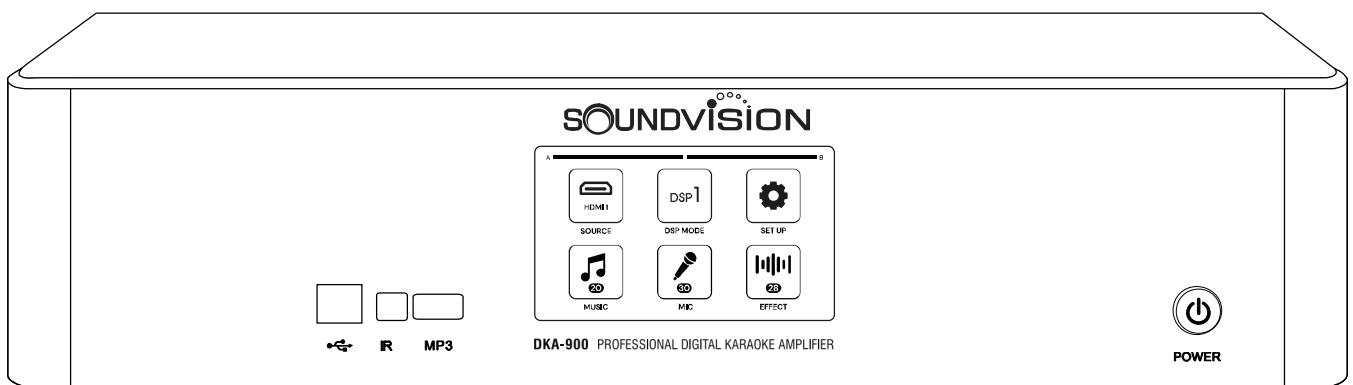




DKA Series

PROFESSIONAL DIGITAL KARAOKE AMPLIFIER



USER MANUAL

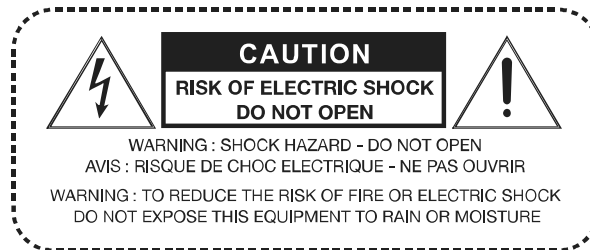
DKA SERIES

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introduction

Thank you for purchasing our products. Before operating this machine, please read this instruction manual thoroughly so that you can understand how to use this equipment correctly. After you have read this manual, please keep it in a safe place for future reference.

Important Safety Instruction



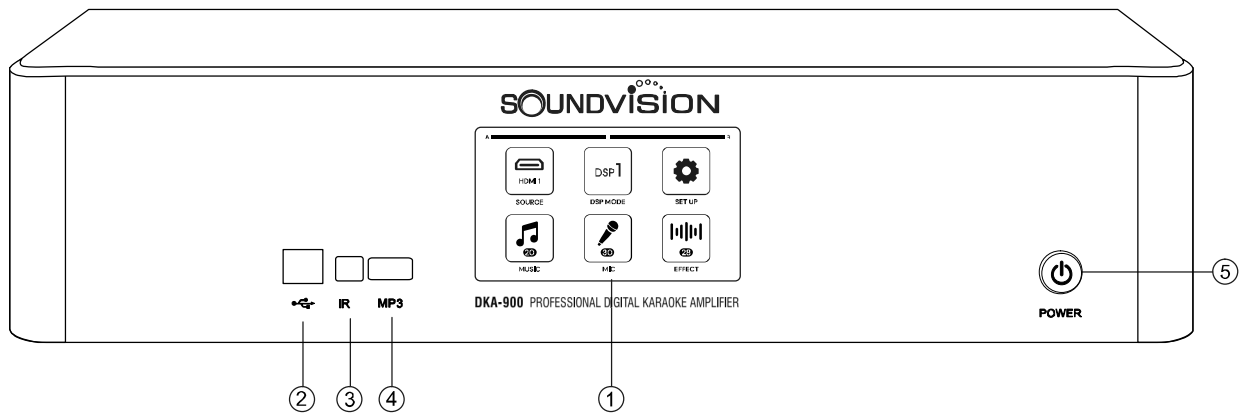
During thunderstorms or if you do not plan to use the device for a long time, unplug the device from the power source to prevent any damage. Do not place the device where it is vulnerable to dripping or spraying. For example, do not place containers containing liquids on the device to prevent the device from getting wet or getting water. If the equipment experiences water infiltration, disconnect the power immediately and take the equipment to the dealer or the manufacturer for maintenance. In order to ensure the normal operation of the equipment, do not block the heat dissipation holes and fan holes of the machine. Do not install the device near heat sources such as radiators, electric heaters, stoves or other devices (including amplifiers) that generate heat. If the device fails, contact your dealer or manufacturer.

