

Acesonic



Acesonic PK-1248 Road Master Pro 120W Karaoke/PA/ Guitar Portable Sound System With 7"LCD Touch Screen, Recording Function and Wireless Mic.

USER'S STARTING MANUAL

NOTE:

To ensure this component will work safely and to its fullest potential, please read this user's manual carefully before operation and keep for future reference.

www.acesonic.com

Acesonic PK-1248

Thank you for purchasing Acesonic's PK-1248. Acesonic takes pride in providing our customers with only the most advanced and highest quality karaoke products on the market. Please read through this USER'S MANUAL before operation to ensure proper usage, and keep for future reference. Enjoy!

Table of Contents

Table of Contents	1
Included Accessories	1
Front Panel Functions and Operation	2-5
MP3G Playback/Recording Module Operation	6-9
Microphone & Body Pack	10
General Operation	11
Specifications	12
Manufacturer information	12

Included Accessories

Please check to make sure all accessories are included. If anything is missing, please contact your dealer immediately.

- 1 Remote Control
 - 2 Wireless Microphone Handheld
 - 2 Wireless Microphone Receiving Antenna
 - 1 AC Power Adapter Cord
 - User's Manual/Warranty Card
 - USB Cable
 - DVD Front Panel Cover
 - AA Batteries
-

About this Manual

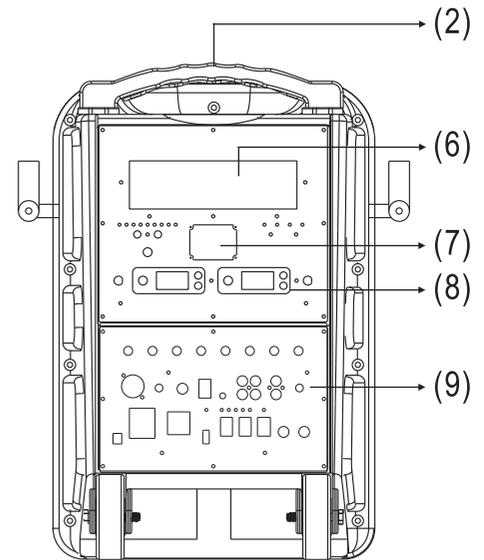
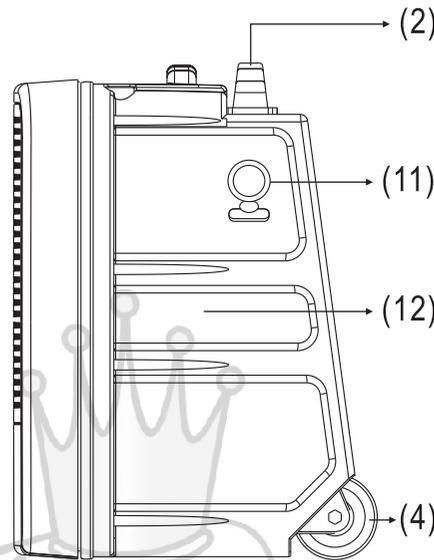
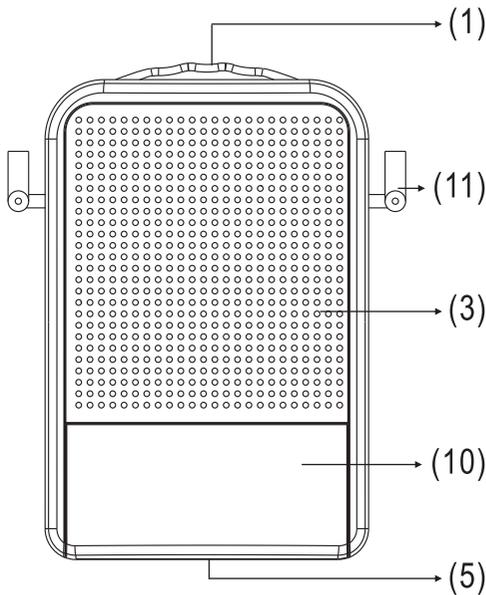
For easy reference, names of all functions and/or components on the hardware and accessories are denoted by upper-case letters.

