Thank you for your purchase
Please read this carefully before using your Magicsing.

Congratulations on your purchase of this Enter-Tech, MAGICSING. With this karaoke system, you can enjoy your singing. Bring your people together! Spotlight your talent! anytime! anywhere!

User's Manual | ED-9000

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PRECAUTIONS

! Use only the adaptor included with the MAGICSING. There are many adaptors that are plug compatible with the jack of the MAGICSING, but have different electrical specifications. These adaptors would work only for a short period of time but would very soon damage the MAGICSING.

! Do not drop the MAGICSING. Any sign of cosmetic or internal damage due to dropping is not covered under the warranty.

! Do not insert or remove Song Chips while the MAGICSING is still powered on.

! Do not store the MAGICSING in the direct sunlight, in a high temperature, or high humidity area.

! Do not use strong chemical solutions when cleaning.

! Do not press on the LCD or LED part.

! Never use a sharp object on the keypad.

! In case the MAGICSING was stored in a high temperature setting, allow sufficient time to cool down before using the MagicSing.

! Do not immerse in water or splash water on MAGICSING, water damage is not covered under warranty.

! Do not take apart the MAGICSING. This will void the warranty.

SPECIFICATIONS

ED-9000 MAIN KARAOKE / Wired Microphone

- Model No. MAGICSING ED-9000
- Battery AC adaptor (DC 8V / 500mA)
- Sound Engine SAM2133
- Dimension 45(W) x 45(H) x 260(D) mm
- Weight 478g (Including Cable)
- TV Channel Video Channel (NTSC / PAL)
- Image Color True Color / 720 x 480 (Interface)
- Overflow (Under 10V) Built-in Protection Circuit for Reverse Voltage
- Operating Temperature -20°C +65°C (-4°F - 149°F)

EX-9700/9800/9900 SUB KARAOKE / Wireless Microphone

- Model No. MAGICDUET EX-9700 / 9800 / 9900 Series
- Frequency FM 700 - 900 Mhz
- Battery AA Batteries x 2
- Dimension 40(W) x 242(H) x 452(D) mm
- Weight 150g (Excluding Batteries)
- Wattage 90mA / 21mW
- Operating Temperature -20°C +65°C (-4°F - 149°F)
OPTIONAL ITEMS

- Wireless Sub Microphone
- Recording Pack
- Additional Song Pack
- Car-Adapter

Enhance the fun with a second Wireless Sub-MIC.

You can add additional song chips to your collection. (Refer to Chapter.04-02)

You can record your own songs using this. (Refer to Chapter.03-03)

BASIC ITEMS

- ED-9000 Main Karaoke
- User's Manual
- AV Cable - RCA
- Songlist Book
- AC Adaptor 8V
MAGICSING ALL-IN-ONE KARAOKE

1. LED Display
   Display power ON / OFF

2. Up/Down Button
   Scroll up/down from the current song to key, tempo, microphone volume, music volume, echo, etc.

3. Power Button
   The power button ON & OFF

4. MIC Button
   To display functions: Main MIC Vol > Echo > Sub MIC Vol
   adjust the levels (0 - 15) by using ▲/▼ buttons.

5. KEY Button
   To display functions: Key > Tempo
   adjust the levels (-7 - 8) by using ▲/▼ buttons.

6. Play / Stop Button
   Press once to play, again to stop

HOW TO CONNECT TO A TV

Connect AV cable to RCA jack terminals in your TV as shown above.
If there are only two RCA jack terminals in your TV (Mono TV), then please connect the Yellow jack (Male) into the Yellow RCA jack terminal and connect the White jack (Male) into the other RCA jack terminal of your TV.

