tj TJ media

It's real sound!

TJ media

TKR-304P manual

- Make sure to read warning and instruction for proper use.
- Read out the instruction for use carefully from first to last to use this unit properly.
- Keep this instruction in a convenient place for further reference.
- Music and videos in the accompaniment can be added, changed or deleted without notice for the quality improvement or by the request of copyright holder.
- The secondary copyright in music and videos in the accompaniment belonging to TJ media cannot be assigned, copied or distributed to the third party.

The AD in the accompaniment can be added, changed or deleted without notice.

Up to date accompaniment function -

HDD Based Multimedia Karaoke **TKR-304P**

Ready to Enjoy?
Acoustic Real-Sound Brand New Premium HDD Karaoke.

HD Visual Display Installed
Loaded with the first 1080i HD solution system of its kind, the advanced HD visual quality is superior to previous SD visuals and the HD specific graphics and subtitles display clearly on screen.

Equipped with the best musical selection and sound system developed by TJ media
Enhanced sound quality of music using new and improved MIDI synthesizer with MP3 audio sound.

Includes Microphone Compressor Function
This newest function converts low voice volume into higher and clearer sound as well as converts overly loud voice volume into lower volumes. Therefore, you can enjoy singing with more ease and stability.

Recording & Downloading
Record and download songs to USB memory.

Built-in User Memory : 100GB
Do-it-yourself personalize photo, video & new songs.

Licensed Contents
Licensed songs & video.

Smartcard Technology
Easy to carry & convenient authentication.
Built-in card reader device.

Characteristics

Safety

Connection

Configuration

Others

Quality certificate and consumer compensation

> Instruction for safety divides into "Warning" and "Caution".
> Warning and Caution have following meanings.

⚠ This sign calls attention to dangerous matters and operations.

⚠ Warning : It may cause serious damage and death, if violated.

⚠ Caution : It may cause light damage if violated.

⚡ Danger for electric shock.   🔥 Danger for fire.

⚠ Warning

▶ Do not pull power supply code or remove sheath.
 · It may cause fire or electronic shock.
▶ Ask the shop to change damaged code (exposure or cut).
 · When installing, consider ventilation to keep certain distance from wall.
 · It may cause fire by internal temperature increase.
 · Leave over 10cm from wall, 2 cm from upper side and 5cm from rear side.
▶ Use assigned voltage.
 · It may cause fire or electronic shock.
▶ Do not use in the bath or external area where easy water infiltration is made.
 · It may cause fire or electronic shock.
▶ Do not connect DC supply in ship etc.
 · It may cause malfunction or fire.
 · If you change power supply for special place installation, it may cause fire or electronic shock.
▶ Connect grounding into terminal.
 · No attachment or unstable attachment may cause fire or electronic shock.
 · It may cause electronic shock by other units. (monitor, amp and microphone)
▶ Do not use it in the poor ventilation like on carpet or blanket.
 · It may cause fire by internal temperature increase with duct blocking.
▶ If any smell or smoke, pull off power supply and contact shop.
 · It may cause fire, electronic shock and injury.
▶ If any foreign substance in the unit, pull off power supply and contact shop.
 · It may cause fire or electronic shock.
▶ If heavy thunder, turn off switch and pull off plug.
 · It may cause trouble, fire and electronic shock.
▶ Do not disassemble or remove cover.
 · It may cause electronic shock and injury.
▶ Use 100V~240V only.
 · It may cause fire or electronic shock.
▶ Do not put clip or metallic object inside the unit.
 · It may cause trouble, fire and electronic shock.
▶ This unit is designed for use in Korea only.
 · Do not connect DC supply in ship etc. It may cause malfunction or fire.
▶ Do not open cabinet. Contact shop for maintenance, repair and other services.
 · We are not responsible for any quality and performance if you open the cabinet.
▶ Keep away from children.
 · If a child swallows it, contact medical doctor.
▶ Do not recharge battery.
 · It may cause fire by leaking liquid.

⚠ Caution

▶ Pull off plug to clean the unit for safety.
 · It may cause accident or electronic shock.
▶ Do not pull off forcefully, but pull off while gripping code.
 · If line is cut, it may cause fire or electronic shock.
▶ Connect power plug in a socket with grounding.
 · It may cause fire or electronic shock.
▶ Remove plug from socket if it is not used for long-term.
 · It may cause accident.
▶ In moving the unit, grip bottom firmly and keep horizontal.
 · It may cause damage.
▶ Do not touch plug or unit in a wet hand.
 · It may cause electronic shock.
▶ Use it in a well ventilated place.
 · It may cause electronic shock.
▶ Do not use in humid place.
 · It may cause electronic shock.
▶ Do not place it in a dust place.
 · It may cause fire or electronic shock.
▶ When connecting it to other devices (monitor, accompaniment, and microphone), remove plug from socket and connect.
 · It may cause trouble or accident.
▶ When moving it, remove all codes to prevent any damage.
 · Code damage may cause fire or electronic shock.
▶ Do not put things on the unit or seat on it.
 · It may cause deform or trouble.
 · It may cause injury, fire or electronic shock.
▶ Do not install it near heating place like cooking counter or humidifier.
 · It may cause fire or electronic shock.
▶ Use designated code in case of connecting it to other device.
 · Undesignated code or extended code may cause burn, fire or electronic shock.
▶ Before connecting it to other devices (monitor, accompaniment, speaker & microphone), minimize master volume sound.
 · It may cause hearing trouble by sudden high sound.
▶ Do not use chemicals like wax, benzene, alcohol, thinner, repellent, air freshener, lubricant or detergent.
 · It may cause peel of paint or deform.
 · Do not put under direct light or spotlight or near heating devices.
 · It may cause fire or electronic shock.
▶ Be careful of packing handling in delivery, opening and disposal.
 · It may cause injury or cut your hand.
▶ Do not put liquid containers on the unit like pot, flower pot, cup, cosmetics and chemicals.
 · It may cause fire or electronic shock.

