TJ media

Karaoke machine

TKR-304E 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.
This Unit, which is designed for Korea only, cannot be used in foreign countries.

Up to date accompaniment function –

HDD accompaniment for home use **TKR-304E**

Enjoy yourself

- Your own photo shown in background screen -

- Save and play your own music -

- Save song I sang -

High quality music like recent accompaniment for business use

- High definition sound source like that for business use.

- Microphone with rich echo and sound like that for business use.

- Contains over 30,000 songs including Korean popular song, pop song, Japanese songs, and Philippines songs.

High definition video like recent accompaniment for business use

- HD videos.

- 1:1 matching video between accompaniment, lyrics and video.

What is 1:1 matching video?
Music video lyric and accompaniment are matched 1:1. When you sing a song, the singing and movement of the singer in the screen is corresponded so that you may feel as if you are a singer.

Easy update of new songs like accompaniment for business use

- Easy and convenient contents certification using smart card.

  Smart card certification available as reader is included in the accompaniment .
- Ubiquitous update of new songs without visiting shops.

  Download new contents (songs and videos) from web site in your USB to link to the accompaniment.
- Update new songs per every 3 months like accompaniment for business use.

Fun functions like accompaniment for business use

- Music score presentation.

  Melody score for playing and singing practice.
- Saxophone mania.

  Actual playing of popular session men and transposed score presentation.
- Reservation, cancelation, tune and tempo control, and microphone and accompaniment sound control.

Upgraded search function

You may search music easily by initial match function and help your choice using highly visible font.

Characteristics

Quality certificate and consumer compensation

Instruction for safety

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 110V~220V 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.

Instruction for safety

⚠ 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.

Instruction for grounding

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.
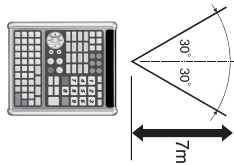It is particularly dangerous in heavy humidity like rain.
If rapid voltage change (billions V) by lightening, it may cause fire, damage and life damage.

CAUTION

This product is AC 110V~220V 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.

30°
30°
7m

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 "AA"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.
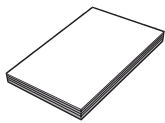3. If remote control is not properly operated, change two new batteries.

Parts and separately sold items check

Contact customer center or shop to buy parts or separately sold items.

Parts

MANUAL INDEX 2 Batteries (For Remote control) Remote control

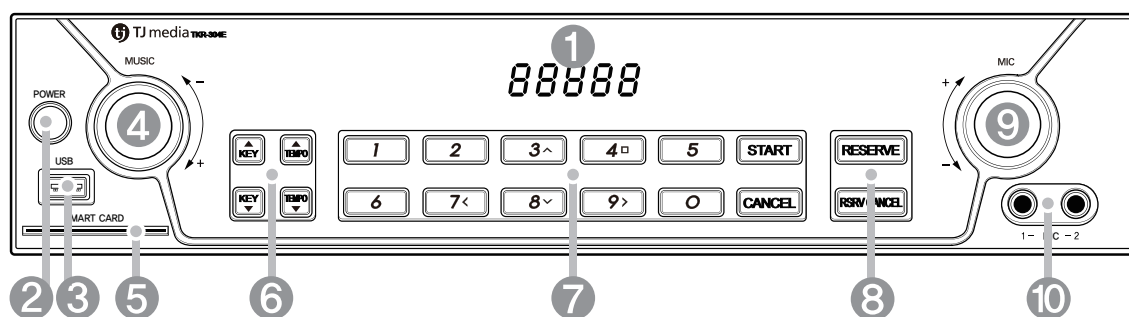1 Power supply code 2 sound cable (RCA to RCA) 1 Video cable 1 grounding cable

Separately sold item

HDMI cable

Name of each part (front)

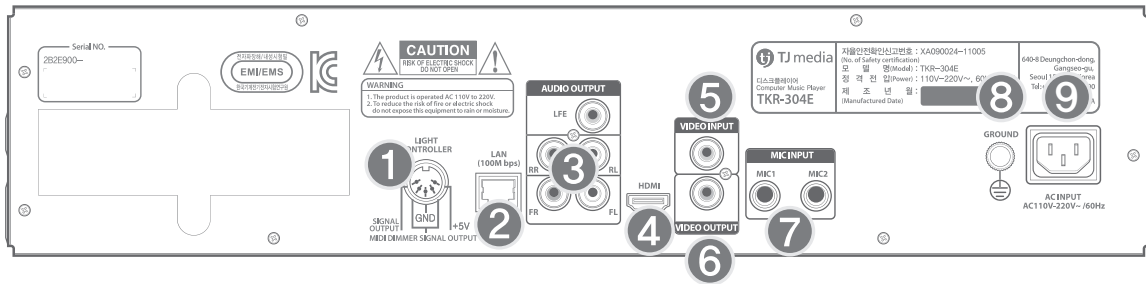|	
❶ Display monitor	Show selected and playing sing number.
❷ POWER	Switch to supply or cut off power to the unit.
❸ USB 2.0 terminal	Enable to save and play music using USB stick.
❹ MUSIC volume	Control volume of music. (It is defaulted between 0-64 based on "Standard 45" in release)
❺ Smart card	Insert smart card in new song certification.
❻ Tune control/ Tempo control	Tune control : Control tune from -6 to +6 levels. Tempo control : Control tempo from -6 to +6 levels.

