



## RITECH

## **Table of contents**

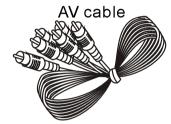
I . Accessory	1
II.Feature	1
III. Structure	2
IV. Real panel connection	3
V. How to operate remote control	4
$\mathrm{VI.}$ How to record song in disc (DVD/VCD/MP3)	5
VII. How to operate on TV screen	6~7
Ⅷ. How to play DVD/ VCD/ SVCD/ CD disc	8~12
IX. Play MP3 disc	13
X. Performance requirement	14
XI. Caution for operation and connection	
XII.Trouble shooting	14

## I . Accessory

#### 1.User manual 2.Remote control 3.AV cable

#### KOD Machine





Remote control



## II . Feature

• The multi-function professional Karaoke On Demand System supports Midii song, VCD (MTV), MP3, and allows easy update of new song through the disk loader and PC's USB.

#### Background

Background quality is DVD format and plays aboout 8 hours.

#### • Song library

Update new songs to KOD by USB.

#### Download user's favorite songs

• The user can download VCD(MTV) songs and MP3 songs to KOD removable HDD by USB.

#### Method of select song

Chorus, singer's name, random, language, word count, Song number, POP.list.

#### Display and give score

The machine give score after each song and display the average score, highest score • Of all previous songs.

#### Other download function

Update service file and software download by USB.

#### **KOD** network

One computer organizes more than 10pcs KOD by USB to send songs and information and
 capable of searching all kinds of service information.

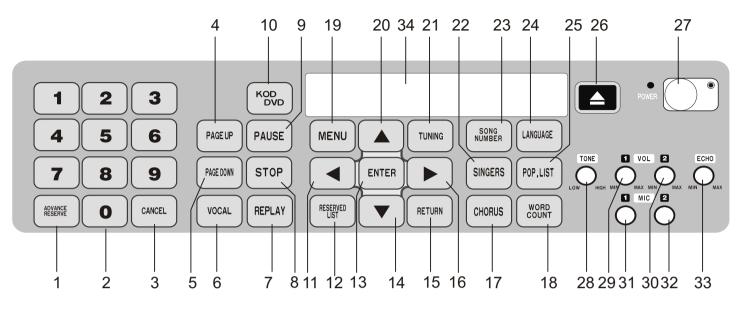
#### Help

In any mode of machine, the user choose "Help", the current help information

• will be displayed.

## III. Structure

1.FRONT PANEL



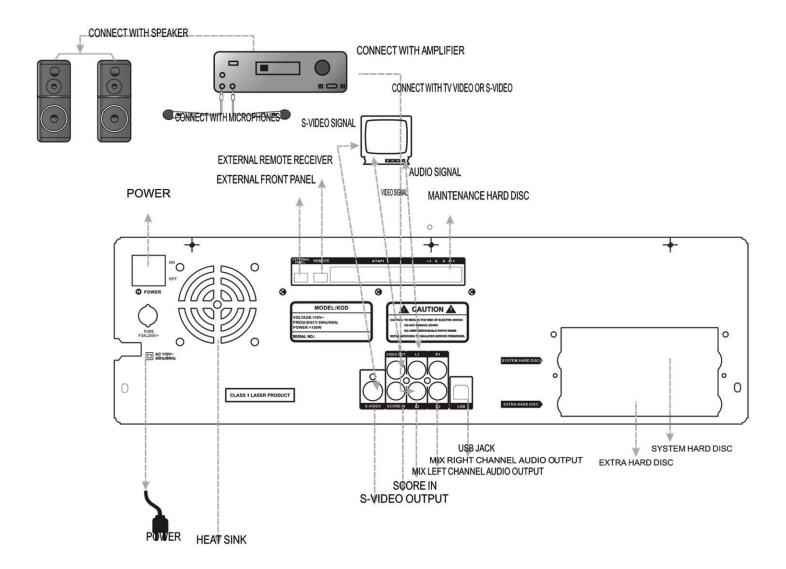
2

**1.ADVANCE RESERVE** 2.NUMBER **3.CANCEL** 4.PAGE UP **5.PAGE DOWN** 6.VOCAL 7.REPLAY 8.STOP 9. PAUSE **10.KOD/DVD SWITCH 11.LEFT 12.RESERVED LIST** 13.ENTER **14.DOWN** 15.RETURN 16.RIGHT **17.CHORUS** 