Front /Rear/Side View

Speaker View

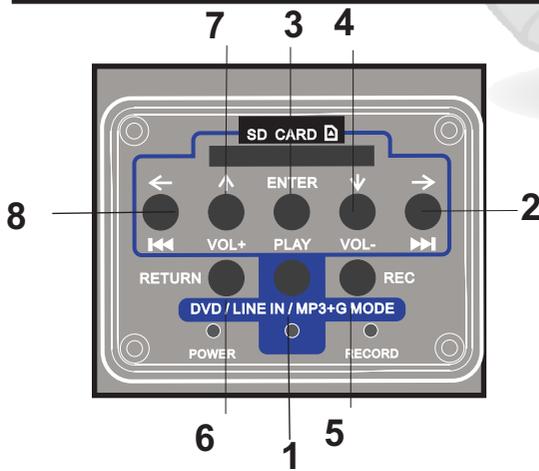
Side View

Front View



- (1) Extendible Carry Handle
- (2) Extendible Carry Handle
- (3) Speaker Mask
- (4) Wheels
- (5) Speaker Stand Hole
- (6) 7" LCD Touch Screen & Disc Player
- (7) MP3G Playback/Recording Module
- (8) Wireless Microphone Receivers
- (9) Control Panel
- (10) Batteries Cover
- (11) Microphone Holder
- (12) Speaker Case

Recording/MP3G Playback Unit



1.KEY CONTROL:

- 1. **LOW** button (b) - lowers music key by one half-tone.
- 2. **NORMAL** button (4) - resets music to original key.
- 3. **HIGH** button (#) - raises music key by one half-tone.

2.ARROW KEY & FAST FORWARD BUTTON- This button is using in RECORD MODE

3.PLAY/PAUSE BUTTON- This button is using in RECORD MODE

4.ARROW KEY & VOLUME DOWN BUTTON- This button is using in RECORD MODE

5.RECORDING BUTTON- This button uses to record the singing and music from selected A/V input. The recording file will be store on the SD card on the recording module, under RECORDING folder.

6.RETURN BUTTON- This button is using in RECORD MODE

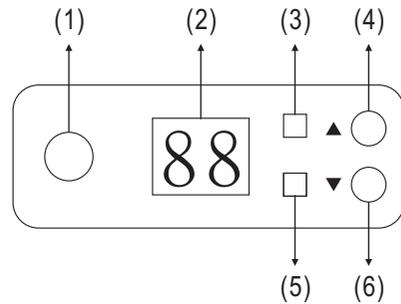
7.ARROW KEY & VOLUME UP BUTTON- This button is using in RECORD MODE