Connection

❼ **Input selection number, Start and Cancel**	Selection number : Select by direct press. Use 3▲, 7◀, 9▶, 8▼ key to move page. It can be used direction key in configuration. START : Play the selected song. CANCEL : Stop or cancel songs.
❽ **RESERVE, RSRV CANCEL**	RESERVE : Reserve songs to play. RSRV CANCEL : Cancel songs reserved. (Cancel after selecting in the list or cancel direct input song number)
❾ **MIC volume**	Control microphone volume. (It is defaulted between 0-110 based on "Standard 100" in release)
❿ **1 - MIC - 2**	Connect microphone.

HOT KEY(At the same time, press 3 seconds.)

HD: [▲KEY] [▼KEY] + [3∧] + [CANCEL]   SD: [▲TEMPO] [▼TEMPO] + [3∧] + [CANCEL]
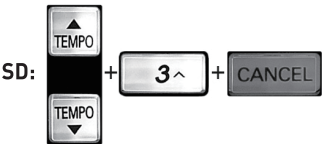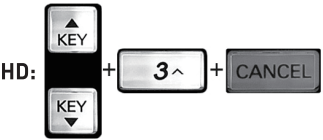
Connection

Name of each part (rear)

❶ Light control	Midi dimmer, light device connection control terminal.
❷ LAN 100BASE-T	A/S terminal.
❸ Sound output (Front, Rear, LFE output)	Terminal to connect analog amp, connecting front left/right, rear left/right and LFE. (if necessary)
❹ Video output (HDMI)	HD video digital output terminal. (Excellent HD play available with differentiated to user composite)
❺ Video input	Terminal to input separate video play device. (DVDP, LDP, VCDP and VTR)
❻ Video output	Video output terminal.
❼ MIC input	Microphone input terminal.
❽ Grounding	Power supply grounding and amp grounding terminal. (In case of noise in amp or wireless MIC, make sure to connect)
❾ AC input (AC 110-220v/ 60Hz)	Power supply terminal by connecting power supply code.

Connection

Function of remote control (TIR-304E)
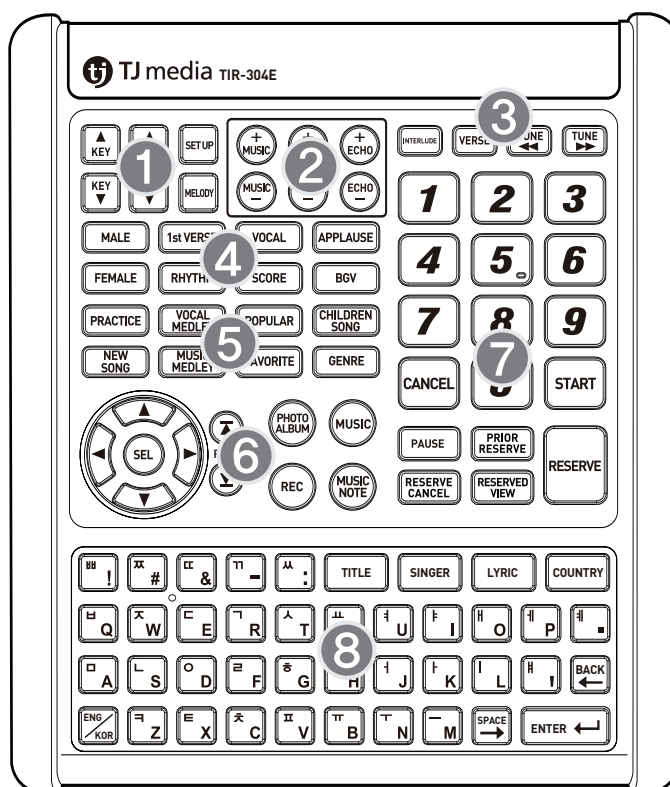
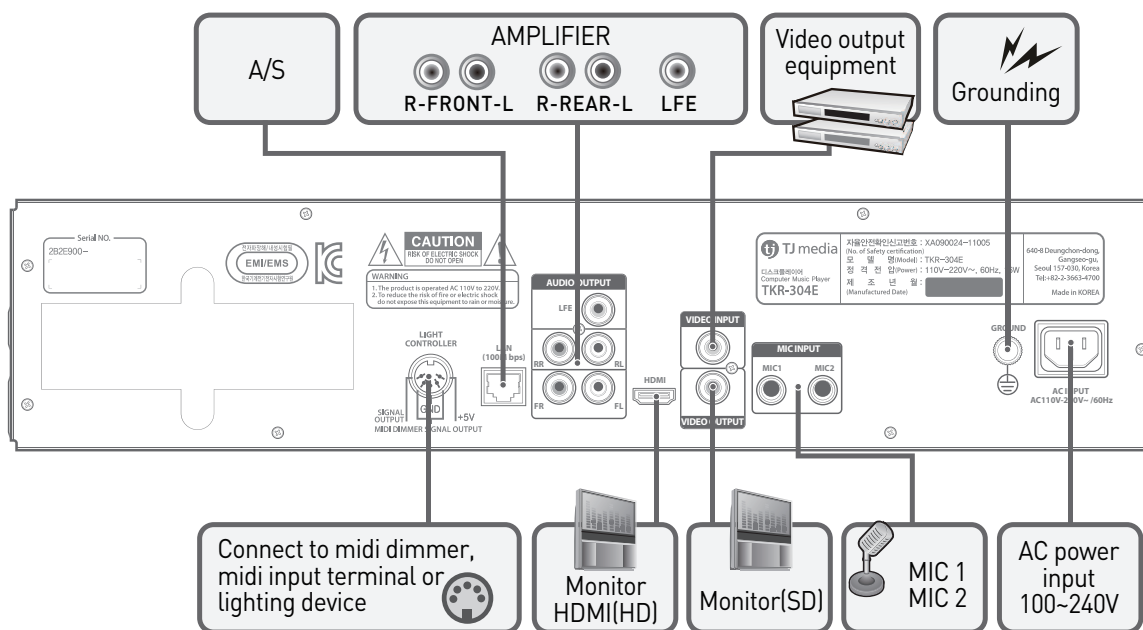|	
❶ **Key, Tempo, Melody, configuration**	Key control : Control tune from -6 to +6 levels. Tempo control : Control tempo from -6 to +6 level. Melody : Control melody "high, standard, low, no" . Configuration : Enter configuration.
❷ **Music, MIC, Echo**	Music : Control volume directly. MIC : Control MIC volume directly. Echo : Control echo volume directly.
❸ **Interlude, Verse, Tune ◀◀, ▶▶**	Interlude : Skip whole intro or bridge. Verse : Skip to next phrase. Tune ◀◀ : Skip bar reversely. Tune ▶▶ : Skip bar.

