USER’S MANUAL

3600 DELUXE

SPECIAL FEATURES

Support for disks

Karaoke support various functions
- iFUN: score intelligently for each singing.
- iSTAR: automatically adjust the tone appropriate with user’s voice.
- iHARMONY: use the user’s voice to harmonize with background music (Chorus).
- Automatically play continuously random song when the device is on standby mode.
- Reserve the song and clear the reserved song as preference.
- Adjust the song’s key and tempo appropriate with each voice.
- Increase/decrease the song’s melody as desired.
- Install greetings/lines on the screen in Vietnamese.
- Score and applause as preference.

Qualitative picture, transparent and clear sound
- Decoding technique MPEG1, MPEG2 and MPEG3.
- High quality sound with digital effect.
- High quality Video Background (MPEG2).

A lot of advantageous functions:
- Function of presetting the song and helps to preset 500 songs.
- The list of new songs.
- Favorite songs.
- Language is displayed in Vietnamese and English.
- USB interface: record; play picture and audio data of all formats MP3, MP4, WMA, WAV...
- Use DVD ROM (ATAPI)
- DVD disc can play up to 135’, including 8 languages and 32 different captions
  - MPEG-2 helps compress picture with high quality sound; creates the great, lively audio and picture as in the theaters.
NAME OF EACH PART

Front panel

Numbers keys to select the song
Light to display the code of the song
Key to adjust the key
Key to adjust the tempo

Disc tray

Power

Control key

Key to delete the song

Rear panel

5.1 ch audio port
Stereo audio port
Coaxial port

Connect to Digital audio
USB interface

Video port
S-Video port

Scoring port

Accessories

Remote control
Pair of AA batteries size 1.5V
Audio cable
Video cable
User’s manual
Karaoke disc
Song book
BASIC CONNECTION

Connect to TV

5.1ch audio

Connect to 5.1ch Amplifier

5.1 ch Amplifier

Subwoofer Speaker

Rear speaker (right)

Rear speaker (left)

Front speaker (right)

Front speaker (left)

Center speaker
1. **iFUN/F3:**
   - MIDI: helps on/off intelligent scoring feature (iFUN) and move the song to the priority (SELECTED SONG)

2. **F1/SUBTITLE:**
   + MIDI: delete the song in the list
   + DVD/VCD: helps select displayed language (caption) in DVD play (must be supported by disc)

3. **F2/TITLE:**
4. **VOCAL/AUDIO:**
   - +MIDI: helps turn on/off vocal or chorus
   - +DVD/VCD: select the voice-over language

5. **PROG/MELODY:**
   - + MIDI: use MALE/FEMALE key to increase/decrease the melody volume
   - + DVD/VCD: set the playlist

6. **MENU/PBC:**
   - + MIDI: helps select MENU application
   - +DVD/VCD: MENU of disc information and PBC feature (VCD 2.0)

7. **ZOOM/iSTAR:**
   - + MIDI: activate iSTAR feature (off/normal/professional)
   - + DVD/VCD: feature of zoom in picture (2x-5x)

8-9. **NEXT/KEY+/PREV/KEY -:**
   - + MIDI: increase/decrease the song key
   - + DVD/VCD: helps move to next/previous 01 Track/Chapter

10-11. **WORD (TEMPO) +/-:**
   - + MIDI:
     - Move the song position in the list of selected song at SELECTED SONG section and the song with increasing number of characters in searching
     - Increase/decrease the song tempo
     - + DVD/VCD: fast searching to previous/next song

12. **RECORD/LANGUAGE:** Record the song (see page 13)

13. Move up/down, left/right in selecting the song (left/right key to previous/next page in searching for the song), or while setting the device, press ENTER to confirm the operation. Select male/female tone

14. **SEARCH/SMART SELECT:**
   - + MIDI: Search for the song contents as per its author’s name,…
   - +DVD/VCD/CD: can fast searching to the period of time when the device is playing

15. **SETUP:** set the device’s configuration

16. **OSD:** Display the disc information being played

17. **MUTE:** helps interrupt sounds in device play

18. **OPEN/CLOSE:** load/eject the disk tray

19. **Keys of number/alphabets:** helps select the code of the song or search for the song as per the alphabet (MIDI)

