

INSTRUCTION MANUAL



Appendix G. USER MANUAL

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PRODUCT INFORMATION

1. Characteristics

A Microphone Shaped Portable Karaoke (HANDY-KARAOKE) system that consists has the over-all functions of other karaoke systems, and demonstrates the highest convenience and excellent tone qualities.

- 1) Microphone Shaped Super-mini Portable Wireless Karaoke (HANDY-KARAOKE) for family use (not allowed for commercial use)
 - * Wireless support with audio source for FM frequency
 - * Voice support with Dynamic Microphone
 - * Available FM bands
(using similar frequencies with commercial radio bands)

in U.S.A : 106.2 ~ 107.6 MHz
in Korea : 104 ~ 108 MHz
in Japan : 87.6 ~ 90.0 MHz

- 2) Saves and Stores songs in chip-sized cartridges.
 - * Save capacity for songs : Body-400 songs,
Korean songs-1,000 songs
 - * Additional cartridges are interchangeable
(200 song capacity) : DSP chip

- 4) Can be used at anywhere, anytime (house, car, and outside)

2. Specifications

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COMPOSITIONS (Parts)

1. Parts List

- 1) Body
- 2) Antenna
- 3) Operation Manual (1 copy)
- 4) Song Book (1 copy)
- 5) Carrying Case (1 each)



1)



2)



3)



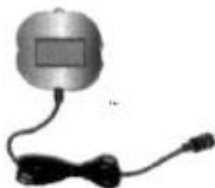
4)



5)

2. Option Parts (Scheduled to sell)

- 1) LCD Caption Unit
- 2) Additional cartridge (song chip)