**18.WORD COUNT 19.MENU** 20.UP 21.TUNING 22.SINGERS 23.SONG NUMBER 24.LANGUGE 25.POPLIST 26.OPEN/CLOSE 27.REMOTE RECEIVER **28.TONE** 29.MIC 1 VOLUME **30.MIC 2 VOLUME 31.MIC 1 JACK** 32.MIC 2 JACK 33.ECHO 34.DISC TRAY

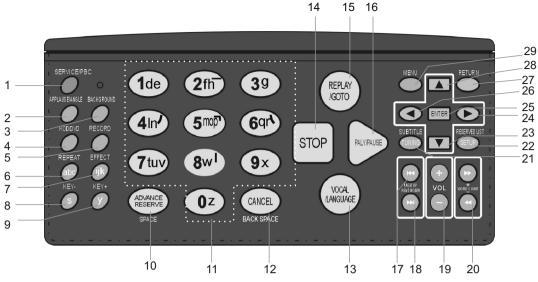
## $\operatorname{IV}\!.$ Real panel connection

#### 2.Connection plan



3

## V. How to operate remote control



#### Operate TV screen display by remote

- 1.SERVICE/PBC: refer to the (2) of page 7.
- 2.APPLAUSE/ ANGLE: if you press this button, applaus e will be sounded automatically.
- 3.BACKGROUND: shift different background.
- 4.KOD/DVD: switch KOD/DVD mode.
- 5.RECORD: record song from disc.
- 6.REPEAT: repeat one song.

**7.EFFECT :** 7 kinds of effect mode : standard , rock , classic, centre(theater), disco, square, Jazz. **8.KEY-:** falling key.

9.KEY+: rising key.

**10.ADVANCE RESERVE/SPACE** : put the selected song in the first place from reserve list

- **11.NUMBER BUTTON** : press number button to select song then press [Enter] button to play.
- 12.CANCEL/BACK SPACE : delete the selected song from reserve list.
- 13.VOCAL/LANGUAGE: shift vocal on, vocal off, vocal auto ....
- 14. STOP: stop the playing song and play the next resered song.
- **15.REPLAY/GOTO:** in playing mode , It will play previous songs (10 songs at most )by press this button in display song name; it will replay the playing song by press this button after display song name.
- 16. PLAY/PAUSE
- 17. PAGE UP
- 18. PAGE DOWN
- **19.VOLUME+/-:** press "volume+"to increase volume ;press"volume-" to reduce volume.
- 20.WORD COUNT+/-: use this function to enter Word count select song.the machine must enter in word count,Language,Chorus user's song,Dance mode.Operate on TV screen display by remote In Language, Couple song, user's song, dancing music mode only.
- **21.TUNING:** refer to the details (3) of page 7.

**22.RESERVED LIST:** reserver list. You can adjust the sequence of the reserved song list and cancel the song freely.

- 23. DOWN: move down.
- 24.RIGHT: move right.
- 25.Enter button: to enter the item the user chosen.
- 26.LEFT: move left.
- 27.RETUR: return to the previous catalogue.
- 28.UP: move up.

**29.MENU** : press this button to enter main menu and choose according to the user's requirement.

## $V\!I.$ How to record song in disc (DVD, VCD, MP3 )

Record: Press " Record " button in DVD mode.

#### 1. Song type

(1)Karaoke song

(2)Non karaoke song

If it is MTV, please choose(1); If it is MP3, please choose(2)

Note: DVD disc, this step needn't act.

- 2 Display song list in the disc. To choose the songs the user want to download and then press [Enter] button.
- 3. According to the function of the following button, press[Reserved List] button to pop-up song information menu. Input song information and save it, then exit the menu.