20. **BACK SPACE/CLEAR:**
    - MIDI: Clear a character incorrectly entered in searching the song or clear the code of the song incorrectly entered

21. **SLOW/SELECTED SONG:**
    - + MIDI: display the song being played and reserved in the list
    - + DVD/VCD: Slowly play the pictures

22. **PLAY/PAUSE/PRIORITY:** play/pause/store a song in the priority in Midi Karaoke use

23. **STEP/iHARMONY:**
    - + MIDI: iHARMONY feature (see page 1)
    - + DVD/VCD: Slowly play each picture
24. **STOP**: stop the song being played and move to the next song (MIDI)
25. **REPEAT**: repeat the song being played
26. **A-B/LANGUAGE**:  
   + MIDI: Change of language VN/EG/CN when searching for a song (Midi Karaoke)  
   + DVD/VCD: Repeat a selected section of pictures
27. **ANGLE/APPLAUSE**:  
   + MIDI: Effect of applause  
   + DVD: helps see the effect of DVD view angle (must be supported by disc)
28. **RETURN**: return to previous operation
29. **VOL +/−**: increase/decrease the volume in play
30. **FAVORITE**: List of favorite songs installed previously

**SYSTEM SETTING**

- Press SETUP to set configuration for the device.
1. **General setup**: helps adjust some main features

- **Screen saver**: mode of playing screen saver program automatically when the device is in pause
- **Lock the program**: select the scale to lock the children (supported by DVD disk)
- **Restore settings**: restore the original settings

![General setup settings menu]

2. **Video setting**: helps adjust the displayed mode on screen

- **Color system**: set the color system to match with the device being used (TV)
  - Auto/NTSC/PAL/Progressive (480P)/Progressive (576P)
- **Displayed mode**: set the rate of picture display on screen
  - 4x3 Letterbox/ 4x3 Standard/ 16x9 Widescreen
- **Video output**: select signal output.
  - S-Video
  - * Code: “7890”

![Video setting settings menu]
3. **Audio setting**: helps select audio output

- **Digital output**: 5.1ch audio
  - + Dolby Digital
  - + DTS
- **Stereo**: when turn off this feature, the device will change to 5.1ch mode
- **Speaker Setup**: set 5.1ch audio FL,FR,SL,SR,CENTER,SUBWOOFER
  + Speaker: small/large
  + Distance: 1.0M~6.6M
  + Volume: 0dB~ -10dB
- **Sampling frequency**: 48K/96K
- **Pro Logic II**: virtual sound emulator for some effects in playing DVD movies

4. **Languages**: set the displayed language in Vietnamese/ English/Chinese

   - **Displayed language**: set main displayed language for the device.
   - **Disk language**: select default language for disk (must be supported by DVD disk).
   - **Voice-over**: select default voice-over language in DVD play (must be supported by disk).
   - **Caption**: select default caption language in DVD play.

5. **Karaoke setting**: set Karaoke feature

   - 3-i: set feature of intelligent scoring
+ Cheer scoring (iFUN): on/off scoring mode
+ iHarmony: off/on/auto, use the user’s voice to make chorus
+ iStar: off/normal/professional, adjust the user’s voice appropriate with the tone.

- **Scale**: set score scale
  - Scale: non-professional/normal/professional
  - Score: on/off scoring mode
- **Lyric**: on/off the lyric of the song
- **Background picture**: set background picture in Midi Karaoke play (DVD/blue background picture)
- **Drive lock**: helps users lock the drive in Midi karaoke use.(**)

- **Favorite song**: helps preset the favorite song to make a playlist of the user by inputting the song code in the song book then press ENTER to store and RETURN to exit, the user can store up to 400 songs.
- **Install greeting**: helps install the greeting on displayed screen, use arrow key to select the character and press ENTER to choose this character, each line contains up to 24 characters (see function of key 13 in page 5)
BASIC OPERATION TO USE MIDI KARAOKE

I. Helps preset 500 songs
   1. Input the code of the song to be played and press “PLAY/ENTER”
   2. In case of incorrect input, press “CLEAR” key to delete
   3. Press “ENTER” key to store the song to be preset