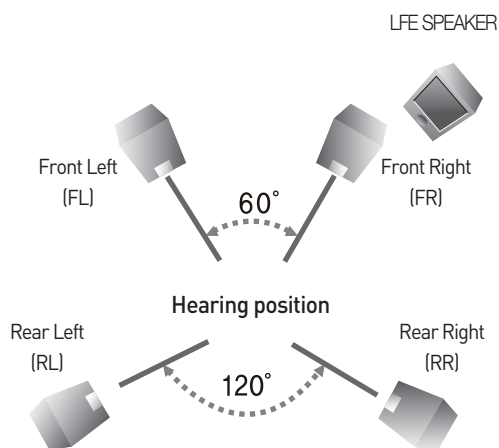|	
❹ Convenient additional functions	Male and female tune : Select standard tune. 1st verse : Set if you want to sing only 1st and it keeps same. Vocal : Remove singer's voice when chorus and practice. Applause : Save applause to enhance feeling. Rhythm : Disco 1, disco 2, samba, techno, hip hop, Jirubak, Cha-cha-cha. Score : Do not make score after finishing the music. BGV : Auto- Star live, Music video 3D dance, natural – photo album, adult clip and external video.
❺ Convenient additional functions	Practice : You can exercise new song by listening and repeating. (new song practice, favorite song practice, saxophone practice) Voice medley : Disco, club dance, Samtaegy, singer, folk song. Popular : Korean popular music, pop, Japanese, drama, movie OST. Children song : Cartoon song, children's song, character song. New song : Select new song via new song list. Music medley : Disco, dance, contest blues. Favorite : Top 100 songs, songs by period. Genre : Consecutive play by selecting songs in genre.
❻ Move direction/selection/ Page move, Photo album, Music, Rec, Music note	Move direction/selection : Move page in the list. Photo album : Use your photo as background image. Music : Save MP3 music and play. Rec : Record my singing save it in USB. Music note : Show music note by selecting it.
❼ Number, Start/Cancel, Pause, Prior reserve, Reserve cancel, Reserve view, Reserve	Number : Insert number to play. Start : Play the song. Cancel : Cancel the song. Pause : Users can pause a song. Prior reserve : Reserve a song to play prior to other reserved ones. Reserve cancel : Cancel a reserved song. 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) Reserve : Reserve a song to play.
❽ Search songs	Korean/English search and you can find songs by title, singer, lyric, and country.

Connection

Connection to amp/speaker and external device

A/S

AMPLIFIER

R-FRONT-L   R-REAR-L   LFE

Video output equipment

Grounding

Connect to midi dimmer, midi input terminal or lighting device

Monitor HDMI(HD)

Monitor(SD)

MIC 1
MIC 2

AC power input
100~240V

Proper setting of 4.1 channel

LFE SPEAKER

Front Left
(FL)

Front Right
(FR)

60°

Hearing position
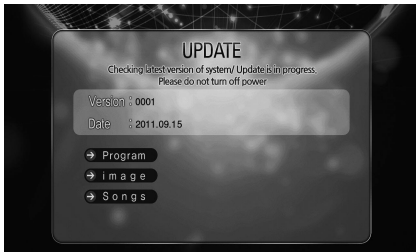
Rear Left
(RL)

Rear Right
(RR)

120°

Set as follows to create sound as if you are in a concert.