· Do not use mobile or wireless device near to this unit to prevent any interfere by electronic wave.
· Remove foreign substance on the surface using cloth with neutral detergent, and wipe off with dried cloth.
· Do not lean or do not use reverse.
· Do not put liquid containers on the unit like pot, flower pot, cup, cosmetics and chemicals.
· Do not use the following conditions. [Temperature : 5~35°(In use) /Humidity : 45~80%]
· In cold winter, it may not work due to inside freezing. Remove plug from socket and leaver 1-2 hours before use. Increase room temperature gradually.
· It may freeze the unit if it is contacted air conditioner wind directly. Relocate and install it.

What is grounding?

Connect ground wire to ground terminal.
If it is improperly installed, it may cause electronic shock or malfunction of device.
It is highly dangerous of electronic shock by other devices (monitor, accompaniment and microphone)

It is basic safety device for electronic goods.
If it is improperly installed, it may cause electronic shock or malfunction of device. Therefore, keep perfect grounding.
Improper grounding may cause overload, and troubles to device.
Thus, it disables circuit breaker that may cause electronic shock accident by improper movement of breaker.
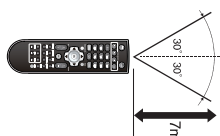It is particularly dangerous in heavy humidity like rain.
If rapid voltage change (billions V) by lightening, it may cause fire, damage and life damage.

CAUTION

This product is AC 100V~240V free voltage.
Do not open cover. Otherwise, it may cause electronic shock or fire.
Use proper voltage and proper fuse. Otherwise, it may cause fire.

Use remote control to the recipient part firmly.
Remote control can be used within 7m with 30°.
Beyond this scope, it may not work.

Caution to use remote control

Do not drop off. It may cause damage or deform.
Be careful not to contact heat or water. It may cause damage or deform.

Caution to use battery

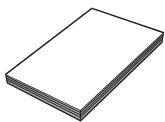1. Insert "AAA" battery with proper electrode.
2. Remove battery from remote control if it is not use for a long time.
   Leaking liquid may cause corrode circuit.
3. If remote control is not properly operated, change two new batteries.

Check accessories and Optional Items

Accessories

MANUAL	INDEX	2 Batteries (For Remote control)	User's remote controller
1 power supply code	2 sound cable (RCA to RCA)	1 video cable	1 grounding cable

Optional Items

Manager's remote controller	Customer's remote controller	HDMI cable	External remote controller sensor

Name of each part (front)
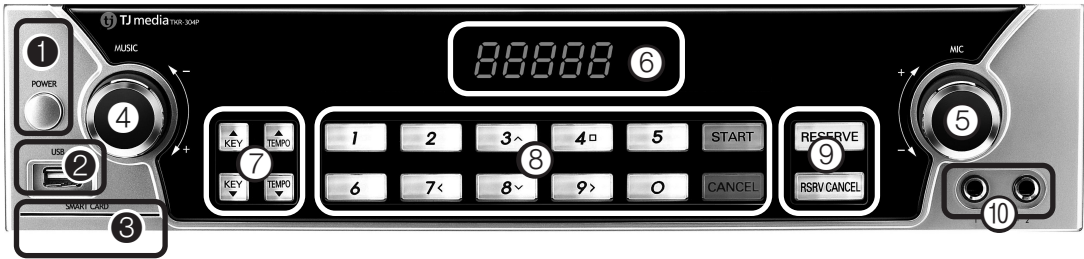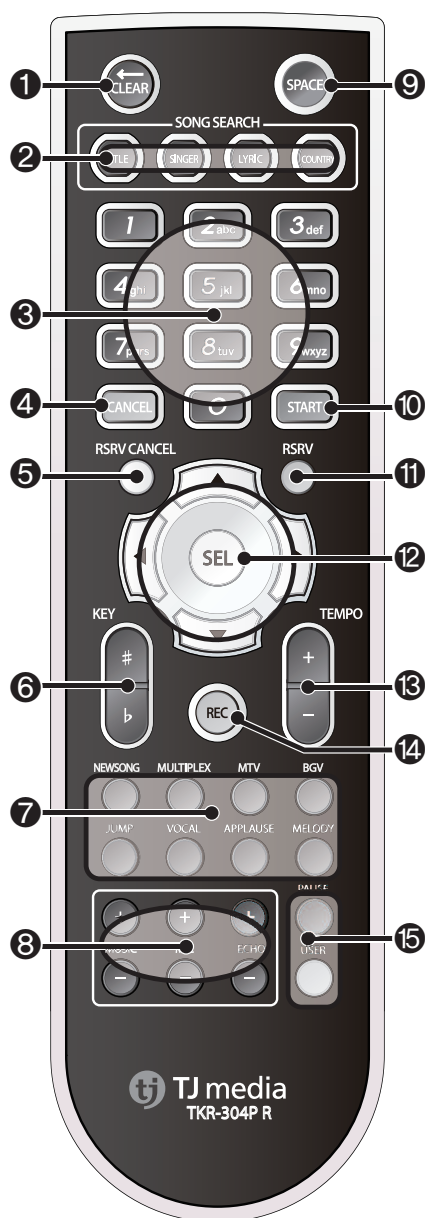