4. Press [Record] button after choose songs and put the song information.

5. According to the indication on TV screen, press [Enter] button and download songs from disc to KOD player. Wait for finishing download or press [Return] button to exit. After download and press [Return]button, restart the machine (For copying songs from loader to HDD, make sure that the copying disk is in good condition with no scratch or dirt).

#### Fill in song information :

**Song name :** As for MTV song , it should be " 5 digitals song number+song name" in song information item.

Initial letter: The initial letter of word (doesn't include number and symbol)	<b>SONG AREA:</b> Chinese mainland song , Cantonese song , foreign song, etc
<b>Singer PY:</b> Initial letter of singer's name (doesn't include number and symbol)	<b>Full :</b> Song name spell (doesn't include number and symbol and 7 digital number at most )
Category :Man singer , Woman singer, Band	Location : Mainland, HK, TW, etc

Repeat button : " abc" button	Key- button: "S"button
1 button: "d,e" button	7 button: "t,u,v" button
2 button: " f,h" button	8 button: "w"button
3 button: "g"button	9 button: "x"button
Effect button : "i,j,k" button	Key+ button :"y"button
4 button: "I,n"button	0 button: "z"button
5 button: "m,o,p"button	Cancel button : " back " button
6 button: "q,r"button	Advance reserve button : "Space" button

#### Function button for input song information :

[Reserve List]button : pop-on song information menu [Return] button : Exit song information menu [Up/Down] button : shift input frame. [Tuning] button : shift Chinese/English input method

For example : Input English word " girl "

Shift Chinese input method to English input method by press [Tuning] button . Input [3] and choose "g", input [Effect] and choose "i" Input [6] and choose "r", input [4] and choose "I"

## VII. How to operate on TV screen

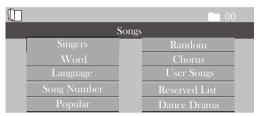
#### 1. Display menu

Use remote control or press the menu in front panel, TV screen display.

	00
Main Menu	
Songs	
Services	
Tuning	
Help	
Setup	

#### (1) select song

Enter "song ", it will display the below image and press "Up, Down, Left, Right" button to choose.



Singers: All stars ,HK TW men, HK TW men, HK TW women,Inland men,Inland women,Band, Foreign.

Random: MTV, KSC, MIDI, ALL.

- Word : Choose 1 to above 10 word count and display songs that pointed song name number.
- Language : Mandarin, Cantones, Minnanhua, English, Korean, Thai, Vietnam, Japanese, Tagalog song.
- Chorus song: Display couple songs.
- User song : ALL MTV, ALL MP3,

MTV Random, MP3 Random

- **Reserved list :** Display the selected songs. **POP.List :** Display the most popular songs
- with high click frequency. **Dance Drama :** Drama, Dance, Congratulations, Classic.
- Press "Menu" on the remote control and enter "Menu", then press "Up, Down" button to choose "Service", TV screen display:

			00
T:0	Name	Number	Unit Price
~	Creen tea	0	15.00
0	ır Coffee		
Unea	k Coffee Apple		
	Apple	-	

#### (2) Service

Communicates with the sever, and order wine and drink etc. Server will change the quantity in service mode by pressing Left or Right button. Then press "Enter "button to confirm the user's requirement.

	00
Services	
N 0 1	
Ensure Service	
Return to modify	
Cancel all	

Press "Menu " on the remote control and enter "Menu ", then press "Up, Down" button to choose "Tuning", TV screen display:

#### (3) Tuning

Enter tuning and display the following image:

	00
	Tuning
Vocal Vol:	· · · · · · · · · · · · · · · · · · ·
Music Key:	
Tempo:	
Melody Vol:	
Effect:	Rock

Press "Menu" on the remote control and enter "Menu", then press "Up, Down" button to choose "Help", TV screen display:

	00
Help Titles	
Select Song Without Menu	
Select Song on Menu	
Randon Select	
Selected Song	
Volume Control	v

#### (4) Help

Enter Help menu and display the following items "select song without menu, Select song on Menu, Random select, selected song, volume control, system setup, service, Help, Display setup, Input method on/off, Machine setting, Hiding function. Press "Up / Down" button to choose. Press "Menu" on the remote control and enter "Menu ", then press "Up, Down" button to choose "SETUP", TV screen display :

	00
Setup	
Display Setting	
Machine Setting	
Input Method on/off	
Advanced function	
Load Default Setup	•

#### (5) Setup

Enter setup menu and pop-up dialog " input password",Input 888888 and display

" Display setting, machine setting, input method on/off, Advance function, load default setup" items and press Up or Down button to choose.