· Front L, R speaker :
  Setting with 60° from the listening location.

· Rear L, R speaker :
  Setting with 120° from the listening location.

· LFE speaker :
  Setting under FR speaker.

In installing LFE speaker in the central front, base effect may disappear by compromising LFE speaker sound with reflecting sound from wall.
Thus, do not set as such.

Input new contents

Update new songs per every 3 months like accompaniment for business use.

Item	Screen	Contents
1. New song download		Download new songs from website and save in USB. http://newsong.tjmedia.co.kr
2. Enter Contents Update		Enter 'contents update' in the setup, and start input of new songs by selecting 'contents update'.
3. Enter Contents Upgrade		Input 4 digit password for entering contents upgrade. (Initial password: 0000)
4. Carry on contents upgrade		Connect USB memory into USB port, and press START in remote control or START in the unit to upgrade.

Upgrade while booting
Automatic upgrade of new contents is made while USB memory with new songs is connected to USB port when turning on the power.
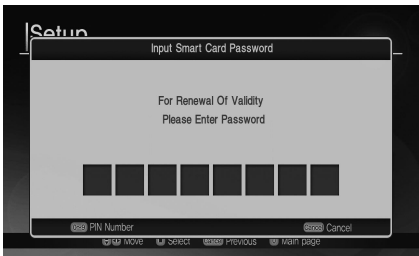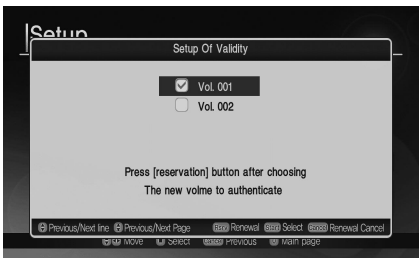-For a normal play, take certification process with smart card after new song update.

New songs contents

Certifcation

1. Updated songs can be played after certification.
2. You can take this process using smart card.

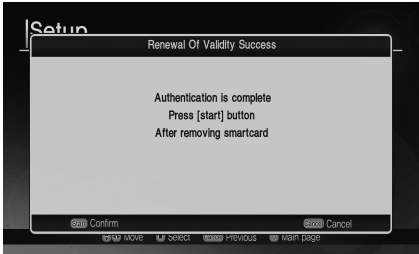| Item	Screen	Contents
1. Renewal Validity	Setup SYSTEM CONFIGURATION Check Contents Contents Update Renewal Validity	Enter [Setup] and select [Renewal validity].
2. Renewal of Validity	Setup Renewal Of Validity Please Connect The Smart Card To Slot Please Press [Start] Button After Insert The Smart Card [Warning] Please Do Not Remove The Smart Card Before Completion Confirm Cancel	Connect smart card to the slot. Press [START] in remote control or [START] in the unit.
3. Input Smart card Password	Setup Input Smart Card Password For Renewal Of Validity Please Enter Password PIN Number Cancel	Input 8 digit password.
4. Certification volume selection	Setup Setup Of Validity ✓ Vol. 001 ☐ Vol. 002 Press [reservation] button after choosing The new volme to authenticate Previous/Next line Previous/Next Page Renewal Select Renewal Cancel	Select non-certified volume list, and select volume to certify. Then, press [RESERVE] in remote control or [RESERVE] in the unit.

Certifcation

Item	Screen	Contents
5. **Confirm of Validity**	Setup Confirm Of Validity Vol. 001 selected to authenticate Press [reservation] button to authenticate Renewal Renewal Cancel Move Select Previous Main page	Confirm the certification volume. Then, press [RESERVE] in remote control or [RESERVE] in the unit to authenticate.
6. **Renewal of Validity Success**	Setup Renewal Of Validity Success Authentication is complete Press [start] button After removing smartcard Confirm Cancel Move Select Previous Main page	After completing certification renewal, and press [START] in remote control or [START] in the unit. Then it returns to certification renewal selection menu screen.

