PREPARATION

SAFETY WARNINGS



CAUTION

RISK OF ELECTRIC SHOCK. DO NOT OPEN



CAUTION:

DO NOT EXPOSE TO RAIN OR MOISTURE TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL



This symbol indicates that dangerous voltage which can cause electric shock is present inside this unit.



This symbol alerts you to important operating and maintenance instructions accompanying the unit.

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

PRECAUTIONS

Ensure that the AC power supply in your house complies with the identification sticker located on the back of your player.

Install your player horizontally, on a suitable base (furniture), with enough space around it for ventilation (7.5~10cm). Make sure the ventilation slots are not covered.

Do not stack anything on top of the player.

Do not place the player on amplifiers or other equipment which may become hot.

This player is not designed for continuous use. In order to disconnect the player completely from the power supply, remove the main plug from the wall outlet, especially when left unused for a long period of time.

During thunderstorms, disconnect AC main plug from the wall outlet. Voltage peaks due to lighting could damage the unit.

Do not expose the unit to direct sunlight or other heat sources. This could lead to overheating and malfunction of the unit.

Protect the player from moisture (e.g. vases), and excess heat (e.g. fire place) or equipment creating strong magnetic or electric fields (e.g. speakers...).

Disconnect the power cable from the AC supply if the player malfunctions.

This player is not intended for industrial use. Use of this product is for personal use only.

Condensation may occur if the player or disc have been stored in cold temperatures.

If transporting the player during the winter, wait approximately 2 hours until the unit has reached room temperature before using.

The battery used with this product contain chemicals that are harmful to the environment. Do not dispose of batteries in the general household trash.

Handling the Unit

When setting up the unit, the picture and sound of a nearby TV, or radio may be distorted during playback. In this case, position the unit away from the TV, or radio, or turn off the unit.

Cleaning the unit

To clean the cabinet, use a soft, dry cloth. If the surfaces are extremely dirty, use a soft cloth lightly moistened with a mild detergent solution. Do not use strong solvents such as alcohol, benzene, or thinner, as these might damage the surface of the unit.

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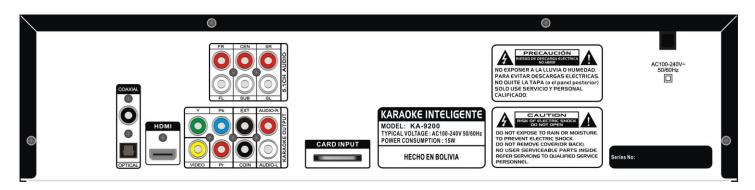
DESCRIPTION

Front Panel



Power On/Off Switch	Numeric(0-9) Buttons
◄◄ / ▶▶ (REW/FF)	Search
✓ / ► (Previous/Next)	1 st Reserve
ENTER(←)	►II(Play/Pause)
LED Display	■(STOP)
IR Remote Sensor	Mic Volume 1
Key b/#	Mic Volume 2
Tempo -/+	Echo Volume
Reserve	Microphone Input 1, 2
Cancel	USB Input

Rear Panel



Coaxial	External Score Signal Input
Optical	Coin Signal Input
HDMI	2 CH Karaoke Audio out
5.1CH Audio out	Card Input
Composite Video Out	AC Cord Cable
Component Video Out	Serial Number