Simple Fault and Overhaul

Note : In order to avoid unnecessary losses to you during transportation, when the machine fails, it is not necessarily a problem with the machine. Therefore, please check the following methods before you submit for repair. After the fault is determined, you can package the machine and return it to our company. We will provide you with enthusiastic repair services.

Phenomenon	Cause	Solution
No sound output and the display is off	The power socket has no power supply	Check the power supply system
	The socket is not well plugged	Please connect the power socket well and maintain good contact.
	The AC voltage fuse is burnt.	Unplug the power socket and exchange with the fuse of the same specification.
No sound output but the display is on	The output acoustics has no good signal connection	Reconnect and maintain good contact
	The main sound is set to the minimum	Reset as the setting means in the Instruction Manual
	The machine is set as mute.	Cancel mute
	The signal source has no signal output	Check the signal source
Have only one channel for sound output	The speaker output signal line on one side is not well connected	Reconnect and ensure good contact
	One input signal is wrongly connected or not connected	Reconnect and ensure good contact
	Damaged signal line	Replace and reconnect, ensure good contact

Function Description of the Front Panel

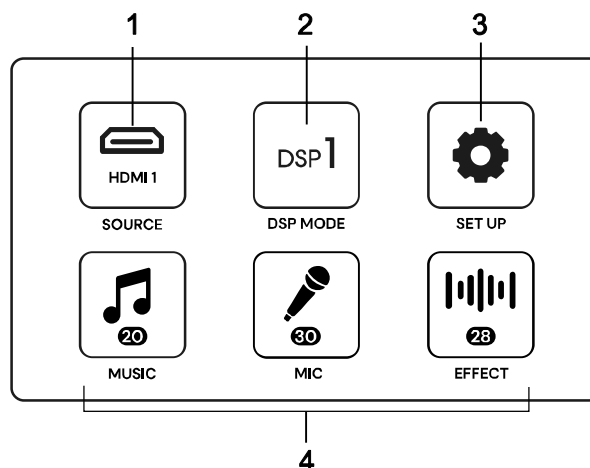


1. touch display
2. computer interface operate the device by connecting to the computer
3. remote infrared receiver
4. MP 3 play interface
5. power switch

When this key is pressed, the soft start of the power amplifier's anti-surge impact circuit starts to work. After about 3 to 4 seconds, a "click" sound can be heard, which means that the soft start work is completed. After another 1 to 2 seconds, we hear A "click" sound means that the amplifier is connected to the speaker, and the device is now in working state.

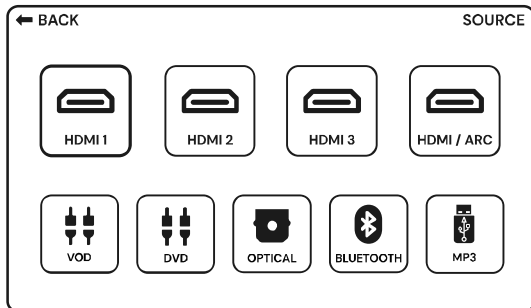
Function Description of the Touch Screen and Setting

Turn-on interface, connect to the power supply. After turning on the power switch, the equipment has the default display interface, which is shown in the below diagram;



Function Description of the Touch Screen and Setting

1. **Display the present input signal source.** Touching this area enters the input signal selection interface.



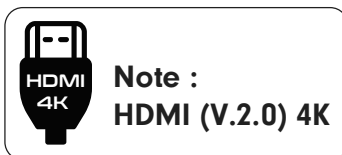
1. HDMI 1, 2, 3 signal input
2. HDMI/ARC : TV audio signal return
3. VOD : VOD signal input
4. DVD : CD/DVD/VCD signal input
5. Optical fiber signal input
6. Bluetooth signal input
(Bluetooth name : DKA-500 / DKA-900)
7. MP 3 signal input

Setup HDMI ARC Output of Smart TV to Working

Setting on Smart TV SAMSUNG (Output PCM)

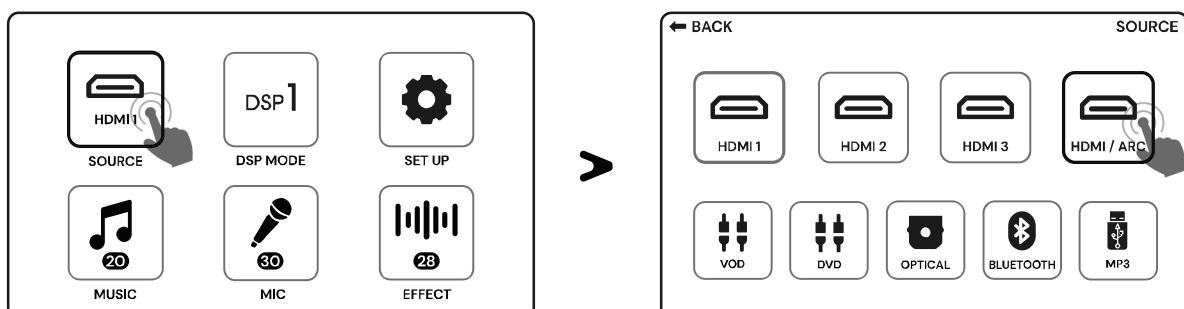


Setting on Smart TV LG (Output PCM)