	00
Display Setting	
Chinese lyric :	Seng com
Menu font Setting:	
Status bar on/off :	Off
Display Song type:	All
Menu auto display:	Off 🔹

#### (a)Display setup

Chinese lyric font : seng sim , kai sim, seng com Menu font setting : English, seng sim , seng com Status Bar: ON/OFF

Display next program song name and quantity of program songs. Display song type : KSC + MIDI, MTV, KSC, MIDI、KSC+MTV、MIDI+MTV, All Menu auto display : ON/OFF VGA small AD : OFF (This KOD does not support VGA output) TV Text AD : ON/OFF Menu transparence: 0-15 Lyric display: ON/OFF Lyric background : ON/OFF Score display: ON/OFF Score level: Easiest, Easy, Medium, Hard, Hardest Score from : Mic In, Random Minimum Score: 00, 20, 40,60,80 Maximum Score: 96 97 98 99 100 Play mode movie : Scene, No Scene, User Normal mode movie : Reserve, Use Video start position : Random , Bejning Power on random play: ON/OFF

If setup on, and no people select song within one minute, the machine will play random. Select region color: Blue ,Orange, Green (b)Machine setting

# Image: Machine Setting 00 Room name : ROOM0001 TV System: PAL Hard disc stand by: Never Slave Stand by: Never MTV&MP3 default VOL: NO

 Room name: ROOM000X
 Input password: 123456. To change Room number by number button.
 TV system: PAL, NTSC.
 Hard disc stand by: 30 min, 1 hour, 3 hours,

Never, 10 min

 If the user didn't use within the setting time, it will close background and back to logo of TV screen to save hard disc.
 Slave stand by : Never
 MTV&MP3 default Vol :No, Modify, Save.

 Adjust volume of the playing MTV/MP3 and choose "Modify for ever", volume of MTV/ MP3 will keep Modify for ever even if power off; It can choose "modify temporary" and it is effective only during power on; It don't change without modify.

MTV&MP3 default memory disc: main hard disc, data disc

 Change the place memory of record or download MTV&MP3.

Serial No: FFFFFF, FFFFFFFF

- Software Version: 330108
- (c)Input method on/off : Mandarin , Cantones, Minanhua,English , Korean ,Thai , Vietnam , Japanese , Tagalog.

#### (d)Advance function

Moving background of start playing : choose your favorite MTV as Moving background of start playing and the machine will play it after restart .

(e)Recover default setting : Recover default password 666666.

## • Note : Press Left/Right button to change function setting after enter menu.

## I. How to play DVD, VCD, SVCD, CD disc

Put the disc in the disc tray and then press shift button of KOD/DVD on the remote control.

#### 1.Search image you want (For DVD, VCD, SVCD disc)

#### Fast forward search

- a.Press [word count "+"] button in the first time , TV screen display "►► X02" Play forwards with double normal speed.(no sound)
- **b.**Press [word count "+"] button in the second time , TV screen display "►►X04" Play forwards with fourfold normal speed.(no sound)
- c.Press [word count "+"] button in the third time , TV screen display "▶►X08" Play forwards with eightfold normal speed.(no sound)
- d.Press [word count "+"] button in the fourth time , TV screen display "►►X16" Play forwards with sixteenfold normal speed.(no sound)
- e.Press [word count "+"] button in the fifth time , TV screen display "►►X32" Play forwards with thirty-twofold normal speed.(no sound)
- f.Press [word count "+"] button in the sixth time , TV screen display "►►X64" Play forwards with sixty-fourfold normal speed.(no sound)
- **g**.Press [word count "+"] button in the seventh time , TV screen display "PLAY" Recover normal speed.