8.ARROW KEY & BACK FORWARD BUTTON- This button is using in RECORD MODE

Microphone Panel & LCD/DVD player

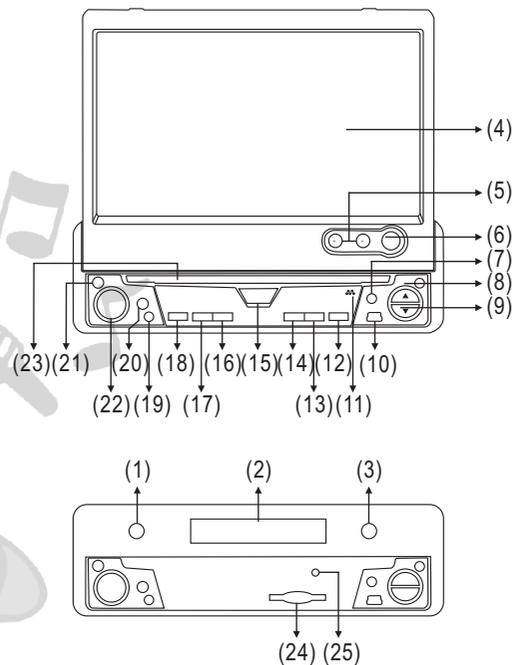
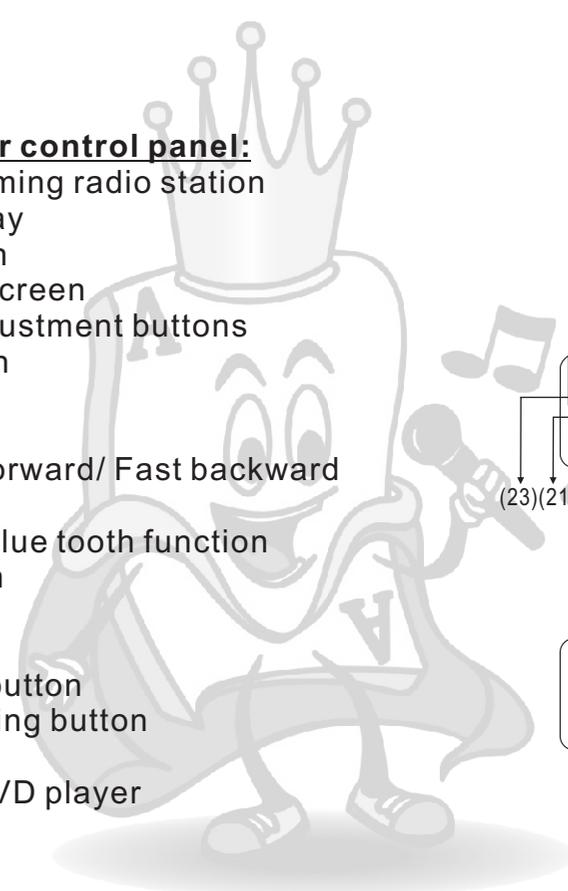
Wireless microphone control panel:

1. Microphone vocal volume
2. Wireless microphone channel display
3. IR signal launcher(only at #2 panel)
4. Chanal selecting button
5. Radio receiving indicator
6. Chanal selecting button



LCD monitor/DVD player control panel:

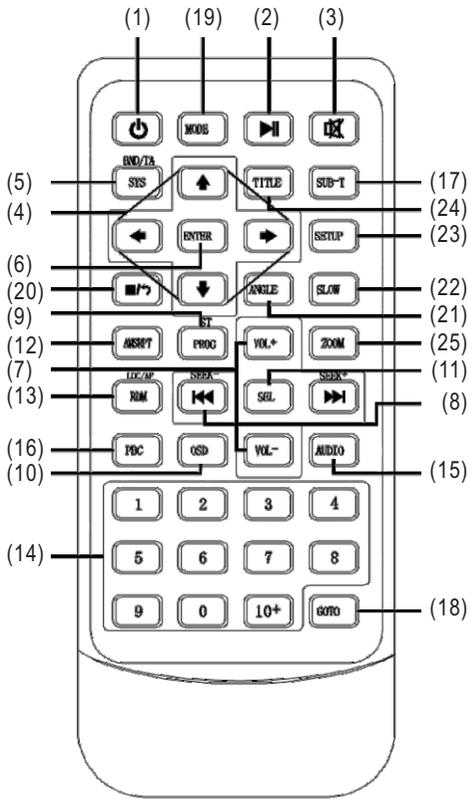
1. Auto Search/Programming radio station
2. LED information display
3. LCD open/close button
4. 7" color LCD monitor screen
5. LCD monitor angle adjustment buttons
6. DVD main menu button
7. Aux input
8. Connect
9. Previous/ Next/ Fast forward/ Fast backward
10. USB input
11. Microphone input for blue tooth function
12. Mode switching button
13. EQ selecting button
14. Band selecting button
15. front panel releasing button
16. Multiplex audio selecting button
17. Audio mute button
18. Power button of the DVD player
19. Play/Stop button
20. Remote sensor
21. Disc ejecting button
22. Main functions selection button
23. Disc tray
24. SD card slot
25. Player default setting