Photo album

Your own photo shown in background screen.

| **1.** **Photo album** | Photo
Manage picture Register
(USB ▶ HDD)
Move Select Exit | Insert USB with photo, and press [PHOTO ALBUM] button to select photo registration. |

User function

Photo album

Your own photo shown in background screen.
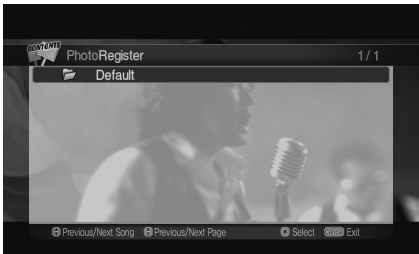
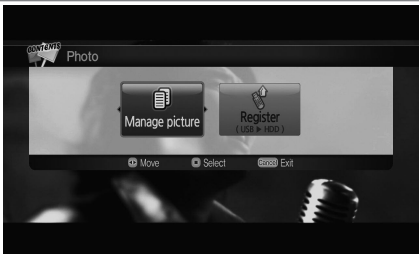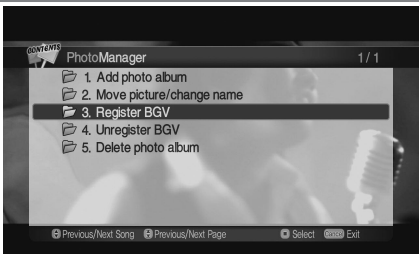| Item	Screen	Contents
2. Select photo	PhotoRegister /mnt/usb 1/3 001 jpg 002 jpg 003 jpg 004 jpg 005 jpg 006 jpg 007 jpg 008 jpg 009 jpg Select/Cancel Select All/Cancel Registering album select Exit	Select photo, and press RESERVE in remote control or RESERVE in the unit. -Recommended size: 1280X720.
3. Select album	PhotoRegister 1/1 Default Previous/Next Song Previous/Next Page Select Exit	Select photo album to save photo.
4. Confirm save	PhotoRegister 1/1 Default Information Would you save to the album you choose? Start Save Cancel Cancel Previous/Next Song Previous/Next Page Select Exit	Confirmation message appears. Press START in remote control or START in the unit to save.
5. Manage picture	Photo Manage picture Register (USB ▶ HDD) Move Select Exit	After completing photo save, press Exit button to select [manage photo] menu.
6. Register BGV	PhotoManager 1/1 1. Add photo album 2. Move picture/change name 3. Register BGV 4. Unregister BGV 5. Delete photo album Previous/Next Song Previous/Next Page Select Exit	Select [Register BGV] in photo manager.

User function

Photo album

Your own photo shown in background screen.

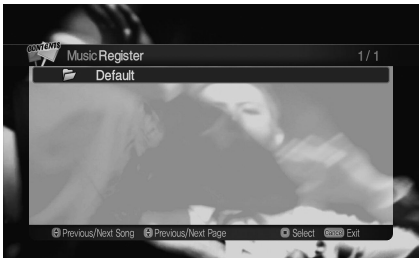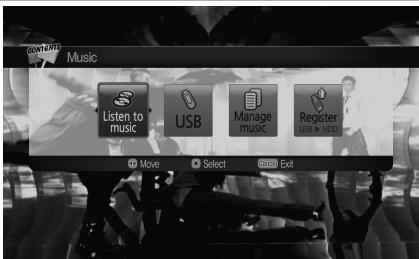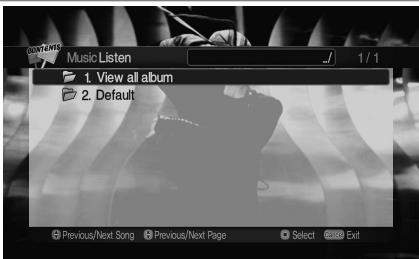| Item	Screen	Contents
7. Select photo for BGV	Information BGV being registered TJ media PhotoManager 1 / 1 Move to previous folder 001 jpg 002 Information jpg 003 Photo is being registered jpg 004 Please wait jpg 005 jpg 006 jpg 007 jpg 008 jpg Select/Cancel Select All/Cancel Set as a background image Exit	Select photo, and press [RESERVE] in remote control or [RESERVE] in the unit to register background.
8. Select BGV	BGV User Photo (19) TJ media	After completing photo save, press [BGV] button. Then, registered photo appears as background video.

Music

You may save and play MP3 music in the unit.

	Screen	Contents
1. Music	Music Listen to music USB Manage music Register USB ▶ HDD Move Select Exit	Press (MUSIC) in the remote control to register music.
2. Select music	Music Register /mnt/usb/pop 1 / 13 Move to previous folder Always - Bon Jovi mp3 Awakening - Vassline mp3 Baby One More Time - Britney Spears mp3 Bad Case of Loving You - Robert Palmer mp3 Beautiful Sunday - Daniel Boone mp3 Because you loved me - Celine Dion mp3 Billie Jean - Michael Jackson mp3 Black or White - Michael Jackson mp3 Select/Cancel Select All/Cancel Registering album select Exit	Select file to register in the unit. Then, press [RESERVE] in remote control or [RESERVE] in the unit.

User function

Music

You may save and play MP3 music in the unit.