HOW TO CONNECT TO A TV & STEREO (SOUND SYSTEM)

Connect AV cable to RCA jack terminals in your TV as shown above.
## Additional Function - Recording

1. **Record into Internal Memory** (up to 1min and 30sec)
   - To recording:
     - Select a song
     - Press MODE + (to stop recording at anytime press (■/■) play button
     - To replay recorded song press MODE and (■) down at anytime

2. **Record into Recording Pack** (up to 40Mn - 50Mn)
   - To recording:
     - Insert the recording pack (Refer to: Chapter.04-02)
     - Select a song
     - Press MODE + (to stop recording at anytime press (■/■) play button

   - To replay the recorded songs:
     - Press mode and (■) down to list up the recorded songs on the screen and select a recorded song by (■/■) up/down button and press (■/■) play button to playback or stop at anytime.

   - To delete the recorded songs:
     - Press MODE and (■) down to list up the recorded songs on the screen and select a recorded song by (■/■) up/down button and press MIC button to delete (You may not be able to delete recorded songs from sub microphone)

   - If there is no recording pack in a slot, recording function work with only trial recording stage in internal memory.

## Additional Function - Random Song Selection

Random Song Selection
- Press MODE and (■) up key on initial stage

## Additional Function - Games

1. **Song Contest**
   - Divide into 2 teams (A team VS B team), sing 3 songs randomly in turns, figure out total score and decide a winning team.

## Chapter.03 - Functions & Setting

### Mode Button
To display the functions of MENU & Configuration

<table>
<thead>
<tr>
<th>MODE</th>
<th>1</th>
<th>MIC Vol</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(You can adjust the mic volume with 15 levels by using the ▲/▼ Buttons)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MODE</th>
<th>2</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(You can adjust the MIC key with 15 levels by using the ▲/▼ Buttons)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MODE</th>
<th>3</th>
<th>Sub-MIC Vol</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(Allows you to adjust the sub-MIC volume with 15 levels by using the ▲/▼ Buttons)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MODE</th>
<th>4</th>
<th>Music Vol</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(Allows you to set the volume of the music, using the ▲/▼ Buttons)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MODE</th>
<th>5</th>
<th>Echo</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(Allows you to adjust the mic echo volume with 15 levels by using the ▲/▼ Buttons)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MODE</th>
<th>6</th>
<th>Tempo</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(Sets your tempo, using the ▲/▼ Buttons)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MODE</th>
<th>7</th>
<th>Recording</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(Refer to Chapter.03-02)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MODE</th>
<th>8</th>
<th>Melody</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(Allows you to set the volume of the guide melody, using the ▲/▼ Buttons)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MODE</th>
<th>9</th>
<th>RES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(It is used to pre-select (Reserve) songs. Select a song number, then press the these buttons (max.20songs but displays only 7 songs). If you select the next song using these buttons, it will start when the current song ended.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MODE</th>
<th>10</th>
<th>Games</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(Enjoy your game, 1. Song Contest / 2. Tuning Meter / 3. Othello / Mode: EXIT)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MODE</th>
<th>11</th>
<th>Random Song Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(Allow you to select a song randomly)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MODE</th>
<th>12</th>
<th>Replay</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(Allow you to replay the recorded songs at any time)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MODE</th>
<th>13</th>
<th>MIC Sub ON/OFF</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(Sets your microphone volume, using the ▲/▼ Buttons)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MODE</th>
<th>14</th>
<th>Continuous Play</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(Songs will be played automatically one after the other until you stop the play.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MODE</th>
<th>15</th>
<th>Pause &amp; Resume</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(Allow you to pause singing a song and re-press this button for resume.)</td>
</tr>
</tbody>
</table>

### CONFIGURATION

<table>
<thead>
<tr>
<th></th>
<th>SUB MIC</th>
<th>ON / OFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>SCORE CHECK</td>
<td>OFF / AMA / PRO / STAR</td>
</tr>
<tr>
<td>3</td>
<td>LYRIC LINE</td>
<td>AUTO / 1 / 2 / 3 LINES</td>
</tr>
<tr>
<td>4</td>
<td>LYRIC FORMAT</td>
<td>CENTER / LEFT-RIGHT / MIX ALL</td>
</tr>
<tr>
<td>5</td>
<td>REAL TIME SCORE</td>
<td>ON / OFF</td>
</tr>
<tr>
<td>MODE</td>
<td>EXIT</td>
<td></td>
</tr>
</tbody>
</table>
**Wireless Sub Karaoke**

1. Open the back cover of Main Microphone, then plug the receiving pack as in the picture shown above.

2. When pressing the MODE+MIC button of the Main Microphone, the monitor will display the Sub Microphone ON, and it will begin to function the channel.