❶ Power	System power ON/OFF control.
❷ USB	For Customers : Save recorded songs to USB and play saved MP3 files. For Installation : Input new songs via USB.
❸ Smart card	Slot to insert smart card used for authenticating the machine.
❹ Music volume	Control the volume of the music.
❺ Mic volume	Control the volume of the microphone being used.
❻ Display window	Displays the playing song number.
❼ Key, Tempo	When control a key : Control a key of a playing song. When control tempo : Control speed of playing a song.
❽ Selected number input, Start / Cancel	Number input function : Select number of a song to play. Direction key function : Used as direction key at configuration or etc of the karaoke. Start : Start playing a selected song / Cancel : Cancel a playing song.
❾ Reservation, Reservation cancel	Reservation : Reserve a song to be playing. Reservation cancel : Cancel a reserved song.
❿ 1 - MIC - 2	Connect to microphone.(Only 600 Ω Impedance Type/55 Jack)

Name of each part (rear)
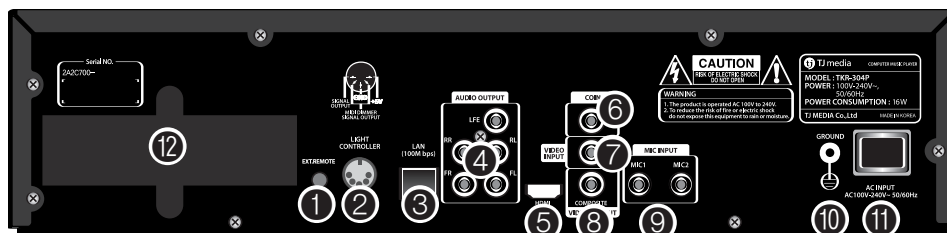
❶ Ext.remote	External remote controller sensor terminal.
❷ Light controller	Connect to temporal light device, midi dimmer, light equipment.
❸ LAN (100Mbps)	A/S terminal.
❹ Audio output	Connected to a Audio INPUT terminal of an amplifier.
❺ HDMI	Digital visual output terminal for HD Visuals.
❻ Coin	Use in interoperation with an exterior controller like a communication general-controllers etc.
❼ Video input	Exterior video equipment input terminal connected to other video players like DVDP, LDP, VCDP, VTR except own videos of the karaoke.
❽ Video output	Composite : Analog visual output terminal for SD Visuals.
❾ Mic input	Connect to microphone.(Only 600 Ω Impedance Type/55 Jack)
❿ Grounding	Connect to ground of a wall socket or ground terminals of each equipments.
⓫ AC input	Supply AC 100~240V free voltage with a power cord.
⓬ HDD	3.5" HDD case used for HDD returns or exchanges.

Function of remote controller(TKR-304P R)

USER MANUAL

Connection

❶ Clear	Delete the previous letter.
❷ Song search	Select the Song Search button (for TITLE, SINGER, LYRICS,COUNTRY) on the remote control and the search results will be displayed on the screen.
❸ Number	Press number buttons to input song numbers.
❹ Cancel	Press to stop the song.
❺ Reserve cancel	Cancel a reserved song.
❻ Key	Micro control by single key step from a male or female standard key.
❼ Convenient extra function	NEW SONG : Display a list of the latest songs. MULTIPLEX : Display multiplex song list. MTV : Display MTV song list. BGV : Set background screen to desired visuals to be displayed during songs. JUMP : Jump prelude or interlude of a playing song. VOCAL : Set Vocals Assist-Vocals ON-Vocals OFF. APPLAUSE : Create a mood with applause effect. MELODY : Select volume of melody playing.
❽ Echo, Mic, Music	Control volume of accompaniment, microphone and echo.
❾ Space	Skip one space from previous letter.
❿ Start	Press to start a reserved song or a song after inputing numbers.
⓫ Reserve	Reserve a song to play.
⓬ Sel / Direction move	Move up, down, left, right in the list or display function.
⓭ Tempo	Control speed of playing songs.
⓮ Rec	Users can record a song and hear it.
⓯ Pause / User	Pause : Users can pause a song. User : Users can play MP3 songs or video and insert photos or video for background visual by using a USB memory stick.

Function of customer's remote controller (Optional Items)

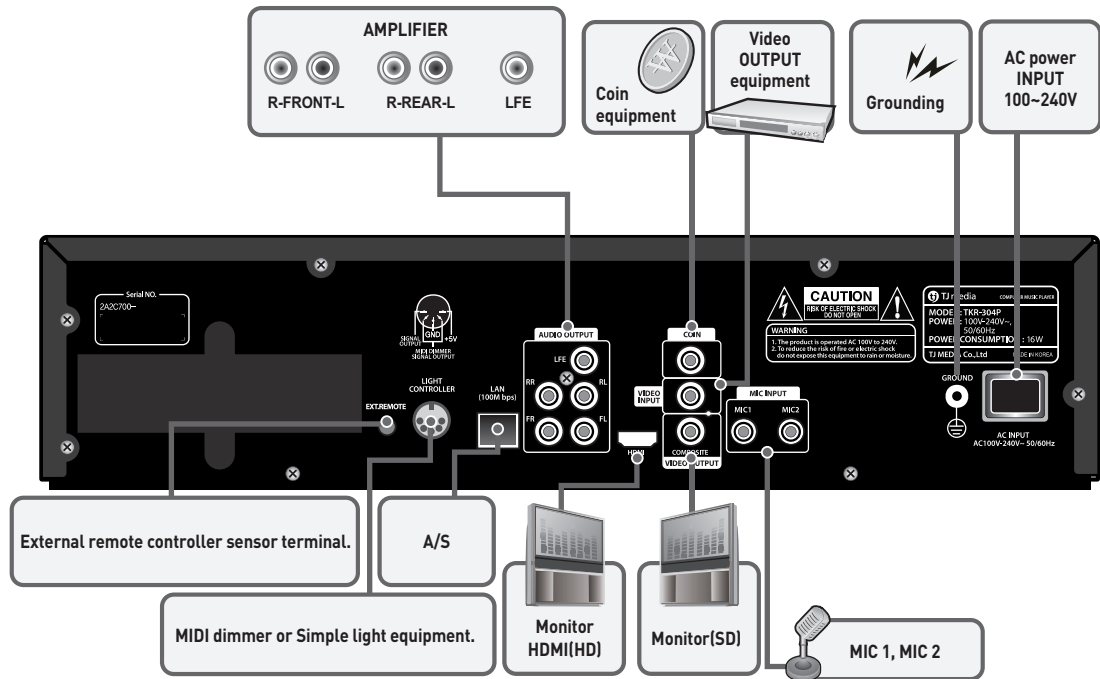|	
❶ Key, Tempo, Melody	Key : Micro control by single key step from a male or female standard key . Tempo(speed) : Control speed of playing songs. Melody : Select volume of melody playing.
❷ Music , Mic, Echo	Control volume of accompaniment, microphone and echo. Available when TJ smart communication amplifier is connected.
❸ Skip ◀◀ . ▶▶ ,Interlude, Verse	Skip ◀◀ : Jump a tune of a playing song backward. Skip ▶▶ : Jump a tune of a playing song. Interlude : Jump prelude or interlude of a playing song. Verse : Jump next verse of a playing song.