II. Set priority song when a number of songs were stored already
   1. Enter the code of the song to be preset accordant with the code in the “Song Book”
   2. In case of incorrect input, press CLEAR key to delete
   3. Press “PRIORITY (PLAY)” to store the priority song
   4. Select and fast searching a song by remote control:
      - Select the song directly by using the number keys, select the correct code specified in the “Song Book” and press PRIORITY (PLAY)/ENTER to play
      - Select the song fast without the “Song Book”, press Search key on the remote control to open the song list including many different languages Vietnamese (VN), Chinese (CN) English (EG), Korean (KR). To select the song of a country, press Language (A-B) key to move to the song list of that country.
         + Search for a song as per the alphabet (abc) of the first characters of its title, press the number keys on the remote control corresponding to the specified character to start searching
         + For example, to search for the song with the first character of its title is K, press number 5 key continuously until displaying character K, then the list of songs on the right will automatically display all the song titles beginning with the character K, press up/down key to select the song and press ENTER to store
5. Clear a song in the list of stored songs:
   - Clear one of the songs have been stored, to display the stored songs, press SELECTED SONG key to open the list of the songs, use the function key to perform the operation
     + F1 key to clear a song
     + F2 key to move the song to upper position
     + F3 key to move the song to lower position

6. Add a song to the favorite song list (Favorite):
   - When the device is on standby mode, press SETUP key on the remote control, select Karaoke setting\Favorite song. Input the code of the favorite song, press ENTER to select and move to next code, press RETURN to store and exit.
7. Select new song:

- Press **Menu\New song** key, the device will display the list of new songs, select the song and press ENTER to store or press PLAY to play.

8. Select popular song:

- Press **Menu\Popular song** key, the device will display the list of popular songs defaulted on disk. Select the song and press ENTER to play
SETTING IN MIDI KARAOKE DISC

* Some general features in Midi Karaoke use. Press **Menu** use arrow key to move and Enter key to select, use Return key to return to previous operation.
- **List of songs:** display list of all the songs (VN\EG\KR\CN)
- **Search as per author:** helps user search for a song as per author easily by using the supported character keys corresponding with number keys (see II.4, page 9)
- **New song, popular song:** search operation is the same as above
- **Favorite song:** list of the songs must be presented (see page 8)
- **Random play:** helps select how to play the song on disc according to each group: vocal/no vocal/all the songs
- **Recorded song:** the feature is only displayed when having USB
- **Configuration**
  + Lowest score: set lowest score scale when singing
  + Scoring music: helps turn on/off informed music when scoring
  + Transparence: on/off background color block of the vocal
  + Vocal: on/off the vocal or randomly change the color of the song when singing

SET iFUN FEATURE

- **Have two ways to set iFUN feature:**
  + Option 1: Select the feature directly on the remote control, press “iFUN” key, the device will notify that this feature is on or off
  + Option 2: Set “iFUN” feature from device’s system, press SETUP on the remote control to perform setting, select **Karaoke Setting\3\iFun scoring (off/on)**
  * Note: Scoring table of iFUN only displays when having lyrics

- **Set the signal source for iFUN feature:**
  + Select input signal for iFUN through MIC IN port, must connect the signal from MIC OUT of Amplifier to MIC IN port of the device, then iFUN feature will have effect
**USB CONNECTION**

- When the device is playing CD\VCD\DVD disc, conducting USB connection. The device will automatically identify. Press SETUP select USB to read the file from USB.

- **MP3+JPEG**: this feature helps the device playing both mp3 and picture in Jpeg format.
- **MP3+WMA**: read all files in Mp3 and Wma on USB.
- **DIVX FILE**: read all files in mp4 format (*.mp4\*.avi).
- **MPEG FILE**: read VCD file formats (*.mpg\*.dat).

* Note: If the device is using Midi Karaoke disc, the user will not select the file from USB.
Record the Voice

- If the users want to record the voice when using Midi Karaoke disc, we perform as follow:
  + Plug USB in USB port designed at the rear side of the device.
  + Press RECORD to conduct recording and select the song code to be recorded. If the users do not plug in USB, the device will notify to plug in and perform the operation again. If the users want to record the second song, press RECORD again and continue like that for the next songs to be recorded.

- Replay the recorded songs:
  + Press **MENU\Recorded song**, on screen will display the list of recorded songs, select the song and press PLAY to replay.