DESCRIPTION

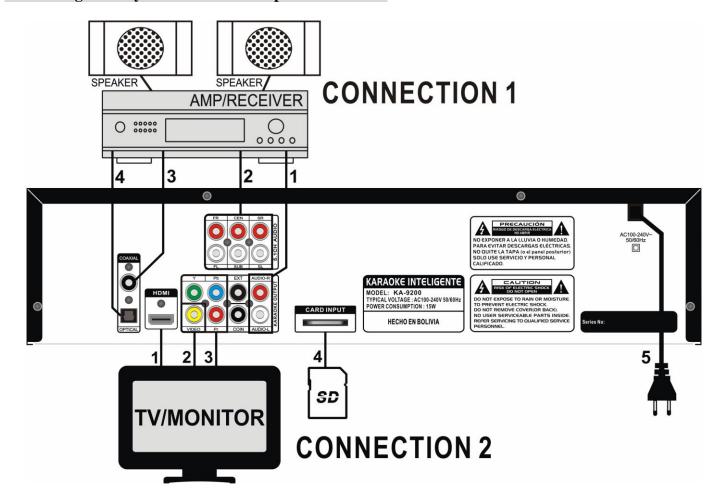
SMALL REMOTE CONTROLLER

BUTTON	KARAOKE FUNCTION
POWER	Turn On/Off the power
SOURCE	Show the source drive (USB or CARD)
REPEAT	Select repeat One/All/Random/Off
RETURN	Return to the Top Menu
SETUP	Open/Close Karaoke Setup mode
INFO	Display the current song's information
EQ	Change EQ Effect
MUTE	Select Mute On/Off of sound
MELODY	Change Melody of MIDI song
CHORUS	Change Chorus Volume
KEY b/#	Change Key of music
TEMPO-/+	Change Tempo of MIDI song
VOLUME UP/DOWN	Change Music Volume
NUMERIC(0-9)	Input Song Number
RES(RESERVE)	Reserve songs
CAN(CANCEL)	Cancel wrong number or alphabet input
	Cancel the reserved song from the queue
4/ ▶	Select Country
▲/▼	Select a Song line by line on the song list
GENRE-/+	Select a Genre
ALPHABET A	Move song list from Z to A category
ALPHABET Z	Move song list from A to Z category
PAGE ▲	Move to upper page on the song list
PAGE ▼	Move to down page on the song list
ENTER	Reserve a selected song
►II(PLAY/PAUSE)	Play a song or pause a song
■(STOP)	Stop playing
REPLAY	Replay a current playing song from beginning
1st RES(1st RESERVE)	Reserve a certain song at priority in the queue
SEARCH	Open/Close On-Screen Song List
T/S(TITLE/SINGER)	Sort the song list by Song Title or Artist name
FAV+	Save a song on the Favorite Song List
BGV	Change BGV
LYRIC	Select Lyric On/Off
M/F(MALE/FEMALE)	Select Male/Female/Normal Key
RUBY	Ruby On/Off for Korean and Chinese Lyrics.
F. COLOR	Change Lyric Color
1st VER(1st VERSE)	Select 1st Verse Play On/Off
APPLAUSE	Make applause sound
RANKING	Open/Close the score ranking table
CN. FONT	Select Simple or Traditional Chinese Letter
Alphabet Keypad	Input Alphabet to search a song on the Song List
A/a	Select Capital or Small Letter
	control at the IR remote sensor and press the buttons.

- RETURN SOURCE REPEAT SETUP INFO EQ MUTE MELODY + + + L/R/ST KEY TEMPO VOLUME CHORUS AUDIO 3 6 5 9 CAN **RES** GENRE-GENRE+ 1 REPLAY 1stRES Α -ALPHABET - PAGE ENTER ▼ Z A-B SUBTITLE ZOOM T/S BGV SEARCH FAV+ LYRIC M/F RUBY F.COLOR В С Α D CN.FONT 1st VER APPLAUSE F G Ε Н Arirang® KA-9200
- Point the remote control at the IR remote sensor and press the buttons.
- Working Distance: about 23ft(7m) from the front of the IR remote sensor.
- Working Angle: about 60° ~ 70° in Left/Right direction of the front of the IR remote sensor.
- Use two AAA size batteries with + and aligned correctly.
- Do not expose batteries to heat or flame.

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Connecting the Player with TV and Amplifier/Receiver



CONNECTION 1(Audio)

- 1. Connect **2CH KARAOKE Audio output** to the Amplifier.
- 2. Connect **5.1CH Analog Audio output** to the Amplifier.
- 3. Connect Coaxial (Digital) Audio output to the Amplifier
- 4. Connect Optical (Digital) Audio output to the Amplifier with optical cable.