DVD Remote and Indicators

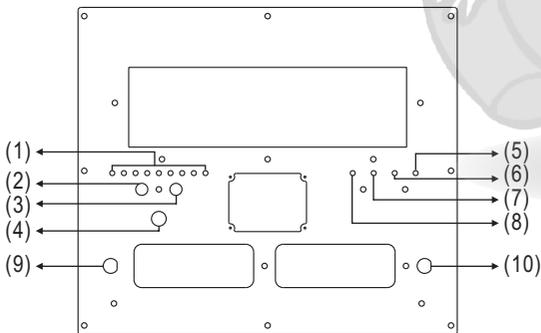
Remote Control for DVD Player:

1. Power on/off
2. Play/Stop
3. Mute
4. Arrow keys for menu selections
5. TV system selections
6. Enter
7. Volume adjustment
8. Song selection/fast forward/fast backwards
9. Programming
10. File display timer
11. Volume setting
12. Repeat display/ Auto save
13. Random display
14. Number keys
15. Multiplex - Sound channel switching
16. Menu
17. Title setup
18. File display timer setup
19. Modes switching
20. Stop/Back
21. Angel switching
22. Slow motion display
23. Setup menu
24. Title display
22. Video enlarge



Function indicators & wireless antennas:

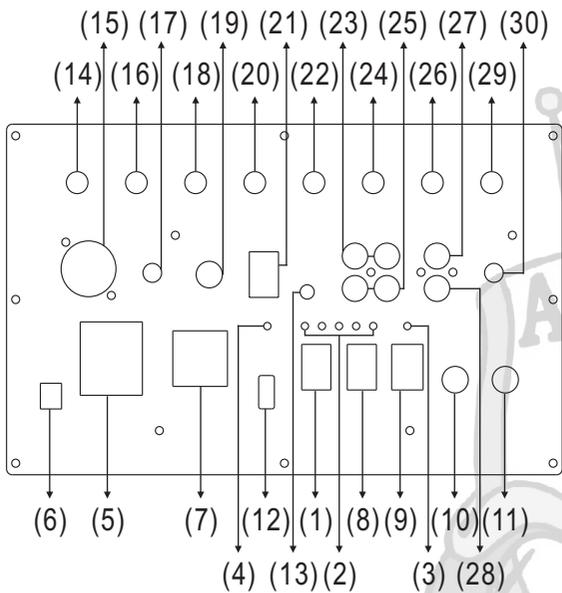
1. Key changing indicators
2. Key + button
3. Key- button
4. Volume control of Mp3 recording
5. Input detecting indicator - Video Input
6. Input detecting indicator - Line Input
7. Input detecting indicator -Microphone Input
8. Input detecting indicator -Guitar Input
9. Antenna of wireless microphone A
10. Antenna of wireless microphone B



Front Panel Control & Wireless Microphone

Front Panel Control:

1. Main power switch
2. Battery power indicator: light turns red when battery low, turns green when full.
3. Voice priority indicator.
4. Battery recharging status indicator: light turns red while recharging battery. light turn green when fully charged.
5. AC 110V power input
6. DC 12-14V power input
7. AC 110V power output
8. Power switch of Mp3 recording/playback unit
9. Voice priority switch
10. External speaker output(unswitched)
11. External speaker output(switched)
12. USB 5V power output
13. Chanel switch of the wireless audio output transmitter
14. Volume control of guitar audio input
15. Guitar input
16. Microphone input
17. Gain adjustment of guitar input
18. Microphone echo volume
19. Microphone input
20. Microphone delay volume
21. Power switch of the wireless audio output transmitter
22. Microphone tone adjustment
23. Line In 1 & 2 (L/R)
24. Line in volume
25. Line out (L/R)
26. Volume control of the DVD player
27. Video input
28. Video output
29. Music tone adjustment
30. Master volume control



MP3G playback/Recording Module

DIGITAL RECORDING

The KJV -835 allows user to record themselves singing from all audio inputs. Follow the steps below to record.

1. Insert a SD Card into the Recording Module slot.
2. Play any karaoke song from the DVD, AUX, PC or Recording Module itself.
3. Push the RECORD button. You know it is recording when the REC LED blinks red.
4. Push the RECORD button or RETURN button to stop recording.
5. Switch to RECORD mode to play the recorded file. (The recorded file is in the "DIGITAL RECORDINGS" folder)

*Only the audio is recorded when recording any type of music other than MP3+CDG which stores on the SD card. To record the audio plus the background lyric video, follow the steps below.