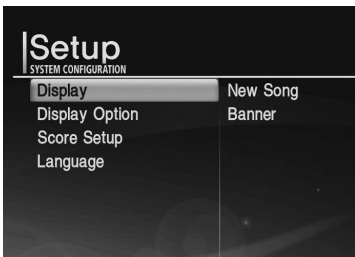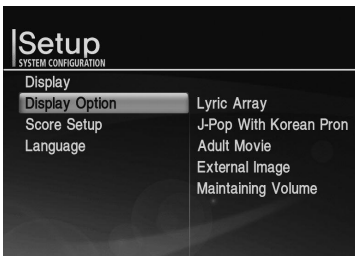| Item	Screen	Contents
3. Select folder	Music Register 1/1 Default Previous/Next Song Previous/Next Page Select Exit	Select folder to save MP3 file.
4. Confirm save	Music Register 1/1 Default Information Would you save to the album you choose? Start Save Cancel Cancel Previous/Next Song Previous/Next Page Select Exit	Save confirm message appears. Press START in remote control or START in the unit to save.
5. Listening	Music Listen to music USB Manage music Register usb ▶ HDD Move Select Exit	Select listening in the music menu, and press START in remote control or START in the unit.
6. Select [music lis- tening] folder	Music Listen ../ 1/1 1. View all album 2. Default Previous/Next Song Previous/Next Page Select Exit	Select folder of the music.
7. Play music	Music Listen ../ All album 1/1 Move to previous folder Always - Bon Jovi mp3 Awakening - Vassline mp3 Baby One More Time - Britney Spears mp3 Bad Case of Loving You - Robert Palmer mp3 Beautiful Sunday - Daniel Boone mp3 Because you loved me - Celine Dion mp3 Billie Jean - Michael Jackson mp3 Select/Cancel Select All/Cancel Listen to all songs Listen Exit	Select music in the list and press START in remote control or START in the unit. If you press RESERVE, whole music can be played.

Configuration

Press ⟦SETUP⟧ in the remote control. [Default password 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.
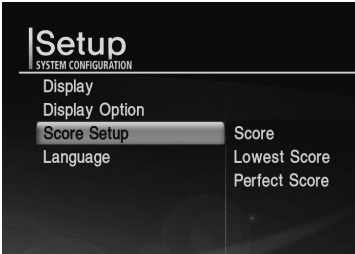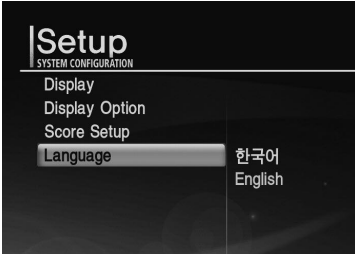
1. Accompaniment operation status

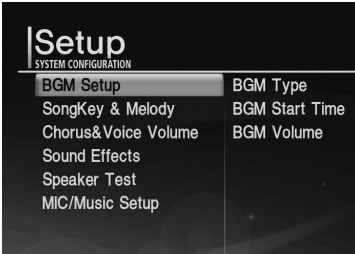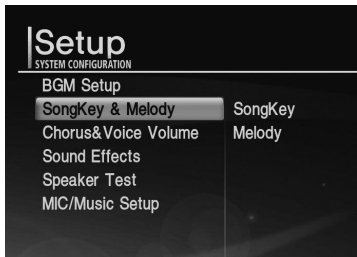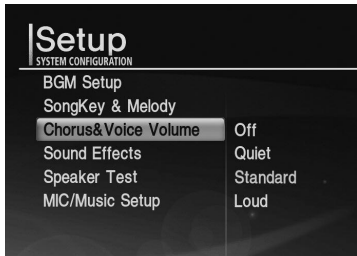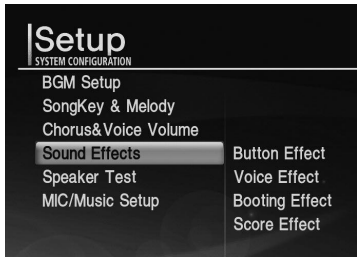| Level 1		Level 2	Description	Standard value
Display	Setup SYSTEM CONFIGURATION Display — New Song Display Option — Banner Score Setup Language	New song	Show or remove new song list in function waiting status. [On, Off].	On
		Banner	Show or remove function guidance in function waiting status. [On, Off].	On
Display Option	Setup SYSTEM CONFIGURATION Display Display Option — Lyric Array Score Setup — J-Pop With Korean Pron Language — Adult Movie External Image Maintaining Volume	Lyric Array	You can set lyric presentation on upper or bottom. [Bottom, Top].	Bottom
		J-Pop With Korean Pron	Add or remove J-Pop with Korean pron. [On, Off].	On
		Adult Movie	Select to see or not to see an adult movie. [On, Off].	Off
		External Image	Set up external image presentation standard. [Standard, Continued].	Standard
		Maintaining Volume	Set up maintaining volume such as music, MIC, echo. [Continued, Partial, Per song].	Continued

Configuration

1. Accompaniment operation status

Level 1		Level 2	Description	Standard value
Score Setup	Setup SYSTEM CONFIGURATION Display Display Option Score Setup — Score Language — Lowest Score Perfect Score	Score	Set level of score after finishing music. [Off,Low, Standard, High, Very high]	High
		Lowest score	Set comment per region. [Off, 30, 50, 70, 75, 80, 85, 90, 95]	Off
		Perfect score	Set percentage to achieve perfect score. [5%~100%]	10%
Language	Setup SYSTEM CONFIGURATION Display Display Option Score Setup Language — 한국어 English	Language set	Set language.	English