❹ Convenient extra function	NEW SONG : Display a list of the lastest songs. MULTIPLEX : Display multiplex song list. MTV : Display MTV song list. VOCAL : Set Vocals Assist-Vocals ON-Vocals OFF. MALE / FEMALE : Male, female key selection. RHYTHM : Change a playing rhythm into disco, techno, jitterbug, cha-cha-cha rhythm. APPLAUSE : Create a mood with applause effect.
❺ Number/ Start/ Cancel	Number : Press number buttons to input song numbers. Start : Press to start a reserved song or a song after inputing numbers. Cancel : Press to stop the song.
❻ Direction move/ Selection, Page move, Bgv, Rec, User	Direction move/ selection : Move up, down, left, right in the list or display function. page move : Move a page in list function. BGV : Set background screen to desired visuals to be displayed during songs. REC : Users can record a song of them and hear it. User : Users can play MP3 songs or video and insert photos or video for background visual by using a USB memory stick.
❼ Reserve, Pause, Prior reserve, Reserve cancel, Reserved view	Reserve cancel : Cancel a reserved song. Reserve : Reserve a song to play. Prior reserve : Reserve a song to play prior to other reserved ones. Reserve view : Display a list of reserved songs.(Users can select and cancel a reserved song from the list of reserved songs or cancel the song after inputing song numbers) Pause : Users can pause a song.
❽ Search songs	Korean/English search possible. Users can search songs by title, singer, first lyric and country. User can directly search inputting with alphanumeric keypad by singer and title.

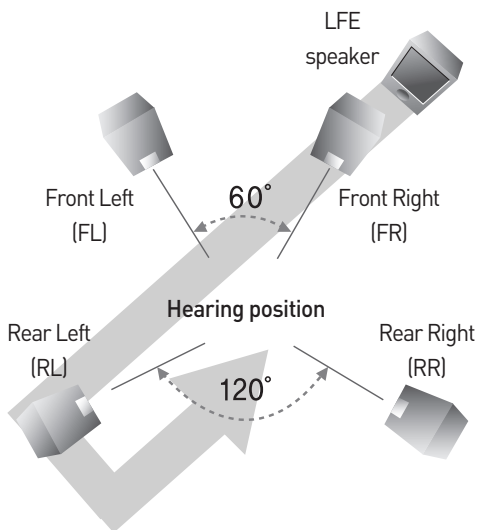## Manager's remote controller function (Optional Items)

❶ Time/Coin	Input time by 30min, 60min and 120min Coin, Input coin by 10, 20, 30 and 40.
❷ Setting	Enter configuration menu.
❸ Score control	Enter a score control menu of configuration menu.
❹ Number	Input password, time and coin.
❺ Bonus	Input bonus.
❻ Time/Coin	Deduct time or coin.
❼ Secret number	Used to change password of configuration.
❽ Cancellation	Used to cancel a configuration menu or come out after completion.
❾ Volume control	Control a playing volume by 4 steps.
❿ Direction move	Used to move up, down, left and right in a configuration menu.
⓫ Input	Used to input a shop name, modify configuration and start genre continuity.
⓬ Amendment	Used to update the period of certification.