CONNECTION 2(Video)

- 1. Connect **HDMI** Out to the TV/Monitor with HDMI Cable
- 2. Connect Composite out to the TV/Monitor with Video Cable
- 3. Connect Component(Y, Pb, Pr) out to the TV/Monitor with component cable(Y, Pb, Pr- not provided)

Connecting with the Master Karaoke CARD

4. Connect the Master CARD of KARAOKE Contents to CARD INPUT of this Machine.

Connecting to the Power Supply

5. Plug the main lead (marked AC Cord on the rear of the player) into an appropriate socket. And the, press the Power button to switch the Player on. The present product can be used under the AC 100~240V~. 50/60Hz

<NOTE>

Before plugging the player into a main socket, you must check the voltage.

KARAOKE

KARAOKE OPERATION

SONG SEARCH with	Press "SEARCH" button to open/close "ON-SCREEN SONG LIST" on the TV or Monitor.		
On-Screen Song List	Fress SEARCH button to open/close ON-SCREEN SONG LIST on the TV or Monitor. ✓ ►: Select LANGUAGE on the Song List.		
(SEARCH)	[Spanish ↔ English ↔ Korean ↔ Favorite etc.]		
(52.111021)	✓ T/S(Title/Singer): Sort the Song List by Song Title or Singer(Artist) Name		
	✓ GENRE -/+: Change the Song List by Song's Genre like All/ Dance/ Ballad/ Cumbia/ Salsa/		
	Meringue/ New Songs/ Medley/ Instrumental		
	✓ ▲ ▼: Move a Song List with line by line.		
	✓ ALPHABET A/Z: Move the Song List by Alphabet Order from A to Z.		
	✓ PAGE UP/DOWN: Move the Song List by Page.		
	✓ NUMERIC(0-9): Input Song Number with Numeric buttons(0-9)		
	✓ ALPHABET KEYPAD: Input Song Title or Singer Name		
	E.g.) It's My Life=→ Input "IML"		
ENTER	Press "ENTER" button to start play or reserve a selected song in queue.		
RES(Reserve)	Press "RES" button to reserve a desired song in Queue on the TV Screen up to 99 songs.		
1st RES((1 ST Reserve)	Press "1st RES" button to reserve a desired song at the first location in Queue.		
CAN(Cancel)	Press "CANCEL" button to remove any reserved song from Queue or remove the Wrong Number		
,	during song number input.		
PLAY/PAUSE	Press "PLAY/PAUSE" button to play the song.		
	Press "PLAY/PAUSE" button to pause the playing music.		
STOP	Press "STOP" button to stop playing music.		
INFO	Press " INFO " button to show the information of current playing song.		
MUTE	Press "MUTE" button to select Mute On/Off during playing song.		
REPEAT	Press " REPEAT " to select the Repeat Mode of music between ONE, ALL, RANDOM and OFF.		
(One/All/Random/Off)	✓ ONE: repeat the current playing song until press stop button.		
	✓ ALL:		
	-In case, some songs are reserved in queue, all reserved songs will be played until press stop		
	buttonIn case, nothing reserved, all songs will be played from the selected song number to the end		
	number until press stop button.		
	✓ RANDOM: All songs in queue will be played randomly. All songs in the storage will be played		
	randomly.		
	✓ OFF: Repeat Off		
MELODY(MIDI only)	Press "MELODY" button to change Melody Effect of MIDI song only.		
CHORUS	Press "CHORUS" button to change the Chorus Volume of Chorus songs.		
TEMPO -/+(MIDI only)	Press 'TEMPO-/+" buttons to play MIDI song quickly or slowly.		
KEY b/#(MIDI only)	Press ' KEY b /#' buttons to match the KEY of MIDI song with your vocal.		
VOLUME -/+	Press "VOLUME-/+" buttons to increase or decrease the Music Volume.		