3. Open the back cover of the Sub-Microphone, insert two AA batteries and press the power button. The Green LED light will be on and, it will start to function.

4. **▲▼ Button (up/down)**
   Scroll up & down from the current song to adjust key, tempo, microphone volume, music volume, echo, etc.

5. **RES Button**
   Allows you to reserve songs (Maximum 20 but displays only 5). If you select the next song using this button, it will start when the current song ends.

6. **POWER Button**
   The power button ON & OFF

7. **Play / Stop**
   Press once to play, again to stop.

**Othello**

**Introduction**

This is the famous reverse Othello game. Reverse or two player game (human vs. auto) is normally played on an 8 x 8 grid. The object of the game is to fill the board with your own color of pieces. You win if at the end of the game there are more pieces of your own color on the board than your opponent's. The initial setup of the board is two pieces each player, placed diagonally to each other in the centre of the board.

Each player in turn places a piece on the board, starting with the player using the black pieces (human player). A valid move is one where you can turn at least one of your opponent's pieces into a piece of your color. You can do this if when you place on the board, it terminates a continuous line. All of the pieces in the line are then flipped to your color. Lines can be in any of the eight lateral and diagonal directions from the position you have chosen. If there is more than one such line of pieces, all of them are flipped to your color.

**Basic rules of the game are**

1. The player with the black pieces goes first, and then play alternates.
2. To make a move, you must be able to flip at least one of your opponent's pieces to your color, by completing a line of pieces as described above.
3. If you can make a valid move, you must.
4. If you can't go, you must pass your turn and your opponent plays again.

**Control Key**

<table>
<thead>
<tr>
<th>Key</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Left</td>
<td></td>
</tr>
<tr>
<td>Right</td>
<td></td>
</tr>
<tr>
<td>KEY</td>
<td>Start</td>
</tr>
<tr>
<td>Down</td>
<td>Up</td>
</tr>
<tr>
<td>MODE</td>
<td>Exit</td>
</tr>
</tbody>
</table>

---

*Optional Items - Chapter 04*

*Chapter 03 - Functions & Setting*

2. **Tuning Meter**
   Exercises your vocal pitch with this function.
   - Select male or female.
   - Press button 1 - 7 (Do~Si)
   - Press ( ▼/▲ ) up & down button to Change the octave
   - And press ( ▼/▲ ) up & down button to select a scale and press ( ▼/▲ ) play & stop button to replay the pitch.
   - Press MIC button to change the instrument (Initial instrument: piano)
   (An electronic organ- guitar- violin- trumpet- half- piano)
   - Press MODE button to close

---
Additional Information - Chapter.05

CAUTION
Please do not use the MAGICSING if you think it is having difficulties.

- If you smell something weird, the MAGICSING begins to smoke or makes a strange noise, please pull out the USB cable, turn off your PC immediately and unplug the MAGICSING from the power outlet.
- Do not place the MAGICSING in locations that are-
  - Very humid (moisture), dusty or dirty, extremely hot or cold.
- Do not plug in if the MAGICSING is wet. Immediately contact the service center. If any solid object or liquid gets inside of MAGICSING, unplug it and have it checked by a service center.
- Do not disassemble or repair or modify the MAGICSING by yourself.
- Do not place heavy objects on MAGICSING, do not drop the MAGICSING. Do not throw the MAGICSING.
- Please do not use strong chemicals to clean the MAGICSING, as these chemicals may damage the unit. Keep the MAGICSING away from Pets and small Children.

USE THE RECOMMENDED ACCESSORIES ONLY
Do not use the different adapter when using it, that may cause damage to the product.