Troubleshooting

<table>
<thead>
<tr>
<th>Technical Problems</th>
<th>Specific</th>
<th>Repair</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not eject the disk tray</td>
<td>- The power-source cable not plug in</td>
<td>Plug the power-source cable in</td>
</tr>
<tr>
<td>The device not playing</td>
<td>- Not have disc in drive</td>
<td>- Put disc in drive</td>
</tr>
<tr>
<td></td>
<td>- Disc placed in opposite side</td>
<td>- Select the correct disc side</td>
</tr>
<tr>
<td></td>
<td>- Disc is too dirty or scratched</td>
<td>- Clean disc or change disc</td>
</tr>
<tr>
<td>No audio</td>
<td>- Not connect to Audio cable</td>
<td>- Connect to Audio cable</td>
</tr>
<tr>
<td></td>
<td>- Amplifier not operate</td>
<td>- Check Power key and Volume of Amplifier</td>
</tr>
<tr>
<td></td>
<td>- Disc is too dirty or scratched</td>
<td>- Clean disc or change disc</td>
</tr>
<tr>
<td>No picture</td>
<td>- Not turn on TV or incorrect Video mode</td>
<td>- Turn on TV, select right Video port</td>
</tr>
<tr>
<td></td>
<td>- Not picture disc</td>
<td>- Replaced by picture disc</td>
</tr>
<tr>
<td></td>
<td>- Not connect to Video port</td>
<td>- Connect to Video port</td>
</tr>
<tr>
<td></td>
<td>- Picture signal wire broken</td>
<td>- Replaced by a new signal wire</td>
</tr>
<tr>
<td>Picture moving up/down</td>
<td>- Incorrect system</td>
<td>- Adjust the correct system in SETUP/TV SYSTEM</td>
</tr>
<tr>
<td>Poor quality of audio/picture</td>
<td>- Disc is too dirty or scratched</td>
<td>- Clean disc or change disc</td>
</tr>
<tr>
<td>No audio in DVD play</td>
<td>- Song not have vocal support</td>
<td>- Select another song having vocal support</td>
</tr>
<tr>
<td></td>
<td>- The volume is too small</td>
<td>- Increase the volume</td>
</tr>
<tr>
<td></td>
<td>- Interrupt audio output</td>
<td>- Turn Mute key to Turn on</td>
</tr>
<tr>
<td></td>
<td>- Interrupt the vocal</td>
<td>- Press vocal to turn on the vocal</td>
</tr>
<tr>
<td>No Micro volume</td>
<td>- Interrupt Micro</td>
<td>- Turn on Micro</td>
</tr>
<tr>
<td></td>
<td>- Micro volume is small</td>
<td>- Increase Micro volume</td>
</tr>
<tr>
<td>Have the howl (feedback)</td>
<td>- Place Micro near TV or amplifier</td>
<td>- Move the Microphone away from TV or amplifier</td>
</tr>
<tr>
<td></td>
<td>- The volume of Amplifier/TV is too loud</td>
<td>- Decrease the volume of Amplifier/TV</td>
</tr>
<tr>
<td>Remote not operating (while the keys on device still operate)</td>
<td>- Place battery incorrectly or low battery</td>
<td>- Check the battery or replace the new battery</td>
</tr>
<tr>
<td></td>
<td>- Key stuck</td>
<td>- Press the key again to rebound</td>
</tr>
<tr>
<td></td>
<td>- Blocked by big obstacles</td>
<td>- Ensure that there are no obstacles between the device and remote control</td>
</tr>
<tr>
<td></td>
<td>- Control in far distance</td>
<td>- Reduce the distance under 10m</td>
</tr>
<tr>
<td></td>
<td>- Incorrect angle to receive signals</td>
<td>- Adjust the angle between the device and remote control less than 30 degrees</td>
</tr>
</tbody>
</table>
## SPECIFICATIONS

Voltage: AC 90 – 240VAC 50/60Hz

Power Consumption: 30W

USB interface


<table>
<thead>
<tr>
<th>Output</th>
<th>Video</th>
<th>S-Video</th>
<th>Component</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Y</td>
<td>C</td>
<td>Y</td>
</tr>
<tr>
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<td>1VP-P (750)</td>
<td>0.286 VP-P (750)</td>
<td>1VP-P (750)</td>
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<td>Pr</td>
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<td>0.7 VP-P (750)</td>
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<td>2Vrms(max)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Input</td>
<td>USB</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>