BGV	Press "BGV" key to change the Karaoke Background Video at stop mode		
LYRIC On/Off	Press "LYRIC" button to open/close the Lyric of MIDI and Chorus Songs on the TV Screen.		
MALE / FEMALE Key	Press "M/F" button to select the MALE/FEMALE KEY of music directly.		
RUBY On/Off	Press " RUBY " button to open/close the Alphabet Pronunciation of the Korean and Chinese Song's		
RUBY On/Off	Lyric.		
RUBY On/Off EQ Control	Press " RUBY " button to open/close the Alphabet Pronunciation of the Korean and Chinese Song's Lyric. Press " EQ " button to select EQ mode between CLASSIC/ JAZZ/ ROCK/ POP/ BALLAD/ DANCE/		
	Lyric. Press "EQ" button to select EQ mode between CLASSIC/ JAZZ/ ROCK/ POP/ BALLAD/ DANCE/ NORMAL.		
EQ Control FONT COLOR Change	Lyric. Press "EQ" button to select EQ mode between CLASSIC/ JAZZ/ ROCK/ POP/ BALLAD/ DANCE/		
EQ Control FONT COLOR Change (F. Color)	Lyric. Press "EQ" button to select EQ mode between CLASSIC/ JAZZ/ ROCK/ POP/ BALLAD/ DANCE/ NORMAL. Press "F.COLOR" button to change the Font Color of Lyrics.		
EQ Control FONT COLOR Change (F. Color) 1st VERSE On/Off	Lyric. Press "EQ" button to select EQ mode between CLASSIC/ JAZZ/ ROCK/ POP/ BALLAD/ DANCE/ NORMAL.		
EQ Control FONT COLOR Change (F. Color) 1st VERSE On/Off (1st VER)	Lyric. Press "EQ" button to select EQ mode between CLASSIC/ JAZZ/ ROCK/ POP/ BALLAD/ DANCE/ NORMAL. Press "F.COLOR" button to change the Font Color of Lyrics. Press "1st VER" button to select the 1st Verse play On/Off option.		
FONT COLOR Change (F. Color) 1st VERSE On/Off (1st VER) APPLAUSE	Lyric. Press "EQ" button to select EQ mode between CLASSIC/ JAZZ/ ROCK/ POP/ BALLAD/ DANCE/ NORMAL. Press "F.COLOR" button to change the Font Color of Lyrics. Press "1st VER" button to select the 1st Verse play On/Off option. Press "Applause" button to get clapping sound effect at stop mode.		
EQ Control FONT COLOR Change (F. Color) 1 st VERSE On/Off (1 st VER) APPLAUSE RANKING	Lyric. Press "EQ" button to select EQ mode between CLASSIC/ JAZZ/ ROCK/ POP/ BALLAD/ DANCE/ NORMAL. Press "F.COLOR" button to change the Font Color of Lyrics. Press "1st VER" button to select the 1st Verse play On/Off option. Press "Applause" button to get clapping sound effect at stop mode. Press "RANKING" button to open/close the Score Ranking display.		
EQ Control FONT COLOR Change (F. Color) 1st VERSE On/Off (1st VER) APPLAUSE RANKING CN. FONT	Lyric. Press "EQ" button to select EQ mode between CLASSIC/ JAZZ/ ROCK/ POP/ BALLAD/ DANCE/ NORMAL. Press "F.COLOR" button to change the Font Color of Lyrics. Press "1st VER" button to select the 1st Verse play On/Off option. Press "Applause" button to get clapping sound effect at stop mode. Press "RANKING" button to open/close the Score Ranking display. Press "CN. FONT" button to switch the Chinese Font of Lyrics between Simplified and Traditional.		
EQ Control FONT COLOR Change (F. Color) 1 st VERSE On/Off (1 st VER) APPLAUSE RANKING	Lyric. Press "EQ" button to select EQ mode between CLASSIC/ JAZZ/ ROCK/ POP/ BALLAD/ DANCE/ NORMAL. Press "F.COLOR" button to change the Font Color of Lyrics. Press "1st VER" button to select the 1st Verse play On/Off option. Press "Applause" button to get clapping sound effect at stop mode. Press "RANKING" button to open/close the Score Ranking display.		