#### In CD playing mode

Press [word count "+"] button in the first time , TV screen display "▶▶ X01 ". Press [word count "+"] button in the second time ,TV screen display "▶▶ X02" Press [word count "+"] button in the third time,Recover normal speed.

#### Fast backward search

- a.Press [word count "-"] button in the first time , TV screen display "◀◀X02" Play backward with double normal speed . (no sound)
- b.Press [word count "-"] button in the second time , TV screen display "◀◀ X04" Play backward with fourfold normal speed.(no sound)
- c.Press [word count "-"] button in the third time , TV screen display "◀◀X08" Play backward with eightfold normal speed.(no sound)
- **d**.Press [word count "-"] button in the fourth time , TV screen display " ◀◀X16" Play backward with sixteenfold normal speed.(no sound)
- e.Press [word count "-"] button in the fifth time , TV screen display "◀◀X32" Play backward with thirty-twofold normal speed.(no sound)
- f.Press [word count "-"] button in the sixth time , TV screen display "**4**X64" Play backward with sixty-fourfold normal speed.(no sound)
- **g.**Press [word count "-"] button in the seventh time , TV screen display "PLAY" Recover normal speed.

#### In CD playing mode

Press [word count "-"] button in the first time ,TV screen display " $\blacktriangleleft$ X01 " Press [word count "-"] button in the second time ,TV screen display " $\blacktriangleleft$ X02 " Press [word count "-"] button in the third time ,Recover normal speed.

#### 2.To search image you want(For DVD, VCD, SVCD disc)

#### In PBC off mode and during play VCD , SVCD disc ,

a.Press [Replay/GOTO]in the first timeTV screen display "00 :00:00" Input time by press number button and press[Enter] button, TV screen display[PLAY]

#### In playing DVD disc mode

- **A.**Press[Replay/GOTO]in the first time, TV screen display "title01/01 chapter 004/025" Input number by press number button and press[Enter] button ,TV screen display the selected chapter.
- **B.**Press[Replay/GOTO]in the second time , TV screen display "Time 00: 00: 00" Input time by press number button and press[Enter] button, TV screen display[PLAY]

#### ▶ Note : With different title and chapter according to the different disc.

#### 3.Previous song, nextsong (For DVD, VCD, SVCD, CD, MP3 disc)

**a.**Press[Page up] button and page back to previous song.

**b.**Press[Page down] button and page forward to next song.

#### 4.Play /Pause button (For DVD, VCD, SVCD, CD, MP3 disc)

a.Press [Play/Pause] button during playing disc , TV screen "Pause"b.Press [Play/Pause] button during pause playing disc , TV screen "Play"

#### 5.Repeat (For DVD, VCD, SVCD, CD disc)

#### In playing DVD disc mode

- **a.**Press [Repeat] in the first time, TV screen display "REPEATTITLE " Replay the playing title.
- **b.**Press [Repeat] in the second time, TV screen display "REPEAT CHAPTER" Replay the playing chapter.
- **c.**Press [Repeat] in the third time, TV screen display "REPEAT OFF" Cancel replay and recover the normal playing mode.

#### In playing VCD、SVCD、CD mode

- a.Press [Repeat] in the first time ,TV screen display: "REPEATTRACK"
- b.Press [Repeat] in the second time, TV screen display: "REPEAT DISC "
- c.Press [Repeat] in the third time, TV screen display: "REPEAT OFF"

#### ▶ Note : In playing VCD、SVCD disc and during PBC Off, "All disc Replay" function work.

#### 6.PBC function (For VCD, SVCD disc)

#### Press [Service/PBC] button on the remote control

- **a.**Press [Service/PBC] button in the first time to open PBC and press number button to play according to the menu. press[Menu]button and back to menu during playing.
- b.Press [Service/PBC] button in the second time to close PBC and press number button to play .

#### 7.Title menu (For DVD disc)

Press [Menu] button on the remote control and display content of title. Press direction button to choose the item you need.

#### 8. Change angle (For DVD disc)

Press [Applause/Angle] button on the remote control

The user can enjoy image from different angel, but this function only for DVD disc with supporting to angel function.