DC 8V / 500mA

In case of problems Please check the following recommendations.

Chapter.04 - Optional Items

Additional Song Packs
You do not have to stick with the built in songs only, you can add additional song packs to your collection.

How to Setup the Additional Song Pack
Turn OFF the power. It is very important to power off first before removing or adding any additional Song Pack.

- Please turn off the power of the MAGICSING.
- Press down the back cover of MAGICSING as an arrow then remove the back cover.
- Please make sure that the arrow direction of Song Pack is pointing upward when you insert the Song Pack. (Additional 4 Song Packs can be inserted.)
- After Song Pack is inserted then close the back cover as normal.
- Please turn on the power of the MAGICSING.

How to Add the Song List
- Press the top and bottom metal tab of the binder to open the binder rings.
- Insert the new song list between the binder rings.
- Close the binder rings.
**CUSTOMER & A/S SERVICE**

**U.S.A**
ENTER TECH ES2 TECH CORP  
2642 Gates Ave, IRVINE, CA 92606, U.S.A  
E-MAIL: chris@enter-tech.com

**EUROPE**
ENTER TECH, GERMANY OFFICE  
European marketing division  
KOREA Business Development Center (SBC)  
Industriestrasse 34, D-65760 Eschborn, Germany  
TEL: +49-6196-776822 | FAX: +49-6196-779822

**PHILIPPINES**
ENTER INTERNATIONAL PHILIPPINES INC.  
Unit 1, Ground Floor, Building 2, Jannov Plaza  
2295 Pasong Tamo Ext., Makati City, Philippines  
TEL: +63-2-848-5415, +63-2-891-0584 | FAX: +63-2-891-0583  
E-MAIL: ap@globelines.com.ph

**CHINA**
ENTER TECH, CHINA FACTORY  
Enter-Tech Co., Ltd. China Factory  
Badai Ind.Area, 46 Xinha Road, Shangmaga-Cun, Finghe-Zhen, Longgang-Qu, Shenzhen, China  

**INDIA**
ENTER TECH, INDIA OFFICE  
Flat No.206 on 2nd floor in “C” wing of the building Panchtana2,  
Yari Road, Versova, Andheri (west), Mumbai 400 061, India  
E-MAIL: shinfrog@dreamwiz.com / charlie@enter-tech.com

**SOUTH AMERICA**
NEKA  
Manzana 38, Lotes SV6, Zona Libre de Colon Republic de Panama  
TEL: +507-431-1754 | E-MAIL: ykimpanama@yahoo.com

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**TROUBLE SHOOTING**

In case of problems please check the following recommendations

**If MAGICING doesn’t power up**

A. When you are using the adaptor  
Please make sure the adaptor is plugged into the power outlet correctly.  
Check that the male plug if it is properly inserted into the female jack.

B. When you are using the battery  
Please check if the battery type is AA, and if battery life is low, MAGICING may not power up or work properly.

**If the user’s voice could not be heard**

Press MIC button and check the volume of the main microphone.

**If the TV does not show pictures or sound**

Make sure all the AV connections are properly connected according to the correct colors. Check if the TV is already in the video mode.

**When the TV screen stays still and the MAGICING won’t turn off**

Press the power button for 3 seconds or longer to turn off the MAGICING.

**When the video does not show properly**

To convert to PAL mode, press and hold button 8, Do not release this button yet. Using another finger press and release power button. Do not release button 8 until the word PAL appears on the TV screen. To convert to NTSC mode, press and hold button 9, Do not release this button yet. Using another finger press and release power button. Do not release button 9 until the word NTSC appears on the TV screen.

**If there is any doubt about the product’s performance**

Press and hold the 0 button, Do not release this button yet. Using another finger press and release power button. Do not release the 0 button until the words “USER RESET” appears on the TV screen.

**When the External Video Input function does not work**

Make sure the External Video Pack is properly placed in its slot adjacent to the duet receiver Slot. ( This function is optional )