drive.)
- 2) Insert the U Disk into the HOST USB port on the rear panel of machine, press SETUP button on remote control, in [KARAOKE SETUP]-->[ADD SONGS]--> [FILES COPY] to select "2-FROM USB", then will see the file in U-disk is being copied to the hard drive of the machine, also shows the progress, OFF the machine then ON, the operation of add song was completed.
- 3) The method of add songs from SD Card, such as above.
- 4) Else multi-media files (Example a movies, Can don't change name, if only used to playback in VOD status) also can be copied into the machine, as the above method.

ADDITIONAL DESCRIPTION

K. ADDITIONAL DESCRIPTION:

1. *Random Automatic cycle Playback Function:*

Press < **Random Play** > button on remote control, the machine will random play MTV songs automatically, press < **STOP** > button will exit random play status.

2. *The Way To Connect external IR(Infra-red):*



Can connect the external IR port with remote control receive-sensor by extension line, that can connect the simulation remote keyboard.

3. *How To Print SONG-BOOK:*

Load the Songlist.txt into the SonglistManager .EXE software tool in /SoftwareTools/edit_songlist/ folder, press <Print SONGBOOK To Excel File> button, will create a SONGBOOK.XLS file, then load this file with EXCEL software of Windows, according to own needs to arrange a bit, and print out it become to SONGBOOK.

4. *How to make your logo picture as wallpaper:*

There is a Make_wallpaper.exe software tool in /Software_tools/Make_logo_wallpaper/ folder of system CD, you can use this tool make your logo picture to a *.MPG file, then put this file into /99/ folder, The unit will display your wallpaper on screen.

5. *Display "Speech of welcome":*

Edit the variable [OSD_STATUS_6] in config file OSDMENUx.TXT, type max. 10 character as a "Welcome" word, Example:

```
[OSD_STATUS_6] =WELCOME
```

Will display "WELCOME" speech on Top Right of TV screen each 5 minute

6. *Connect to COIN SELECTOR:*

There is a COIN control port at rear of machine, can connect to COIN SELECTOR, then setup COIN option, will count "insert COIN"

6. Encryption Function:

1) Songlist.txt Encryption:

Load the Songlist.txt file into **SonglistManager.EXE** software tool in /Software_tools/Edit_songlist/ folder, and then select <Save As> button to save as a **songlist.IDK**(Encrypted) file, and replace the old Songlist.txt file in the machine.

2) Song Files Encryption:

Use the encryption software tool that follow with original factory(**Encrypt_songs.exe**) to load the song file that needs to encrypt, the **Encrypt_songs.exe** in the /Software_tools/Encrypt_songs/ folder. Such as xxx.VOB, input [**VERIFY Code**](Any four numbers, like 1234), encrypt the song file, and create to a new file (xxx._OB), copy the new file into the machine and delete the old file.

Turn on the machine, press <SETUP> button on remote control, enter [**GANERAL SETUP**]-->[**PLAY VERIFY**]-->[**VERIFY CODE**] options in setup menu, input the Verify Code that filled when encryption (like: 1234), then exit the setup menu, will can play the encrypted song file.

- The encrypted song file just playback by this machine that has according verify code. owner keep verify-code himself, avoid pirate from MTV.

7. About CD+G playback:

The Machine can playback CD+G disc, but if user hope playback CD+G songs in HDD, should convert to AVI format. Use "Power CD-G AVI Ripper" software convert it in computer.

Another, of course this unit can playback MP3+G songs in HDD.

L. TECHNOLOGY PAREMETERS LIMITED:

- Select songs by OSD menu, max. 30000 songs records in the songlist.txt.
- Select songs by number, theoretically, supports songs count max. 100,000, unrestricted with songlist.txt.
- Artists max about 6000.
- hard drive maximum capacity is about 2000G(2TB), FAT32 format.
HDMI video max. resolution is 1080i
CVBS Video max. resolution : 720*576.
But the MTV video files only support max resolution: 720*576
- Power Supply: AC 90~240V, 50/60hz.

● **What is UNICODE?**

In order for a machine to be able to store text and numbers that humans can understand, there needs to be a code that transforms characters into numbers. The Unicode standard defines such a code by using character encoding. Use for display Multilingual characters.