2. Sound configuration

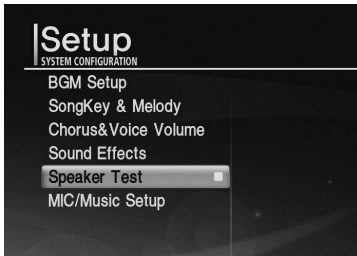|				
BGM Setup	Setup SYSTEM CONFIGURATION BGM Setup — BGM Type SongKey & Melody — BGM Start Time Chorus&Voice Volume — BGM Volume Sound Effects Speaker Test MIC/Music Setup	BGM Type	Set as BGM. [Off, Normal, Voice, Sexophone]	Voice
		BGM Start time	Set after a / 3 / 5 minutes. [a minute later, 3 min later, 5 min later]	5min later
		BGM Volume	Control volume by 10%, 20%, 30%, 40%, 50%, 80% or 100%.	10%

2. Sound configuration

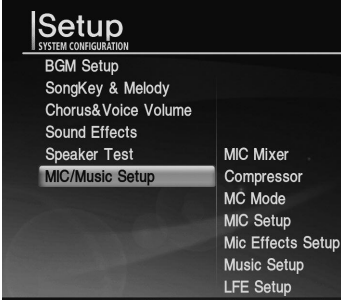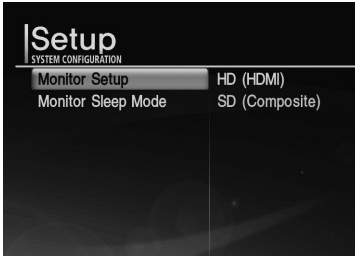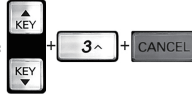| Level 1		Level 2	Description	Standard value
SongKey and Melody	**Setup** SYSTEM CONFIGURATION BGM Setup SongKey & Melody — SongKey Chorus&Voice Volume — Melody Sound Effects Speaker Test MIC/Music Setup	SongKey	Set standard, minus half key, or minus one key other than new song exercise.	Standard
		Melody	Control melody volume. [Off, Quiet, Standard, Loud]	Standard
Chorus and Voice Volume	**Setup** SYSTEM CONFIGURATION BGM Setup SongKey & Melody Chorus&Voice Volume — Off Sound Effects — Quiet Speaker Test — Standard MIC/Music Setup — Loud		Control chorus and vocal volume. [Off, Quiet, Standard, Loud]	Standard
Sound Effects	**Setup** SYSTEM CONFIGURATION BGM Setup SongKey & Melody Chorus&Voice Volume Sound Effects — Button Effect Speaker Test — Voice Effect MIC/Music Setup — Booting Effect — Score Effect	Button Effect	Set sound effect when pressing button. [Off, Quiet, Standard, Loud]	Standard
		Voice Effect	Set voice effect in menu item. [Off, Quiet, Standard, Loud]	Standard
		Booting Effect	Set sound effect when booting. [Off, Quiet, Standard, Loud]	Standard
		Score Effect	Set sound effect of score. [Off, Quiet, Standard, Loud]	Standard

Configuration
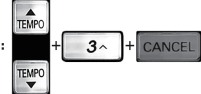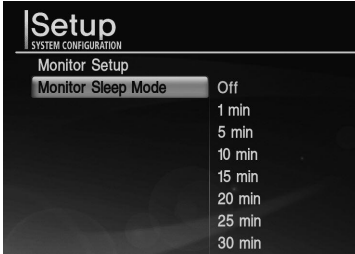
2. Sound configuration

Level 1		Level 2	Description	Standard value
Speaker test			Check speaker and level by whole channel test.	
MIC / Music Setup		MIC mixer	Set MIC processing use [On] [Off] While setting [Off] it can use compressor, MC mode between music, MIC setting, and MIC effect setting.	On
		Compressor	It increase small sound into large, and control high sound. It is good for ballad with low tune to boost voice. But, it is recommended to use in a flat amp and speaker for a sufficient effect.[On, Off]	On
		MC mode	Remove MIC effect in waiting status. [On, Off]	Off
		MIC setup	Control MIC direct sound.	
		MIC effects setup	Set standard value of MIC effect.	

2. Sound configuration

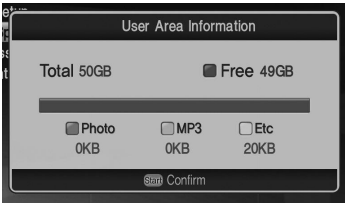| Level 1	Level 2	Description
MIC / Music Setup	Music Setup	Control music volume. Volume : The value of music volume set in the user UI is set as standard volume in user environment. Low sound : Control low range. High sound : Control high range.
	LFE Setup	LFE speaker volume. Control phase range. (0/180°)

Setup
SYSTEM CONFIGURATION
BGM Setup
SongKey & Melody
Chorus&Voice Volume
Sound Effects
Speaker Test
MIC/Music Setup   MIC Mixer
                         Compressor
                         MC Mode
                         MIC Setup
                         Mic Effects Setup
                         Music Setup
                         LFE Setup