1. Rip the song you want to record to MP3+G format. CDG= Video, Mp3 = Audio.
2. Put these two files into one folder in the SD card.
3. Select the song and press REC button.
4. Finish recording

MP3+G/MP3+Lyrics Function Description

The functions are described as follows:

- Supports open format: MP3+G and MP3+LRC lyrics.
- Recording while singing (record music, vocals and background when singing).
- General recording function (including music recording and conference recording).
- Interface operation guide (TV displays operating interface).
- Help function makes user's operation easy and convenient.
- Dynamic landscape or blue color can be selected as background.
- Playing status and play list can be displayed on the screen.
- Songs can be edited and renamed.
- Recording format is WAV, which enables users to share recorded songs with friends and family.
- Key control, and Volume Control functions are built in DGX-109.
- Auto Vocal Cancel function for MP3+LRC format music.

MP3+G/MP3+Lyrics Features and Explanation

Audio & Video recording: choose one song, then press REC button to record music, vocals and background simultaneously.

Audio recording: When playing songs, press REC button for one second to record music and vocals.

Speech recording: in home page, press REC button for one second to record your voice only. This is designed for meeting or speeches.

"MP3+G" Introduction : MP3+G stands for MP3 plus Graphics. MP3+G is derived from the CD+G format and the CD+G disc format invented by Philips. MP3+G is created by extracting the CD-Audio packets from the CD+G disc with a strawberry CD-ROM that is capable of also extracting the RW channels from the disc. The digital audio portion is compressed to MP3 and the RW Channels (CD+G graphics) are stored to a CDG file. The player products read each file and synchronize the information to display the interpreted graphics along with the music.

"MP3+LRC" Lyrics Introduction: MP3 is small size audio format with high sound quality. LRC is a computer file format that synchronizes song lyrics with an audio file, such as MP3. When an audio file is played with certain music players on a computer or on modern digital audio players, the song lyrics are displayed. The lyrics file generally has the same name as the audio file. For example, if you put song.MP3 and song.Lrc files into one folder and then DGX-109 can play the folder and realize lyrics synchronization.

"WAV" Introduction WAV is Audio format and is being used by windows and the majority of players. The capacity of 1-minute-long song is About 1.5MB. WAV format is open audio format which is suitable for network transmission. Its high sound quality is comparable to MP3. ACESONIC DGX-109 applies WAV format as recording format in order for the recorded files to be played and transferred in the computer and players.

How to play/Record a song in MP3G mode:

1. **MP3+G:** Make sure your .Mp3 and .CDG file have same name and in same folder in order to see the Video and Audio while playback & recording. In order to record video, press RECORD button instead of ENTER. Record song while song playing only will record Audio, but no video.
2. **MP3+Lyrics:** Make sure your .Mp3 and LRC file have same name and in same folder in order to see the Video and Audio while playback & recording. In order to record video, press RECORD button instead of ENTER. Record song while song playing only will record Audio, but no video.

Operation Instructions--HOME PAGE

Home page P01

Music folder for selected songs

Folder for recorded song files
This folder will be generated automatically when SD card is inserted.

Different types of music folders
These folders are created by user. Please put all the MP3+G or MP3+Lyrics songs into one of the folders before playing or recording.

Operation Instructions--HOME PAGE

Home page P02

Note:
One folder can fit a maximum of 200 songs.