KARAOKE

KARAOKE OPERATION

FAV+:	You can create your FAVORITE SONG LIST from GROUP 1 to 10(0). Each group holds up to 50		
Favorite song saving	songs. Totally 500songs.		
	[How to save your favorite song on the favorite song list?] ✓ Press "SEARCH" button and select a desired Song on the Song List. ✓ Press "FAV+" + "NUMBER" button between 0 and 9 to save into the selected favorite group. (E.g, "ABC" is your favorite song, if press "FAV+"+"1", it will be saved into the FAVORITE GROUP #1) ✓ If press "FAV+" + "RESERVE" + "NUMBER" button between 0 and 9, all reserved song in queue will be saved into a selected favorite group at one time.		
	 [How to cancel or delete your favorite song from the favorite song list?] ✓ Press "SEARCH" button and select "FAVORITE" Song list and select a song to delete from the Favorite Song List. ✓ Press "FAV+" + "CAN(Cancel)" button to delete a song one by one from the Favorite Song list ✓ Press "FAV+" + "0" to delete all songs in one favorite group at one time. 		
GREETING	You can write your own greeting message in 2 lines to display on the monitor.		
MESSAGE INPUT	① Enter the Karaoke Setup with "SETUP" button.		
	② Input Password(4Digit)→Select GREETING DISPLAY→Select ON→Select EDIT		
	③ Write your own greeting message in 2 lines		
	E.g) Line 1: Happy Birthday Mommy!		
	Line 2: I love you forever!		
	Click "OK" to confirm and exit Karaoke Setup mode		
	⑤ If you want to change the greeting message, click "CANCEL" and rewrite the message and click "OK" to confirm.		
	6 If you want to write the default greeting message, click " DEFAULT " and exit Karaoke Setup mode. The default greeting message is " Thanks for using KA9200 Karaoke Player! "		
UPDATING OF NEW	You can update new songs with "New Song Data USB" into "the master SD CARD";		
SONG	① Please contact us to get the "New Song Data USB".		
	② Connect "New Song Data USB" to this player and turn on the power of the player.		
	When " Do you want to update new songs? Yes / NO " message was shown on the TV Screen automatically, select " YES " or " NO " to start or cancel Updating of New Songs into the master SD CARD.		
	When Song Updating was done, "Finished Song Update" message will be shown on the TV Screen automatically, and then press "ENTER" to confirm.		
	⑤ Please check the updated new songs on the Song List after re-booting.		
	6 If there were no problem with all updated new songs, please remove the New Song Data USB from this player.		
	The square of		

KARAOKE

KARAOKE SETUP

Press "SETUP" button at stop in Karaoke Mode and input "4digit password(Default P/W is "0000")" to enter the Karaoke Setup Mode entirely.