Connection to amp/speaker and external device

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AMPLIFIER
R-FRONT-L    R-REAR-L    LFE
```

Coin equipment

Video OUTPUT equipment

Grounding

AC power INPUT 100~240V

External remote controller sensor terminal.

A/S

MIDI dimmer or Simple light equipment.

Monitor HDMI(HD)

Monitor(SD)

MIC 1, MIC 2

Proper setting of 4.1 channel

LFE speaker

Front Left (FL)   60°   Front Right (FR)

Hearing position

Rear Left (RL)   120°   Rear Right (RR)

To listen lively sound of an accompaniment similar to one of a concert hall by enhancing realism and magnificence.

- Front L, R speaker : Setting as 60 degrees from a center of hearing position.
- Rear L, R speaker : Setting as 120 degrees from a center of hearing position.
- LEF speaker : Setting below a front right speaker.

If a LFE speaker is installed in front center, sound from a LFE speaker can be destructed by sound reflected from a wall so that base effect could be disappeared.
Please, remove it at setting time.
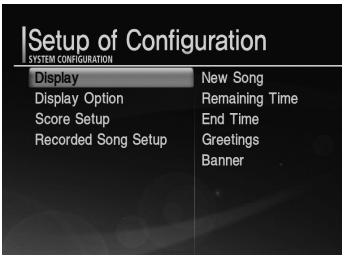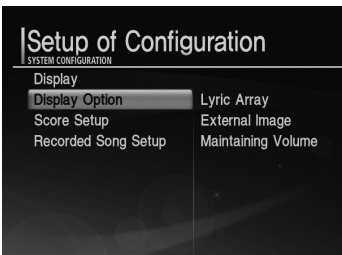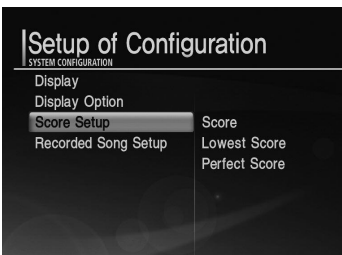
Setup of Configuration :

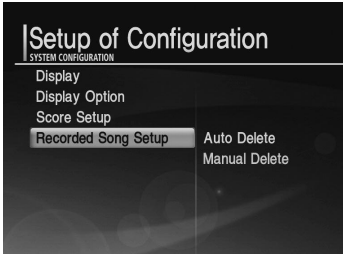Either press the SETTING button on the Manager's remote controller or press the machine RESERVE and 1 button simultaneously.

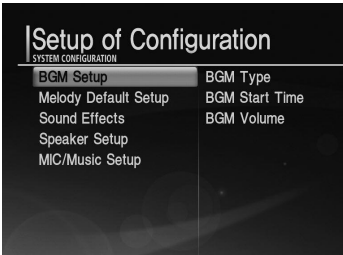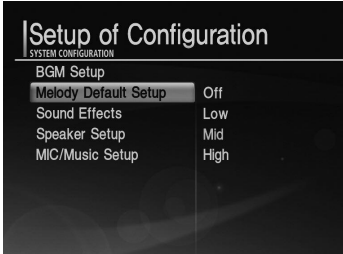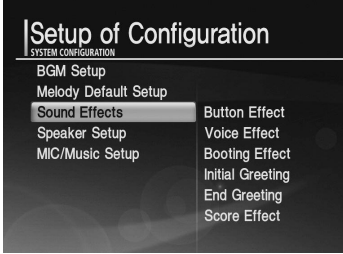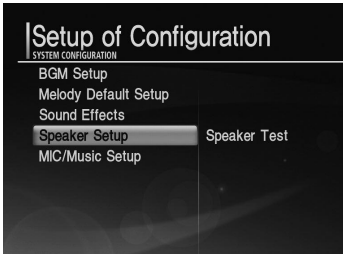[The start up password for the product is 1111]

> If you change configuration condition, you may enter configuration by entering password again.
> If you forget password, you may have to send a unit to customer center. So, please remember password without fail.
> In case of forgetting password, please contact installing company and management company.
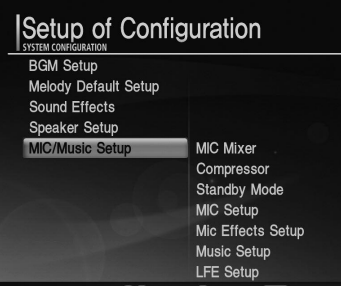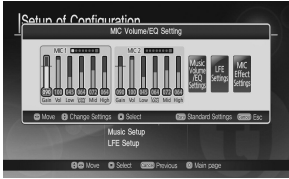
1. Karaoke operation status
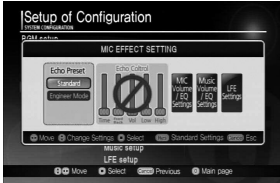
STEP 1		STEP 2	Description	Standard Setting
Display	Setup of Configuration SYSTEM CONFIGURATION Display — New Song Display Option — Remaining Time Score Setup — End Time Recorded Song Setup — Greetings Banner	New Song	Choose to either display or hide the list of new songs from the screen at waiting status.	ON
		Remaining Time	Choose to either display or hide the remaining time from the screen.	ON
		End Time	Choose to either display or hide the announcement of the end time on the screen.	ON
		Greetings	Choose to either display or hide the initial and ending greetings.	Initial/ End
		Banner	Choose to either display or hide the functions on the screen at waiting status.	ON
Display Option	Setup of Configuration SYSTEM CONFIGURATION Display Display Option — Lyric Array Score Setup — External Image Recorded Song Setup — Maintaining Volume	Lyric Array	Set up the lyrics to be displayed on the top or bottom of the screen.	Bottom
		External Image	Determine the settings of external image.	Standard
		Maintaining Volume	Set the time for the music, mic, echo volume control to be maintained.	Continued
Score Setup	Setup of Configuration SYSTEM CONFIGURATION Display Display Option Score Setup — Score Recorded Song Setup — Lowest Score Perfect Score	Score	Choose the settings for the level of scores displayed after a song is finished.	High
		Lowest Score	Choose the settings for the lowest possible score.	Off
		Perfect Score	Choose the settings for the probability of 100 point score to be given.	10%

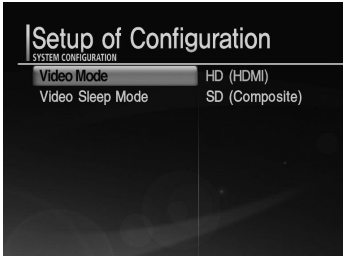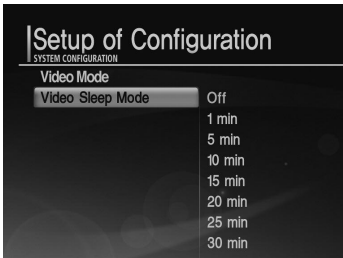|	STEP 1	STEP 2	Description
Recorded Song Setup	**Setup of Configuration** SYSTEM CONFIGURATION Display Display Option Score Setup Recorded Song Setup — Auto Delete Manual Delete	Auto Delete	Delete the recorded song automatically after running out of coin/time or system reboot.
		Manual Delete	Maintain the recorded song even after running out of coin/time or system reboot. User can select the recorded song to delete.

2. Sound settings

	STEP 1	STEP 2	Description	Standard Setting
BGM Setup (Choose the background music for stand-by time)	**Setup of Configuration** SYSTEM CONFIGURATION BGM Setup — BGM Type Melody Default Setup — BGM Start Time Sound Effects — BGM Volume Speaker Setup MIC/Music Setup	BGM Type	Select BGM with voice without voice, or none.	Voice
		BGM Start Time	Set the BGM to start playing after 1min/3min/5min of standby/ idle time.	5 mins later
		BGM Volume	Set the BGM volume to 10%, 20%, 30%, 40%, 50%, 60%, 80%, 100%.	10%