#### 9.Change Language (For DVD, SVCD disc)

For [DVD] disc, Press [Vocal/Language] button on the remote control to shift.

For [SVCD] disc, Press [Tuning] button on the remote control to shift.

To choose different dialogue language, this function is only for the disc with recording multi-dialogue language.

#### 10.Change language of caption.(For DVD disc)

Press [Tuning ] button on the remote control

To choose language of caption during playing, this function is only for the disc with recording multi-dialogue language.

Press[Effect] button on the remote control and open or close caption.

#### 11.Change Key(For DVD, VCD, SVCD disc)

key + 、key -

a.Press [key + ] button , move Right ; TV screen display "----#------"

**b.**Press [key -]button, move Left ; TV screen display "----b------"

#### 12.Change volume (For DVD, VCD, SVCD, CD, Mp3 disc)

Volume+、Volume -

#### 13.Setting channel (For VCD, SVCD, CD disc)

a.Press [Vocal/Language]button in the first time ,TV screen display "Left channel"

**b**.Press [Vocal/Language]button in the second time .TV screen display "Right channel"

c.Press [Vocal/Language]button in the third time ,TV screen display "Stereo"

#### 14.Setting (For VCD, SVCD, CD, MP3 disc)

Press [Reserve List ] button on the remote control and enter setup menu TV screen display : MAIN MENU 



LANGUAGE
OSD
AUDIO
SUB TITLE
MENU RETURN

#### Note : "preferences" can display in stop mode only.

a.Enter system language,

Enter each item setting in system language, TV screen display





LANGUAGE





OSD	
AUDIO	
SUB TITLE	
MENU	
RETURN	

LANGUAGE



LANGUAGE





b.Enter TV system , TV screen display LANGUAG ► TV Syste DISPLAY M AUDIO SE PREFEREN EXIT	GE AUTO EM NTSC OUTPUT MODE PAL OUTPUT ETUP PSCAN NTSC ETUP PSCAN PAL
<b>c.</b> Enter display mode , TV screen display	MAIN MENU DISPLAY MODE
	LANGUAGE* 4:3 LBTV SYSTEM4:3 PS▶ DISPLAY MODE16:9AUDIO SETUPVIDEO SETUPPREFERENCESEXIT
► AUDIO VIDEO	UAGE ANALOG
Enter each item of audio setup ,TV screen displa	
	ANALOG 5.1 CHANNEL     DIGIAL * DOWNMIX STEREO     SAMPLE RATE RETURN     KARAOKE     RETURN
AUDIO SETUP       AUDIO SETUP         ANALOG       *PCM         ▶ DIGIAL       BITSTREAM         SAMPLE RATE       × SAMPLE RATE         KARAOKE       KARAOKE         RETURN       RETURN	AUDIO SETUP * 48 KHZ ANALOG * ON 96KHZ DIGIAL OFF SAMPLE RATE ► KARAOKE RETURN
e.Enter Video setup, TV screen display	MENU VIDE SETUP
AUDIO ▶ VIDEO	
Enter each item of Video setup ,TV screen displa	ay VIDE SETUP
	►COMPONENT ON S-VIDEO ★ OFF RETURN
f.Enter preferences , TV screen display	MAIN MENU PREFERENCES
Â	LANGUAGEDEFAULT DARARTV SYSTEMCLOSED CAPIIONDISPLAY MODEPARENTAL CTLAUDIO SETUPSCREEN SAVERVIDEO SETUPRETURN▶ PREFERENCESEXIT

g.Enter Exit setting and exit menu. To save the setting menu after power off.