Mode entirely.	
SCORE CHECK	 ✓ OFF: The machine not checks the score and not display the score on the Screen. ✓ RANDOM: The machine not checks the score and just display any score randomly after finishing of each song. ✓ MIC. INPUT: The machine check the score according to the Micro Phone's sound input and display the right score after finishing of each song.
MINIMUM SCORE	Low(70)/ Middle(80)/ High(90)
SCORE DISPLAY TIME	2 seconds/ 4seconds/ 6seconds
	✓ OFF: When you got the score after singing, the greeting sound not comes out.
FANFARE	
DANIZIO TADI E	or which you got the store with singing, the growing sound comes out
RANKIG TABLE	 ✓ OFF: The machine will not display the score ranking table after singing. ✓ 2/4/6SECOND: The machine displays the score ranking table of each singer from No.1 to 10 for 2, 4 or 6 seconds.
CHINESE SONG	Off (Default): The machine cannot use all Chinese and Japanese Songs. On: The machine can use all Chinese and Japanese Songs.
CHINESE FONT	Simplified(Default)/ Traditional
PACKOPOLIND VIDEO	/ ATMO/DOMA 0 TH 1' 1 4 W 1 '4 ' DOW 1' 1
BACKGROUND VIDEO	✓ AUTO/BGV1~8: The machine plays the Karaoke songs with various BGV clips and you can select one BGV.
GREETING DISPLAY	 ✓ OFF: The machine will not display any greeting message. ✓ ON: The machine will display the greeting message on the monitor at stop mode. ✓ Edit: You can write your own greeting message in 2 lines to display on the monitor. -Line 1/ Line 2: Write your own greeting message in 2 lines -OK: Click "OK" to confirm -Cancel: Click "Cancel" to cancel the written message. -Default: Click "Default" to input the default greeting message.
LYRIC COLOR	✓ AUTO(Default=RANDOM): The color of Lyric will be changed randomly.
LIME COLOR	✓ Other 11 types: This unit will display the Lyric with one selected color.
	Other 11 types: This unit will display the Lyffc with one selected color.
LYRIC ALIGNMENT	 ✓ LEFT/RIGHT (Default): The first line of Lyric fit to the left side of screen and the second line of Lyric will fit to the Right side of screen. ✓ CENTER: Both Lyric lines displayed at the Center of bottom screen.
LYRIC SHADOW	✓ OFF (Default) : The machine display the Lyric without shadow.
	✓ ON: The machine display the Lyric with shadow(Semi transparency Black)
BACKGROUND MUSIC	 ✓ OFF: The machine will not play BGM at stop mode. ✓ All (Default)/ Continue/ Dance/ Ballad/ Cumbia/ Salsa/ Meringue/ New Song/ Medley/ Instrumental: Select one option. The machine will play BGM at stop mode.
BGM VOLUME	✓ 25%/50%/75%/100%
COUNT DOWN	 ✓ OFF (Default): The machine will not display the Count Down(4-3-2-1) before starting of the song's lyric. ✓ ON: The machine will display the Count Down(4-3-2-1) before starting of the song's lyric.
COIN MODE	OFF: The Coin function not works Credit Song: You can get Credit Song per Coin Unit. ✓ COIN UNIT: 1/2/3/4 Coin You can select the coin unit option to give a credit to customer. ✓ COIN CREDIT SONG: 1/2/3/4 Song When selected "Credit Song" option, you can select one of "COIN CREDIT SONG" option according to above "COIN UNIT" setting. Credit Time: You can get Credit Time per Coin Unit. ✓ COIN UNIT: 1/2/3/4 Coin You can select the coin unit option to give a credit to customer. ✓ COIN CREDIT TIME: 3/5/10/15 Minute When selected "Credit Time" option, you can select one of "COIN CREDIT TIME" option according to above "COIN UNIT" setting.
DIGIT KEY SOUND	OFF: Whenever input song number, the machine will not make number sound ON: Whenever input song number, The machine will make number sound
PASSWORD CHANGE	Change: you can change Setup Password. ✓ Old Password:**** (4 digit) ✓ New Password:**** ✓ Confirm Password:****

MEDIA(Movie, Music&Photo) PLAY

MEDIA PLAY OPERATION

You can play your favorite Movie, Music and Photos on this unit.