Melody Default Setup	**Setup of Configuration** SYSTEM CONFIGURATION BGM Setup Melody Default Setup — Off Sound Effects — Low Speaker Setup — Mid MIC/Music Setup — High		Select "Off, Low, Mid, High" for volume of accompaniment music.	Mid
Sound Effects Sound effects (Control various sound effects)	**Setup of Configuration** SYSTEM CONFIGURATION BGM Setup Melody Default Setup Sound Effects — Button Effect Speaker Setup — Voice Effect MIC/Music Setup — Booting Effect Initial Greeting End Greeting Score Effect	Button Effect	Set the volume of button sound effects.	Standard
		Voice Effect	Set the volume of voice sounds played when selecting a menu.	Standard
		Booting Effect	Set the volume of song played when booting up the machine.	Standard
		Initial Greeting	Set the volume of initial greeting sound when karaoke time begins or when coin is inserted.	Standard
		End Greeting	Set the volume of end greeting when the time expires or when the coin runs out.	Standard
		Score Effect	Set the volume of the score sound effect.	Standard
Speaker Setup	**Setup of Configuration** SYSTEM CONFIGURATION BGM Setup Melody Default Setup Sound Effects Speaker Setup — Speaker Test MIC/Music Setup	Speaker Test	Check speaker's condition and levels.	
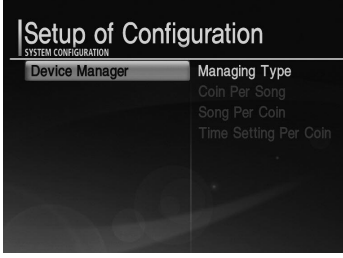
2. Sound settings

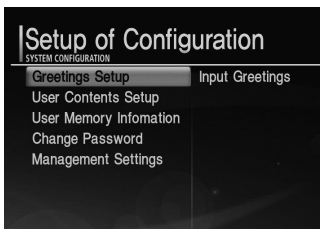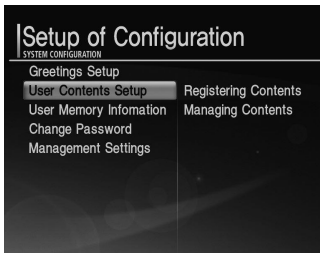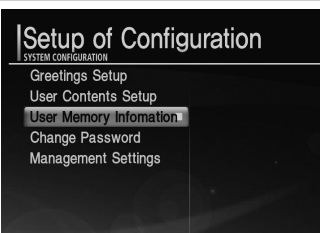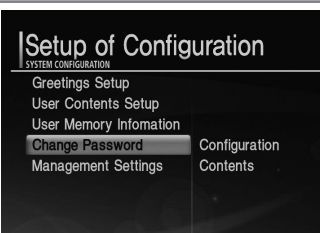| STEP 1	STEP 2	Description	Standard Setting
	MIC Mixer	Choose to use the digital Mic mixer installed inside the machine.	ON
	Compressor	Choose the setting of the mic compressor. OFF : Apply only the chosen settings for mic effects to the voice. ON : This function converts low voice volume in to higher and clearer sound as well as converts overly loud voice volume into lower volumes.	ON
	Standby Mode	Set off the mic effect during standby status	Echo off
MIC/Music Setup (Choose the settings of the Mic and Music sound)	MIC Setup	Control the mic sound. Gain : Be cautious not to exceed beyond 90. Howling and clapping sounds may occur if SW gain exceeds 90. Vol : Customer can control the volume of the mic. Low : control the mic's low sound. Mid Low : control the mic's midlow sound. Mid : control the mic's mid sound. High : control the mic's high sound.	
	MIC Effects Setup	Echo preset-Set the voice to repeat and reverberate. Standard : Preset echo effect (time and feedback) standard for singing. Engineer Mode : User can control the settings for mic echo effects. The selected setting becomes the standard setting. External mic usage - User can connect an external mic (not the machine's internal mic mixer) and use a mic connected to the non-internal mixer amp.	
	Music Setup	Control the volume of MIDI and MP3 music. Vol : Set the standard volume using the machine or remote control. Low : Controls the low sound (bass) of the midi songs from the 2 band EQ. High : Controls the high sounds of the midi songs from the2 band EQ.	
	LFE Setup	Control the volume of the LFE speaker and phase(0 degrees/ 180 degrees).	
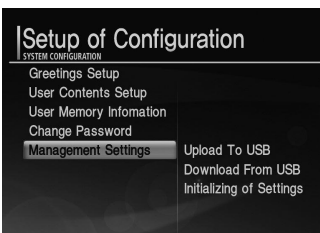
3. Video settings

STEP 1		Description	Standard Setting
Video Mode	Setup of Configuration SYSTEM CONFIGURATION Video Mode — HD (HDMI) Video Sleep Mode — SD (Composite)	HD(HDMI) : Set when using HDMI output. SD(composite) : Set when using SD composite output.	SD
Video Sleep Mode	Setup of Configuration SYSTEM CONFIGURATION Video Mode Video Sleep Mode — Off / 1 min / 5 min / 10 min / 15 min / 20 min / 25 min / 30 min	Set monitor sleep mode in 5 minute units starting from 1 minute to 30 minute.	OFF
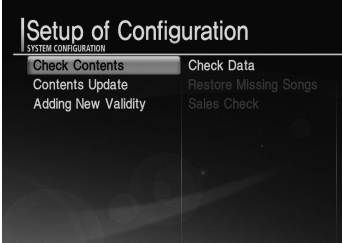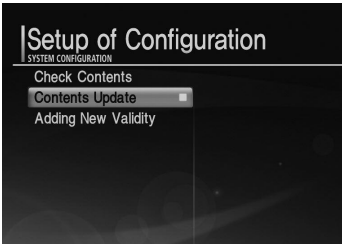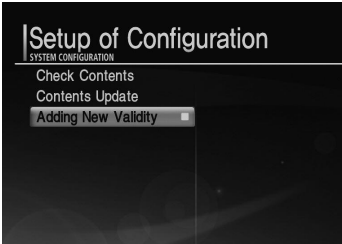
4. External device settings

STEP 1		STEP 2	Description	Standard Setting
Device Manager	Setup of Configuration SYSTEM CONFIGURATION Device Manager — Managing Type Coin Per Song Song Per Coin Time Setting Per Coin	Managing Type	Select machine's manage type.	OFF
		Coin Per Song	Set the number of coins per song when using coin mode.	1 Coin
		Song Per Coin	Set the number of songs per coin when using coin mode.	1 song
		Time Setting Per Coin	Set the time value per coin when using time-mode.	5 min

Configuration

5. User functions

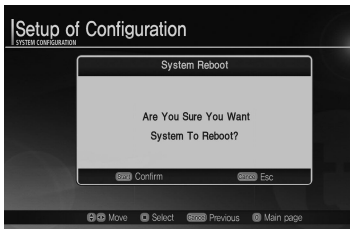|	STEP 1	STEP 2		Description	Standard Setting
Greetings Setup	Setup of Configuration — SYSTEM CONFIGURATION — Greetings Setup / Input Greetings / User Contents Setup / User Memory Infomation / Change Password / Management Settings			Greetings from the Business/Owner : Use the keyboard to insert the greetings to be displayed on the screen during stand-by time/song.	