#### 15.Program play (For DVD, VCD, SVCD, CD disc)

In Stop mode , press [Advance Reserve/Space] button , TV screen display

	DVD PROGF	RAM		VCD PRC	OGRAM
TITLE CHAPTER:			INPUT TRACK NO:		
01:	02:	03:	01	02	03
04:	05:	06:	04	05	06
07:	08:	09:	07	08	09
10:	11:	12:	10	11	12
13:	14:	15:	13	14	15
16:	17:	18:	16	17	18
CH00SE:01-16			CHOOSE:		
CLEAR: ◀ CLEAR►		<u>←†↓≻</u>	CLEAR: ◀CLEAR►	NOVE.	<b>&lt; ⇒ ←∱ ᢤ ▷</b>
START◀ <sub>PLAY</sub> ►	QUIT:		START PLAY	QUIT:	STOP ►
	SVCD PROC	GRAM		CD PROG	RAM
INPUT TRACK NO:	SVCD PROC	GRAM	INPUT TRACK NO:	CD PROG	RAM
INPUT TRACK NO:	SVCD PROC	GRAM	INPUT TRACK NO: 01	CD PROG	03
01	02	03	01	02	03
01 04	02 05	03 06	01	02 05	03 06
01 04 07	02 05 08	03 06 09	01	02 05 08	03 06 09
01 04 07 10	02 05 08 11	03 06 09 12	01	02 05 08 11	03 06 09 12
01 04 07 10 13 16 CHOOSE:	02 05 08 11 14 17	03 06 09 12 15 18	01 04 07 10 13 16 CHOOSE;	02 05 08 11 14 17	03 06 09 12 15 18
01 04 07 10 13 16	02 05 08 11 14 17	03 06 09 12 15	01	02 05 08 11 14 17	03 06 09 12 15

- ▶ Note : 1. operate according to display on the TV screen .
  - 2.[Cancel/Back Space] button cancel all .
  - 3.If the user want to cancel single song, input "0".

#### 16.Press number button to play song ( For DVD、VCD、SVCD、CD disc)

The user can press number button (0-9) on the remote control to play song . **For example :** Press number "9", the player will play ninth song in the disc. Press number "12", the player will play twelfth song in the disc.

▶ Note : The function is effective when play VCD, SVCD disc in PBC off mode only.

## IX. Play MP3 disc

1. Press[ Play\Pause] button in the first time,

TV screen display

FILE 167 OF 167	FILES INDIR	
ROOT		
A	<b>Л</b> C043	43
B\	C044	44
C/	C045	45
D\	C046	46
E\	C047	47
F\	C048	48
G\	C049	49
C045	⊕ 00:01:20 ►	

The song is in playing mode.

Press[ Play\Pause] button in the second time,

T) / a ana ana diambarr			
TV screen display			
· · · · · · · · · · · · · · · · · · ·	FILE 167 OF 167	FILES INDIR	
	ROOT		
	A١	<b>Л</b> C043	43
	B	C044	44
		C045	45
	CI	C046	46
	DY	C047	47
	Ε\	C048	48
	E)	C049	49

The song is in pausing mode.

Press[Volume "+、-"] button to increase or reduce volume, TV screen display

C045

FILE 167 OF 167	FILES INDIR
	FILLS INDIK
ROOT	
A	<b>Л</b> C043 43
B\	C044 44
C\	C045 45
D\	C046 46
E\	C047 47
F\	C048 48
G\	C049 49
6 2	
C045	00:01:20

⊚ 00:01:20 ∎

#### 3. Fast forward search

Press [word count+] on the remote control in the first time, TV screen display

FILE 167 OF 167	FILES INDIR	_
ROOT		
A	<b>Л</b> C043	43
В∖	C044	44
C\	C045	45
D\	C046	46
E	C047	47
F\	C048	48
G\	C049	49
C045	00:01:20	► X2

Press [word count+] on the remote control in the second time, TV screen display

FILE 167 OF 167	FILES INDIR	
ROOT		
A١	<b>Л</b> C043	43
R\	C044	44
G	C045	45
	C046	46
D\	C047	47
Ε\	C048	48
E/	C049	49
6 2		
C045	00:01:20	► X4

Press [word count+] on the remote control in the third time, TV screen display

FILE 167 OF 167	FILES INDIR	
ROOT		
A	<b>Л</b> C043	43
B\	C044	44
C/	C045	45
D\	C046	46
E\	C047	47
F\	C048	48
G\	C049	49
VOL 26		
C045	00:01:20     0	► X8

Press [word count+] on the remote control in the fourth time, recover play.