RETURN	Press "RETURN" button to go out to HOME MENU.	
SOURCE	Press "SOURCE" button to select the source drive between USB and CARD.	
	Press "▲▼ ▼ ▶" button to navigate the File/Folder.	
PAGE ▲/▼	Press "PAGE ▲/▼" button to move the File List to upper or next page.	
NUMERIC(0~9)	Press NUMERIC (0-9) buttons to select a File/Track number to play.	
	E.g) File Number is 123, Press 1-2-3 to start play.	
ENTER	Press "ENTER" to confirm the desired menu.	
▶II	Press "It to play a desired file/track.	
	Press "►II" to pause the playback during playback. To return to normal playback, press "►II".	
STOP(Press "STOP" key to end playback.	
 	skip to the previous track or file	
	► skip to the next track or file	
44/ >>	◄ : 2X, 4X, 8X, 16X, Normal Play to back	
	>>: 2X, 4X, 8X, 16X, Normal Play to forward	
VOLUME(-/+)	Press "Volume -/+" to decrease or increase the sound volume.	
REPEAT	Press "REPEAT" to play a chapter, track, title, entire Folder repeatedly.	
INFO	Press "INFO" button to show all information of the current file and playback. You can also select other	
	Chapter, Time, Audio and Subtitle in this mode.	
EQ	Press " EQ " to change the EQ Effect.	
L/R/ST	Press "L/R/ST" button to select Audio Channel such as Mono L, Mono R and Stereo	
AUDIO	Press "AUDIO" button to change the Audio Track.	
A-B	During play a Music or Movie, press "A-B" button at the point (A) where the repetition will start. Press	
	"A-B" button again at point (B) where the repetition will end. Then the player will play from point (A) and	
	(B) repeatedly until press "A-B" or "STOP" button.	
SUBTITLE	Press "SUBTITLE" button to go to Subtitle selection mode.	
GOTO	Press "GOTO" button to go to TIME Search mode	
ZOOM	Press " ZOOM " button to zoom in/out the Screen at 1/2X-1X-2X-4X-8X.	
SLOW	Press " SLOW " button to play the file slowly at 1/16X-1X.	
N/P	Press "N/P" button to change Video Output Mode.	
MUTE	Press "MUTE" to disable and enable the sound output.	
SETUP	Press "SETUP" to enter or exit Setup mode.	

SETUP

VIDEO	TV System	PAL/NTSC/AUTO(Default)
VIDEO	Output Component	RGB(SCART)/YCBCR(Default)
	YCbCr/HDMI Resolution	AUTO(Default)/480(576)/480P/720P/1080i/1080P
	Aspect Ratio	4:3Pan Scan/ 4:3 Letter Box/ 16:9 Normal (Default)/16:9 Wide
	HDMI 1080P 24Hz	ON/OFF(Default)
	HDMI Color Setting	Auto(Default)/YCBCR/RGB
		,
	HDMI Deep Color	Auto/8Bit(Default)/10bit/12Bit
	Black Level Enable	ON/OFF ON/OFF
	PIC Full Color Range	
	Brightness	0~12
	Contrast	0-12
	HUE	-6~+6
	Saturation	0~12
LANGUAGE	Menu Language	English/Simplified Chinese/Traditional Chinese /French /German
		/Portuguese/Japanese/Korean/Indonesian/Russian/Thai/Arabic
	Disc Audio	French / German / Portuguese / Japanese / Korean / Indonesian / Russian / Thai
		/Arabic /Default
	Disc Subtitle	French / German / Portuguese / Japanese / Korean / Indonesian / Russian / Thai
		/Arabic /Off
	Disc Menu	French /German /Portuguese /Japanese /Korean /Indonesian /Russian /Thai
		/Arabic /Default
AUDIO	SPDIF	PCM2CH/RAW/OFF
	HDMI	PCM2CH/RAW/OFF
	Down Sampling	48KHz/ 96KHz/ 192KHz
	Surround	Concert/Church/Passive/Wide/Live/Off
	EQ	Standard/Classic/Rock/Jazz/Pop/Off
	DRC	On/Off
	Karaoke	Echo 0~8/ Key Shift -6~+6
	MIC Setup	Auto/Off
SPEAKER	Down Mix	Multi-Channel/ Stereo/ LtRt
	GM5	Movie/ Music/ Off
	Size	Front-Large/Small
	Size	Center-Large/Small/Off
		Surround-Large/Small/Off
		Subwoofer-On/Off
	Distance	Front-1~6m
	Distance	Center-1~6m
		Surround-1~6m
		Subwoofer-1~6m
	Level	Front30/-25/-20/-15/-10/-5/0dB
	Level	Center30/-25/-20/-15/-10/-5/0dB
		Surround30/-25/-20/-15/-10/-5/0dB
	Tast Tas	Subwoofer30/-25/-20/-15/-10/-5/0dB
DADENTEAT	Test Tone	White/Pink/Off (D. C. H. (2000)) No. (No. if the second s
PARENTAL	Password	DDDD(Default-"9999") - New DDDD/ VerifyDDDD
GY/GEE? 5	DVD Rating	Unlock/ 8-Adult(Default)/7-NC17/ 6-R/ 5 / 4-PG-13/3-PG/ 2/ 1-G
SYSTEM	HDMI Auto Link	ON/OFF
	Power on Resume	ON/OFF
	Screen Saver	ON/OFF
		1 4000/ (70 0 1) 1000/ 1000/ 1040/ 1000/
	Screen Fit	100%(Default)/ 98%/96%/94%/92%
	Skin	Background1(Default)/ Background2