User Contents Setup	Setup of Configuration — SYSTEM CONFIGURATION — Greetings Setup / User Contents Setup / Registering Contents / User Memory Infomation / Managing Contents / Change Password / Management Settings			Insert photos, videos, MP3, Video files from USB into the machine to use as background visuals when singing. (1) Registering user content : Photo - Video(BGV) - MP3 - Video (2) Managing user contents : Photo - Video(BGV) - MP3 - Video	

Contents	File Format
Photo	- File Format : JPEG, JPG, BMP
	- Image Size (Width x Height) : 1920 x 1080
Video(BGV)	- File Format : MPEG1, MPEG2, MPEG4, WMV
MP3	- Audio File Speed : 312kbps
	- Audio Sample Rate : 44.1kHz, 48kHz
Video	- Video File Format : MPEG1, MPEG2, MPEG4, WMV
	- Audio File Format : MP3, WMA, WAV(48kHz recommended)

	STEP 1	STEP 2		Description	Standard Setting
User Memory Information	Setup of Configuration — SYSTEM CONFIGURATION — Greetings Setup / User Contents Setup / User Memory Infomation / Change Password / Management Settings			Information for each user contents saved in the user HDD space.	
Change Password	Setup of Configuration — SYSTEM CONFIGURATION — Greetings Setup / User Contents Setup / User Memory Infomation / Change Password / Configuration / Management Settings / Contents	Configuration		Change the configuration password. *initial password : 1111	
		Contents		Change the password used to update contents (additional songs) *initial password : 0000	
Manage-ment Settings	Setup of Configuration — SYSTEM CONFIGURATION — Greetings Setup / User Contents Setup / User Memory Infomation / Change Password / Management Settings / Upload To USB / Download From USB / Initializing of Settings	Upload To USB		Transmit settings of configurations via USB.	
		Download From USB		Receive settings of configurations via USB.	
		Initializing of Settings		Initialize settings of configurations.	

6. Contents update

STEP 1		STEP 2	Description
Check Contents	Setup of Configuration SYSTEM CONFIGURATION / Check Contents / Contents Update / Adding New Validity / Check Data / Restore Missing Songs / Sales Check	Check Data	Check the data of updated songs online.
		Restore Missing Songs	Restore songs and data from the server that were missing from downloading online.
		Sales Check	Check sales when using coin operated connection.
Contents Update	Setup of Configuration SYSTEM CONFIGURATION / Check Contents / Contents Update / Adding New Validity		Menu for displaying contents of new songs using a USB when Off-line.
Adding New Validity	Setup of Configuration SYSTEM CONFIGURATION / Check Contents / Contents Update / Adding New Validity		Menu for extending the machine authentication period using the smart card.

7. System reboot

STEP 1		Description
System Reboot	Setup of Configuration SYSTEM CONFIGURATION / System Reboot / Are You Sure You Want System To Reboot? / Confirm Esc / Move Select Previous Main page	Reboot the machine without shutting down the power.

Trouble check and trouble shooting

Treat the product referring following cases if considered there are problems in the product.
Check other products because users can be inexperienced or other products connected can have problems.
After treating as following items and same problems are happened,
please, do not open a product for yourself and give a call to an agency to buy or a service center of our company.

This case	Do this
Power is not coming.	· Check whether a power plug is connected or not, please, connect a plug well. · Check whether a power switch is on or not.
Monitor screen is not shown.	· Check whether video input and output are changed or not. · Check whether video input and output line are disconnected or contact failure. · Change them if they have problems.
Sound is not coming.	· Check whether a wire connecting Amplifier and Karaoke is disconnected or contact failure. Change them if something is wrong with them. · Check whether a wire connecting amplifier and speaker is disconnected or contact failure. Change them if something is wrong with them. · Check each switch position and adjust them because Amplifier control status can be wrong. · Check volume control of a Karaoke. · Change a speaker if a speaker unit is bad.
Sound is distorted.	· Check whether a line connected to other products such as a Karaoke, amplifier, a speaker etc is connected well or not. · Clean a contaminated terminal because sound is not coming well if a pin plug or amplifier input terminal are contaminated. · Check whether volume control of a Karaoke, amplifier, and an equalizer is set or not. Adjust volume of each equipment.

Trouble check and trouble shooting

This case	Do this