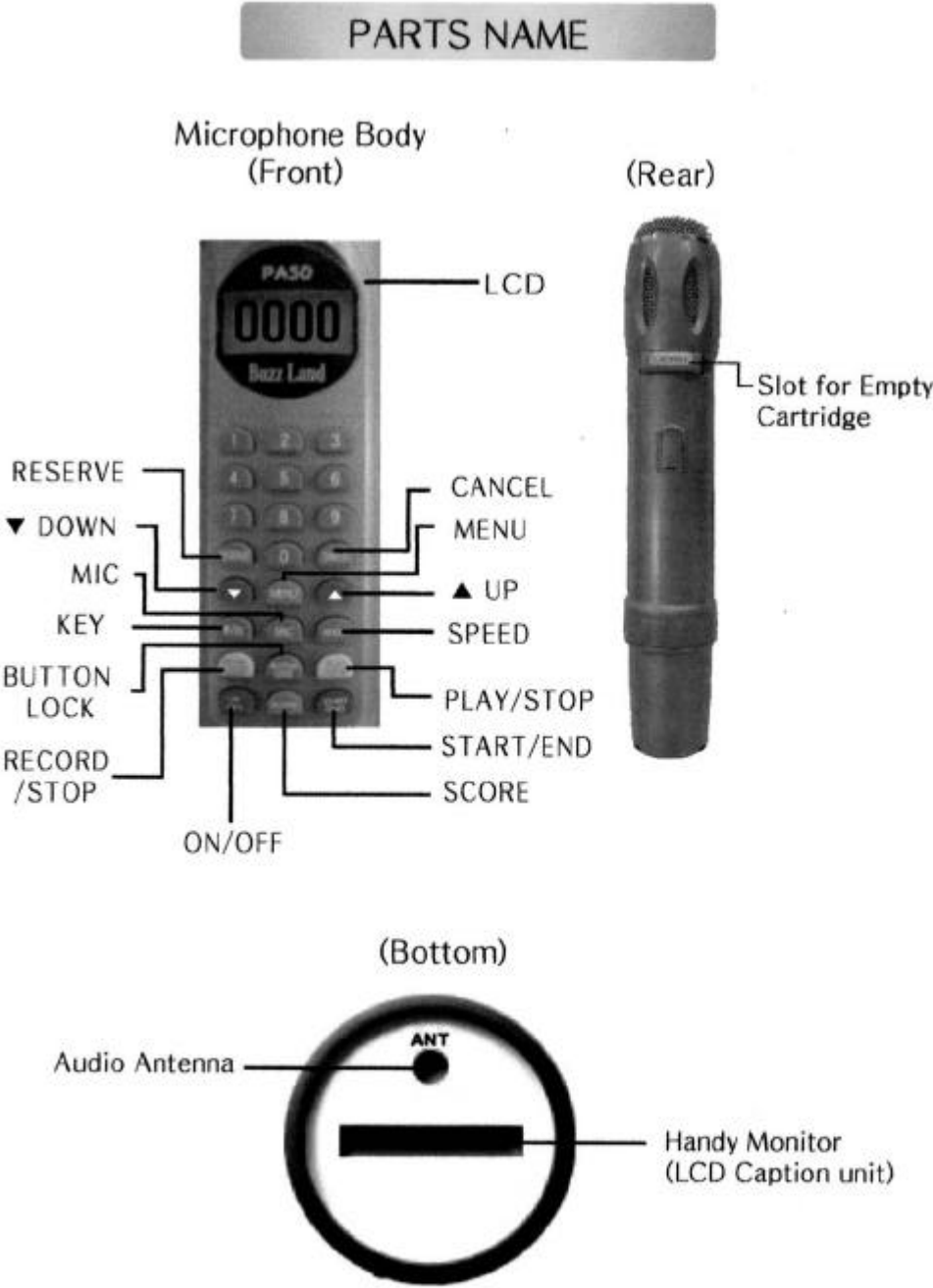


1)



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FUNCTIONS

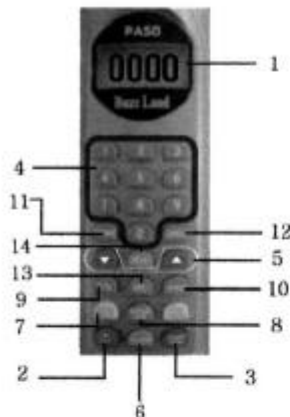
1. Major Functions

- 1) Power On/Off functions ON/OFF
 - 2) Reserve and Cancel functions RESERVE CANCEL
 - 3) Function for selection of songs 0 1 2 3 4 5 6 7 8 9
 - 4) Accompaniment Play/Stop functions PLAY/STOP
 - 5) Key mode control functions KEY
 - 6) Play (Accompaniment) speed control functions SPEED
 - 7) Microphone volume control functions MIC
 - 8) Function set-up (Function Button) MENU
 - 9) Locking button BUTTON LOCK
 - 10) Score display SCORE
 - 11) Recoding music or sound RECORD/STOP
 - 12) Play (Song recorded) PLAY/STOP
- FUNCTION
Button
- Play VOLUME control
 - Play MELODY volume control
 - Microphone VOL MODE control (-12 ~ +12)
 - VOICE MODE VOL control
 - (Modulated voice Male Female, Adult Child)
ECHO set-up function
 - DELAY set-up function
 - FM FREQ set-up function (Push 8th function key and LCD will
show the frequency and tune up the clearest reception audio
band through pushing and buttons)

U.S.A : 106.2 ~ 107.6 MHz
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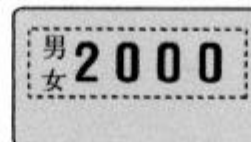
FUNCTION DETAILS



(Picture 1)



<Stop Mode>
Display moves
on bottom



<Play Mode>
Functions set-up
displays on bottom

(Picture 2)