 Search songs by pressing number button The user can press number button (0-9) on the remote control to search song and press [Enter] button to play the selected song. In all disc , press song number in the disc and press [Enter]button to play.(A)

#### In chapter , press song number in the chapter and press [Enter] button to play.(B)



#### 5. Repeat song

Press [Repeat ] button on the remote control,

TV screen display :

FILE	167	0F	167	F	LES	INDIF	t		
ROOT									
4\				Л	C043				43
3\					C044				44
C/\					C045				45
D/					C046				46
E۱					C047				47
F۱					C048				48
G/					C049				49
045				$\odot$	00:01	:20		1	3

Note: press this button in the second time to cancel repeat.

 To search the song by "previous, next "funtion (It is noneffective by press Up/Down funtion
 In Repeat mode .)

Press [Page up] button to search the previous song.

FILE	167	0F	167	FILES	INDIR	
ROOT						
A			Л	CO43		43
B\				CO44		44
C/				CO45		45
D\				CO46		46
Eλ				CO47		47
Fλ				CO48		48
G\				CO49		49
C045			25	00.01.20		

LE	0F		FILES	I ND I R	
)/T0					
		Л	CO43		43
			CO44		44
			CO45		45
			CO46		46
			CO47		47
			CO48		48
			CO49		49
		_			

Before press [ Page up] button

After press [Page up] button



#### Press [ Page down] button to search the next song.

FILE 167 OF	167 FILES INDIR		FILE 167 OF 1	67 FILES INDIR	
ROOT			ROOT		
A\.	<b>Л</b> CO43	43	A\	<b>Л</b> CO43	43
B\ C\	C044	44	B/	C044	44
C/	C045	45	C	CO45	45
D\	C046	46	D\	C046	46
E	C047	47	Ε\	C047	47
FX	C048	48	F\	C048	48
G\	C049	49	G\	C049	49
C045	00:01:20		C045	Ø 00:01:20	

Before press [Page down] button

After press [ Page down] button

## X.Performance requirement

**1. Power input :** ~90V-240V ;

power : measure exactly

2 Audio/Video : Refer to VCD normal standard

3. Microphone effect : Not lower than midi

player standard

4. Reliability : No problem to play random within 8 hours.

5. High temperature : 40 degree 4 hours
6. Low temperature : -5 degree 1 hour

**Storage**: 55 degree 2 hours -25 degree 2 hours

8. Packing fall off: 60cm 6 side

## ${\tt XI}.$ Caution for operation and connection

- 1. Please power off the machine when the user don't use it (pull out plugs)
- 2 Please power off when the machine get problem, then restart it after several minutes.
- 3. Make sure fastness when connect with external remote control receiver. hard disc,
- TV etc. system, Or it may destroy the machine.
- 4. To keep proper aeration of the machine when use it for a long time.
- 5 Please connect with other device before connect with the machine and power on lastly.
- 6. To power off after Power on the machine and wait for entering system ,
  - Or it might destroy the data .

## XII.Troubleshooting

Symptoms	Action
? the remote has no function	<ul> <li>Remove the obstacles in the path of the remote and the player.</li> <li>Point the remote at the remote sensor on the player.</li> <li>Replace all the batteries in the remote with new ones if they are weak.</li> </ul>
<pre>   there is no image ,no color   the image is rolling vertically </pre>	<ul> <li>Check the TV mode whether or not right.</li> <li>Check that the player is connected securely.</li> <li>Press the [SETUP] button change the player mode to right.</li> </ul>
? there is no sound	<ul> <li>Check the audio output whether or not connected securely to the TV or amplifier.</li> <li>Check the power of TV whether or not turn on.</li> <li>Whether or not turn on the tv or amplifier volume</li> </ul>
? there is no sound from the microphone	<ul> <li>Check the power of the microphone whether or not turn on.</li> <li>Check the audio output whether or not connected securely.</li> <li>The volume of microphone whether or not in minimum mode.</li> </ul>
there is whistle when insert the microphone	<ul> <li>% The volume of the microphone. (MIC1 LEVEL,MIC2 LEVEL)</li> <li>% Make sure you turn on the volume of TV or Amplifier.</li> </ul>



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