Microphone sound is not coming.	· Check whether a power switch on a microphone is on or off and switch on mic power. · Check volume of amplifier mic set as minimum, and control the volume. · Check whether mic is bad. Change it if something is wrong with it. · Check whether a line between a MIC output terminal of karaoke and an amplifierMIC input terminal is good or contact failure. Connect correctly or change it if something is wrong.
Beep sound from speaker when using a microphone.	· Feedback noise phenomenon when microphone and speaker are at lose range. · Microphone does not head to a speaker and is kept away from a speaker.
Remote controller does not work well.	· Check connection between main body and remote controller module. · Check batteries of remote controller. Change them if consumed fully. · Use a remote controller within range of distance 7 m and left/right 30° degrees because a remote controller can be out of usage range.

On service

The following cases apply fee-paid service during the warranty period.

1. If a trouble is caused by inputting foreign substances. (water, drink, coffee, clip or coin)

2. If a trouble is caused by falling the product or adding shock the product.

3. If a trouble is caused by chemicals like thinner, benzene, alcohol or wax.

4. If a trouble is caused by using parts or consumables other than TJ media authentic product.

5. If a trouble is caused by the different voltage use.

6. If a trouble is caused by arbitrarily disassembly or modification.

7. If a trouble is caused by repairing in general electronic repair shop.

8. If a trouble is caused by natural disasters. (lightening, wind and water disaster, fire and salt disaster)

9. If a trouble is caused when violating "Instruction for Use" in the user guide.

10. If a trouble is caused by the mistake of customer.

Specification

This product's performance and external appearance can be changed for quality improvement without announcement.

Form		Karaoke
Voltage		AC 100V ~ 240V, 50/60Hz
Electric power		16W
Weight		5.1Kg
Main body size	Width	420mm
	Height	324mm
	Depth	103mm
Frequency		20Hz ~ 20KHz±3dB
Output		0V ~ 3V Variable
Distortion		0.05% (1KHz)
S/N		70dB (1KHz)
TV Receiving mode		NTSC
COMPOSITE video output		Impedance 75Ω 1.0Vp-p
HDMI output		Ver 1.2
HDD		3.5" inch / 500GB

Memo

Memo

A letter of guarantee

● This product made through tight quality management and inspection is exchanged for free within the stipulated time via a customer center when customers use it in normal usage status.
● Product guarantee period (   )year after date of purchasing Part retention time (   )years after date of purchasing.
● Warranty for this product is guaranteed based on contents described in this letter of guarantee

Product name **COMPUTER MUSIC PLAYER**		Model name **TKR-304P**
Product serial number		
Sales date		
Customer's name,	telephone	address
Sales name	telephone	address

This letter of guarantee is only available in Philippines and not issued again. Please, keep it well with a manual.

tj TJ media

Compensation guide for customer's damage

Our company does the best to guarantee the quality of this product.
Please, give a call to a service agency or a service center of our company if failure occurred in use.

Naturally generated failure of function and performance in normal usage state

Customer's damage type	Compensation content	
	Within warranty period	After warranty period
3 times failure due to same reason		
4 times failure due to same reason		
Important repair within 10 days after purchasing		
Manufacturer loses repairrequested product by a customer		
Repair is impossible due to architectural defect		
Repair is impossible due to parts missing within part retention time		
Life time of parts ends		

Failure caused by customer's intention or mistake

Customer's damage type	Compensation content
Failure caused by user's carelessness	
Use by another method not in manual	
Product repair in other service centers except our designated service center	
Failure by another equipment not this product	
Failure by natural disasters (fire, damage by salt water, flood)	
Letter of guarantee is not suggested or item omission in it not to verify product	
Failure and performance bad after warranty period	

● A letter of guarantee should be submitted in repair request. Check Free or Paid in a letter of guarantee after finishing repair so that you do not unnecessary expenditure.
● You should take signature in a letter of guarantee at an agency after purchasing a product.
● If you give a call to our service center when services are not quick and inconvenient, we can solve it as soon as possible.