TROUBLE SHOOTING

No power	Insert the AC power plug securely into the power outlet and press "Power" button on the front panel.
Unable to recognize USB or CARD device	In case, "NO DISC" message appears on the display, enter SETUP → SYSTEM/INITIALIZE/FACTORY DEFAULT SET and all settings will return to the default values. Pull out USB or CARD device and re-connect to the player correctly. Check if the CARD reader cable is plugged in correctly. Please reboot the system.
Play fails to start even when PLAY is pressed.	Condensation has formed: wait about 1 to 2 hours to allow the player to dry out.
Play starts but then stops immediately	Ensure that CARD or USB were installed correctly.
No Picture	Ensure that the equipment is connected properly. Ensure that the input setting for the TV is "Video"
No sound	Ensure that the equipment is connected properly.
Distorted sound	Ensure that the input setting for TV and Amplifier are correct.
	Ensure that MIDI Karaoke Sound comes out from Audio L/R port only.
Picture is distorted during fast forward or fast	The picture will be somewhat distorted at times: this is normal.
reverse.	Check the video format if it was a supported format on this unit
No 4:3(16:9) picture	Choose the correct setup "TV" item which matches the TV set used.
No operations can be performed with the remote	Check batteries are installed with the correct polarities (+and-).
control.	Batteries are depleted: replace them with new ones.
	Point the remote control unit at the remote control sensor and operate.
	Operate the remote control unit at a distance of not more than 7 meters (23feet) from the remote control sensor.
	Remove obstacles between the remote control unit and remote control sensor.
No key operation (by the unit and/or the remote	Please reboot the system.
control) is effective.	Please contact to the service center
Microphone does not work.	Check if the microphone is switched ON. Check if the Microphone volume of the Player and or Amplifier is fixed at the minimum
	level and adjust it.
	Check if the microphone is detective. If so, exchange it.
When using the microphone, the speaker makes a	Keep the microphone far from the speaker. Do not place it toward the speaker either.
noise.	Recep the interophone fai from the speaker. Do not place it toward the speaker either.
Scoring has no function	Check the Microphone Input Signal Cable was connected between the Unit and Amplifier correctly
	Enter KARAOKE SETUP → SCORE CHECK→ select MIC INPUT.
	Please sing each song with enough voice output level for over 1 minute at least.
On-Screen Song List not displayed or only partially displayed on the TV Screen.	Select the appropriate TV Screen type by consulting the operating manual for the TV.

SPECIFICATION

Supported Format	Video Format: H.264(MKV), MPEG4(MP4), Divx/XviD(AVI), MPEG1(MPG, DAT), MPEG2(VOB), TP, TS, JPEG Audio: MIDI, AC3, DTS, MP3(up to 320Kbps) Resolution: Full HD 1920 x 1080p
System	TV System: PAL/NTSC/Auto System
Video Output	Composite, Component(Y, Pb, Pr), HDMI Output
Audio Output	Karaoke Audio Output: 2CH Output Analog Audio Output: 5.1CH Output Digital Audio output: Optical, Coaxial, HDMI Output
Input	Score In: 1EA Coin In: 1EA Card reader: 1EA, support up to 128GB USB: 1EA (support up to 2TB with FAT32).
Others	Power source : AC 100-240V~ 50/60Hz Power consumption : <15W Operating temperature : +5° ~+38°(41°F to 95°F) Operating Humidity: 10% ~ 75%