Operation Instructions--ENTER SONG FOLDER

The name of opened folder

Songs in the folder

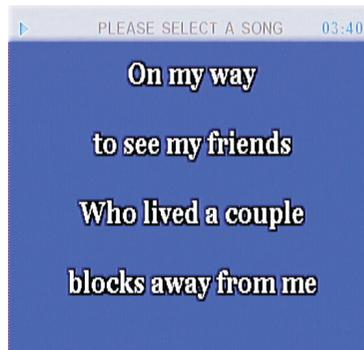
MP3G playback/Recording Module

Operation Instructions--FUNCTION SELECTION IN SONG FOLDER



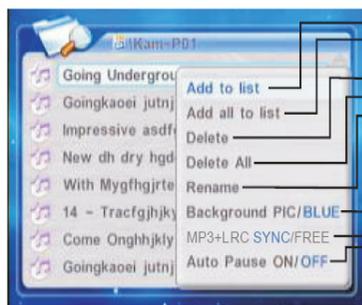
In song folder, press arrow keys to select songs, and press EDIT to select different functions.

Operation Instructions--BLUE IS SELECTED AS THE BACKGROUND



This function only works in MP3+Lyrics mode. When you select this function in MP3+G mode, machine will still using the original background instead of this blue background.

Operation Instructions--FUNCTION SELECTION IN SONG FOLDER



- Add the selected song to play list
- Add all songs in the song folder to play list
- Delete the selected song
- Delete all songs in the song folder
- Rename the selected song
- Choose dynamic pictures OR blue color as karaoke background
- When MP3+Lyrics mode, you can choose lyrics sync or not sync.
- If choose ON, it will return to this function menu interface after you sing, if choose OFF, it will not return to this interface.

Operation Instructions--DYNAMIC PICTURE IS SELECTED AS THE BACKGROUND



This function works in both MP3+G mode and MP3+Lyrics mode.

Operation Instructions--AUTO VOCAL CANCEL



Auto Vocal Cancel function is designed for MP3+LRC format songs. When playing MP3+LRC format music, DGX-109 is able to detect the format and give user option to choose Auto Vocal Cancel ON or OFF. Most MP3 music have original vocal. If you use Auto Vocal Cancel function when user is singing, the original vocal in MP3 music will be cancelled OR reduced, which can turn the music to karaoke songs.
Notes:
 If user is not singing in Auto Vocal Cancel ON status, original vocal CANNOT be cancelled or reduced.

Operation Instructions--FUNCTIONS AVAILABLE WHEN PLAYING



When playing songs, press MENU button for one second to display the function menu as shown in the left picture. Press UP, DOWN, LEFT, RIGHT and ENTER buttons to select different functions.

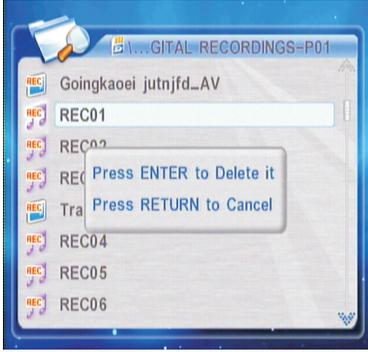
MP3G playback/Recording Module

Operation Instructions--FUNCTIONS AVAILABLE WHEN PLAYING



- Some MP3+G music have vocal in left or right channel, if users want to cancel original vocals, select Left to cancel the vocal in right channel, select Right to cancel the vocal in left channel. If users select Stereo, DGX-109 will play music together with original vocals.
- Repeat this song
If choose ON, it will return to this function menu interface after you sing, if choose OFF, it will not return to this interface.
- Replay this song

Operation Instructions--DELETE SONGS



NOTE: when user is using the DELETE function, song files cannot be recovered when deletion is confirmed. Folder cannot be deleted by using DELETE function. It can only be deleted and renamed by computer.

Operation Instructions--OPEN THE FOLDER OF REC



This file is audio recording file. REC01 is the name which is created automatically by DGX-109 itself according to the recording sequence and it can be renamed.

This file is audio and video recorded file. The file can be renamed. Refer to instructions below.

Operation Instructions--NO SD CARD INSERTED IN RECORDING MODULE



This is interface when there is no SD card inserted in KJV-835 card slot.

Operation Instructions--SONG NAME EDITING



Enter the folder, select song that needs to be renamed, and press MENU for one second to display the function menu. Select RENAME then ENTER. The name can be changed with UP, DOWN, LEFT, RIGHT and ENTER button.