3. Screen configuration

Level 1	Description	Standard value
Monitor Setup	Set up monitor output. HD(HDMI) SD (Composite) HOT KEY(At the same time, press 3 seconds.) 	SD
Monitor Sleep Mode	Set up sleep mode. [Off, 1 min, 5 min, 10 min, 15 min, 20 min, 25 min, 30 min]	Off

Setup
SYSTEM CONFIGURATION
Monitor Setup   HD (HDMI)
Monitor Sleep Mode   SD (Composite)

Setup
SYSTEM CONFIGURATION
Monitor Setup
Monitor Sleep Mode   Off
                       1 min
                       5 min
                       10 min
                       15 min
                       20 min
                       25 min
                       30 min

Configuration

4. Additional function

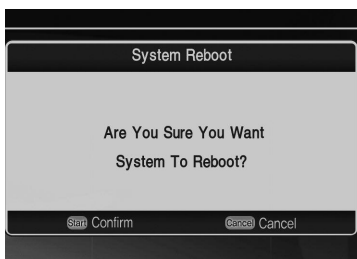| Level 1	Description
Greeting Setup	Input greetings expressed during the waiting.
User HDD Space	Provide contents information saved in user HDD space.
Change Password	Change password. Initial password: 1111
Management Settings	Initialized every set default value.

5. Input contents and certification renewal

Check Contents	Menu for contents update and renewal validity record check. Provide volume unit new songs and certification information after first certification.

5. Input contents and certification renewal

Level 1	Description
Contents update	New song contents update menu. See p.15 "Input new contents ".
Renewal Validity	Menu to add new song's volume certification. See pp.16~17 "Certification".

6. Rebooting

System Reboot	Reboot without power off the unit.

7. First certification

The First certification	Initially it has one certification. Relevant menu is automatically removed after first certification process. Additional play is available after first certification.

Trouble check and trouble shooting

See the below if any trouble of the unit.
In case of poor operation or other devices connected, please check other devices.
If problems continue, do not open the unit, but contact shop or service center.

Problem	Solution
No power supply.	- Check if plug is on. - Check of power switch is ON.
No monitor screen appears.	- Check if input line and output line of video are input correctly. - Check if any cut off or poor contact. If problem, change it. - Check input terminal to monitor. And check if right image input selection.
No sound.	- Check monitor volume. - Check if any cut off or poor contact of line to connect monitor or amp. If problem, change it. - Check if any cut off or poor contact in monitor or amp line. If problem, change it. - Check if any cut off or poor contact. If problem, change it. - It may caused by amp operational disorder, check each amp switch. - Check if proper volume control is made. - Check if speaker unit is damaged. If so, change it.
No proper sound.	- Check if line contact is made properly like the unit, amp or speaker - If pin plug or amp input terminal is damaged, the sound may not come properly. In this case, cleanse the terminal - Check volume control of the unit, amp and equalizer to readjust volume.

Others

Trouble check and trouble shooting

Problem	Solution
No MIC sound.	- Check power switch of MIC and turn it on. - Check any damage of MIC. If so, change it. - Check if the unit MIC volume "0".
Beep sound in using MIC.	- Howling if MIC and speaker stand too close. - Keep distance MIC from speaker and do not direct MIC toward speaker.
No remote control working.	- Check battery life. If so change to new one. - Use remote control within 7m, and 30° range.

On Service

Free of charge service and product exchange

You may have free of charge service for 1 year from the purchase date if any problem occurs
But, in case of trouble by natural disaster, it shall be paid even during the warrantee period.

We exchange the product if it is made by naturally born poor performance and function within 30 days from the purchase.

### Responsibility of fee-paid 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.

Product size

The performance and appearance are subject to change without notice for quality improvement.

Type		COMPUTER MUSIC PLAYER
Power voltage		AC 110V ~ 220V, 60Hz
Power consumption		16W
Weight		5.1Kg
Size (Inc. foot)	Width	420mm
	Depth	324mm
	Height	103mm
Frequency		20Hz ~ 20KHz±3dB
Output		0V ~ 3V / variable
Distortion factor		0.05% (1KHz)
S/N		70dB (1KHz)
TV receiving method		NTSC
Composite video output		Impedance 75 amp, output level 1.0v p-p
HDMI output		Ver 1.2
External Video input		Impedance 75 amp, output level 1.0v p-p
Remote control size	Width	157mm
	Depth	181mm
	Height	31mm
Remote control battery voltage		3V
Weight of remote control		420g(inc. battery)
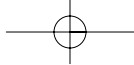
Memo
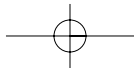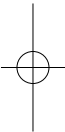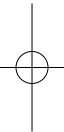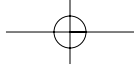
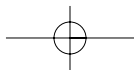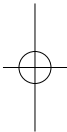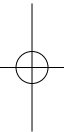**Memo**

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-304E**	
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 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.

TJ media

It's real sound!