- ① LCD : Displays the number of song and various functions.
- ② ON/OFF : Turn on the Power with a push of this button and place the karaoke machine in functional mode. Push it again and the display goes off and powers off all functions.
- ③ START/END : In power on mode, input song number by pushing number buttons or using the (up) and (down) buttons to select numbers, and with a push of the START/END button, play mode will be displayed on the LCD as shown in (Picture 2) and play begins. With one more push of the START/END button, play ends.
- ④ 0 ~ 9 (Numeric Keys) : Push the number keys to select songs and to start playing the karaoke, push the PLAY/STOP button.
- ⑤ (up) and (down) buttons
Search Mode : With the pushing of the (up) (down) buttons, search automatically stops where songs have been reserved, and when the PLAY/STOP button is pushed in this mode, play starts.
Function set-up mode : After pushing the KEY , SPEED , MIC , MENU button, push the (up) or (down) buttons to set-up each function mode, and then
- ⑥ SCORE : Push the SCORE button and place score display on mode. the score and the specific expression of the score are displayed as follows.
- ⑦ RECORD/STOP : Push the RECORD/STOP button to record the music or the sound under song, it can record for a maximum of 4 minutes. Recording will be stopped if it pushes again.
- ⑧ BUTTON LOCK : In BUTTON LOCK button on mode, if a music starts, the other buttons are locked. This function can prevent that a song stops and changes by the error which pushes an incorrect button.
- ⑨ KEY (Function Mode) : After pushing the KEY button, push the (up) or (down) buttons to set-up preferred Key mode for the selected song.

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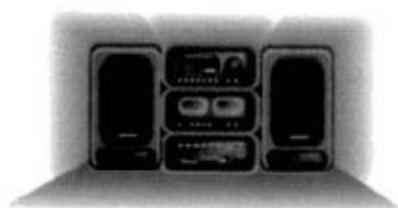
- ⑩ SPEED (Function Mode) : After pushing the SPEED button, push the (up) or (down) buttons to set-up preferred Speed for the selected song.
- ⑪ RESERVE : Push the number button of your selected songs and push the RESERVE , and the number of the reserved song blinks on the display and will also be displayed on top of the Handy Monitor. The reserved song will automatically start after the current song finishes. Thirty songs may be reserved.
- ⑫ CANCEL : To cancel reserved song(s), be sure to push the reserved song number prior to pushing the CANCEL button.
- ⑬ MIC (Function Mode) : After pushing the MIC button, push the (up) or (down) buttons to set-up preferred Volume for the Microphone.
 - a. If 10 seconds elapse after pushing Function buttons, the function mode attempted will be cleared.
If another function mode button is pushed, the previous mode will be cleared.
(For example, if the user pushes the KEY button, and then pushes the SPEED button the function will automatically delete the previous attempt for KEY function control.
 - b. If the user pushes the (up) or (down) buttons or buttons other than the function buttons, the unit will delete all functions set-up previously.
 - c. If the user wants to reset any mode of function that has been previously set through an error, push Power and the 7 button together hold them both for a moment in the power off condition, and the unit will turn on again and reset all modes.
- ⑭ MENU (Function set-up button)
As the user pushes the Function button, the letters SE-t will be displayed. Hold the button for about 2 seconds, and the unit will turn to enable mode. With every push of this
FUNCTION 1 button, each set-up menu of the function will be displayed on the LCD, and set-up of each mode will be possible by pushing the (up) or (down) buttons.
 - a. Set-up mode of message transmission method
 - Score display mode : Displays score and messages
 - Corrects unit displaying letters on inner and outer microphones
 - Displays numbers of reserved songs by Rcount method when reserving more than 4 songs
 - b. Video Freeze mode
 - Video freeze mode and time varying image treatment
 - Activate set-up of function in main menu mode
 - c. Displays set-up function
Key sound On/Off, Power On/Off, Score On/Off, Stereo On/Off,
● and Freeze On/Off
 - d. Set-up of button function alteration
 - Power ON button Power On/Off button
 - Power OFF button Display set-up control button (as of c.' column above)
 - e. Selection of song by genre functions

☞ All modes once set-up will be maintained even in power off conditions

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CONNECTION DIAGRAM

1. Connect to Audio <Diagram A>



◆ Audio Mode : set to FM Band

◆ Tune up Frequency
U.S.A : 106.2 ~ 107.6 MHz
Korea : 104 ~ 108 MHz
Japan : 87.6 ~ 90.0 MHz