Note:
Only song files can be renamed by using Rename function, folder's name can only be changed by computer.

Operation Instructions--SD CARD IS FULL



This message will show when SD card is no more free space for recording.

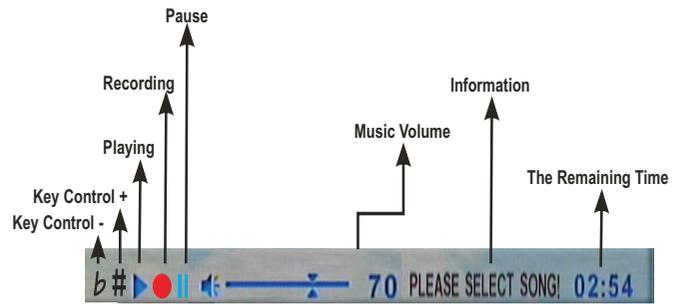
MP3G playback/Recording Module

Operation Instructions--NO MUSIC FILES IN FOLDER



This screen will show up if there is no MP3+G or MP3+Lyric files found in any folder on the SD card.

Operation Instructions--FUNCTIONAL INTRODUCTION IN THE INTERFACE



Operation Instructions--NO MUSIC FILE IN PLAY LIST

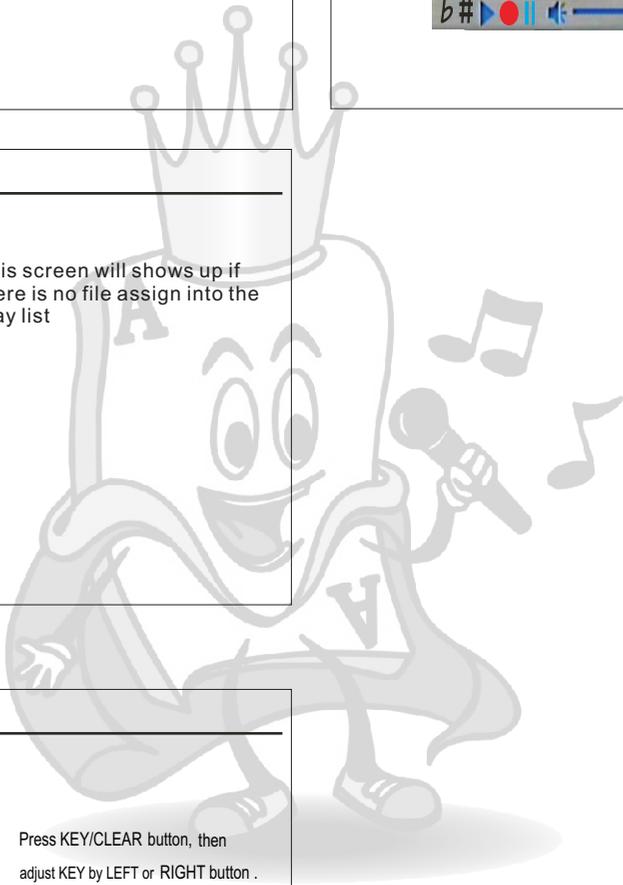


This screen will show up if there is no file assigned into the play list.

Operation Instructions--KEY CONTROL



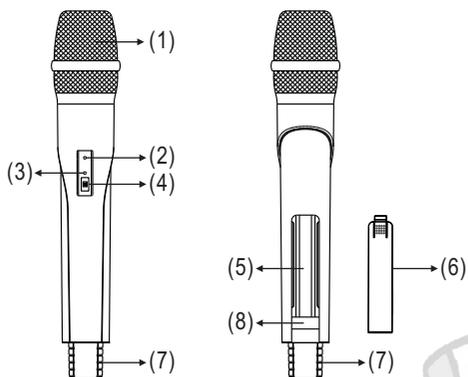
Press KEY/CLEAR button, then adjust KEY by LEFT or RIGHT button. The default of KEY is 0.



Microphone & Body Pack

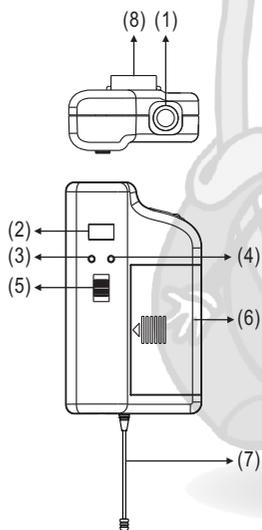
Microphone:

1. Cover
2. Power indicator
3. Battery low indicator
4. Power switch
5. Battery
6. Battery cover
7. UHF wireless antenna
8. IR channel matching unit



Body Pack(sell separately):

1. Microphone input
2. IR channel matching unit
3. Power indicator
4. Battery low indicator
5. Power switch
6. Battery(3V)
7. Antenna
8. Folding clip



General Operation

Q1. How to turn on the machine and make DVD unit works:

A1: Turn on the main power of the machine and turn on the power of DVD player

Q2. No sound from DVD player

A2: Check both main volume control & DVD volume control

Q3. How to switch the wireless microphone channel

A3: Please see the instruction on the machine front panel

Q4. Cant power on the machine

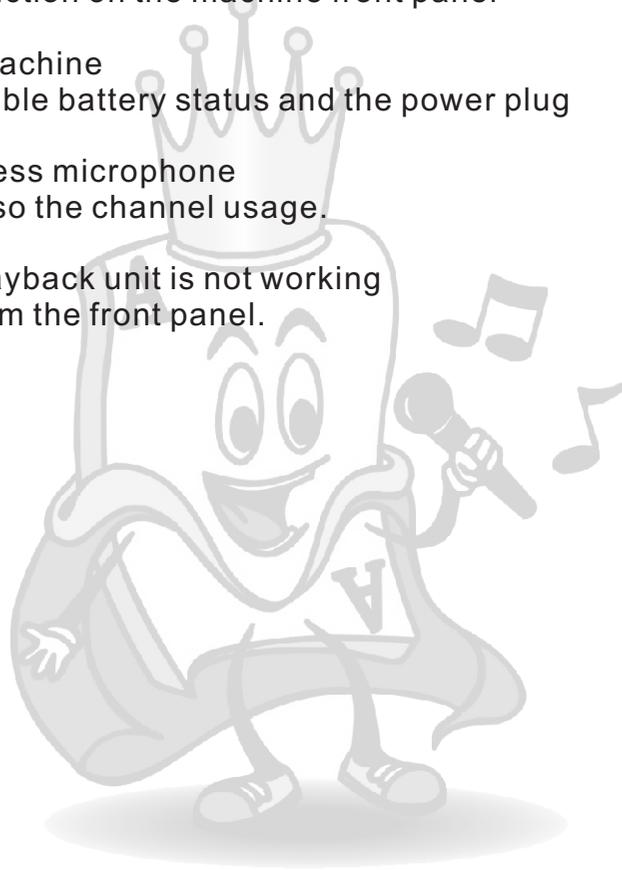
A4: Check the rechargeable battery status and the power plug

Q5. No sound from wireless microphone

A5: check battery and also the channel usage.

Q6. Recording/Mp3G playback unit is not working

A6: turn on the power from the front panel.



Specifications

PK-1248 Specifications

RMS (continuous) Output	100 W / 4 Ohm RMS
Microphone Input Sensitivity	<25mV
Music Input Sensitivity	250mV / 47 Kohm / 1Khz
Microphone Frequency Response	20hz – 20Khz / 3db
Music Frequency Response	20hz – 20Khz / 3db
Microphone EQ characteristics	Treble: +/- 10dB (10Khz), Bass: +/- 10dB (100hz)
Music EQ characteristics	Treble: +/- 10dB (10Khz), Bass: +/- 10dB (100hz)
Key Control Range	+/- 5 half tones
Speaker Wattage Impedance	4 Ohm – 8 Ohm
Supply Voltage	AC 110V
Width x Height x Depth	19x 17.4 x 27 inches.

1 Year Manufacturer Warranty
Lifetime Technical Support
Design in U.S.A

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