◆ LCD Caption unit



◆ Insert Wireless Antenna

* Cautions for using batteries

1. When batteries wear, the LCD displays "LOW" every 10 seconds and a beeping sounds (Batteries should be changed at this moment)
2. If more than 5 minutes elapse in Non-Play mode, the unit automatically cuts off the power (Saves battery's wear)

OPERATION MANUAL

1. Connecting with Audio

1) Functions

Only the audio data stored in the Handy-Karaoke unit will be played through the Audio system.

2) Operation Method (Utility)

- ① Turn on the Audio system.
- ② Connect the wireless antenna into the Handy-Karaoke unit.
- ③ Turn on the power of the Handy-Karaoke unit and the LCD should display 0000 .
- ④ Tune the reception of the audio into bands not occupied by broadcasting (as the systems without Auto-Mute function). Refer to operation manual or product specifications to verify the Non-Occupied bands. Doubled with occupied band may cause noises.
If the system makes noises, reset reception bands up or down for clearer reception.
- ⑤ Set frequency shown on LCD of the Handy-Karaoke unit as the same with the bandwidth set up on the Audio system.
- ⑥ Choose the songs to be sung from the songbook and input the number of the songs by the numeric buttons.
(Refer ④ & ⑤ of page 8)
- ⑦ Push the PLAY/STOP button and the song will start to play.

☞ Using Handy-Karaoke by battery operation

- * Open the battery lid at the rear of the unit and insert batteries (4 x 1.5V AAA batteries)
- * When batteries wear, the LCD displays LOW every 10 seconds and a beeping sounds
(the unit can be used a while in this condition, but noises may occur and the batteries should be change at this moment)
- * To save the batteries' wear, if Non-Play mode occurs for more than 5 minutes, the unit will automatically cut off the power
- * Battery wear is about 3~4 hours consecutive use and about 10 hours maximum

CARE INSTRUCTIONS

1. Direction of Proper Use of the Handy-Karaoke system

- ① If the Handy-Karaoke system fails to turn on with the Power, wait for about 5 seconds and turn the power of the unit on again.
- ② Insertion and removal of cartridges from the unit should be executed in power off mode.
- ③ Be sure to check that the power is off when connecting the cord to the Handy-Karaoke unit.
- ④ Every song selected with numeric buttons show Male or Female on the LCD display, and songs that do not show this display have no stored song with it.
- ⑤ Check all set-up function modes when voice quality is not clearly responding, or reset all set-up modes for better voice quality.
(Refer ⑩ c. of page 9)

PRECAUTIONS

- a Please do not remove or disassemble the body of the Handy-Karaoke unit.
- b This product is licensed with copyrights for the songs stored in the unit and are subject to use for family purposes only.
Please note using
(or playing) the unit in a commercial location should get an additional copyright agreement.
- c Please use the exclusive adapter included in the product package.

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2. Precautions for Equipment Safety

This "Precautions for Equipment Safety" is for protecting clients from Danger and Accident through proper and safety use. Be sure to read this Precautions for Equipment Safety and Instruction Manual carefully before using the product.

Keep this leaflet in a visible area after reading.

- ① Use exclusive Adapter (100~220V AC)
or 4 AAA batteries (1.5V x 4).

- ② Please do not pump up the volume too high
from the start when using with radio or audio.



- ③ Do not place the unit near flammable
or warm places.

- ④ Be sure the unit does not get wet,
and do not allow any substances
to penetrate it.



- ⑤ Do not let extra song cartridges
be placed near magnetic fields or soaked,
otherwise the songs stored in the cartridge
may be erased.

- ⑥ Wipe the unit with dry cloth and brush
away dust with a dry brush, cleaning
the cable connecting point, etc



NOTICES TO USER

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

One or more of the following statements may be applicable:

FCC WARNING

CAUTION : Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user' s authority to operate the equipment