Setting on DKA Karaoke Amplifier

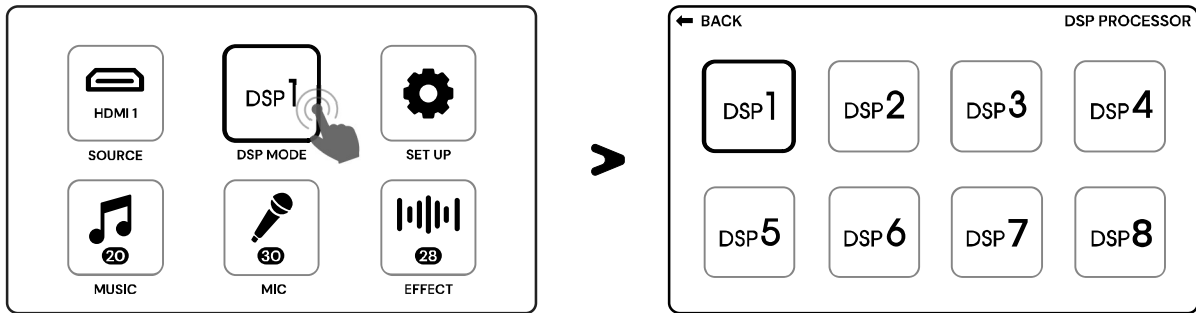
Touching menu SOURCE on main menu When touching the menu as we choose Will show a blue frame to connect the HDMI/ARC



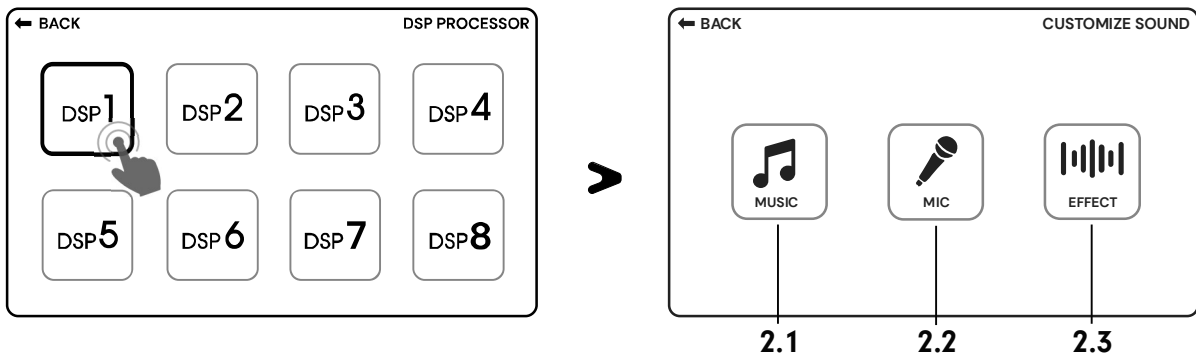
Function Description of the Touch Screen and Setting

2. It will pop up DSP 8 modes select (For Setup Music, Microphone, Effect)

But the company has set up a mode for customers to choose. You can download it at the web www.soundvisionpro.com (Ex... DSP1 : Soundvision KS-310 etc.) the selected mode will be highlighted. After 5 seconds without any operation, it will automatically return to the startup interface.

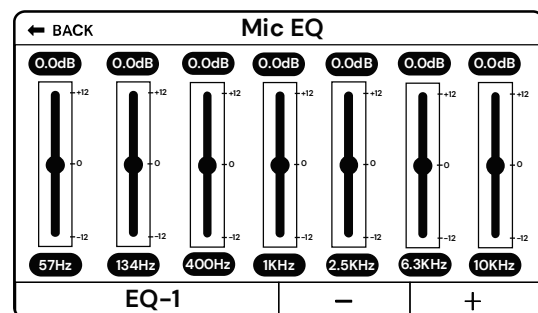
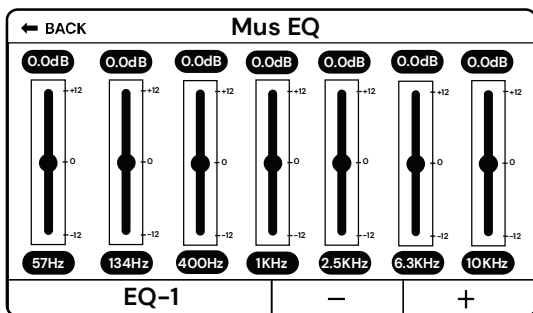


Setup Music, Microphone, Effect : When touching the menu as we choose Will show a blue frame. About 5 seconds connect the menu page customize sound



2.1 Setup Customize Sound For music (*)
7 Band Parametric EQs 20Hz -20kHz ±12dB

2.2 Setup CustomizeSound For Microphone (*)
7 Band Parametric EQs 20Hz -20kHz ±12dB

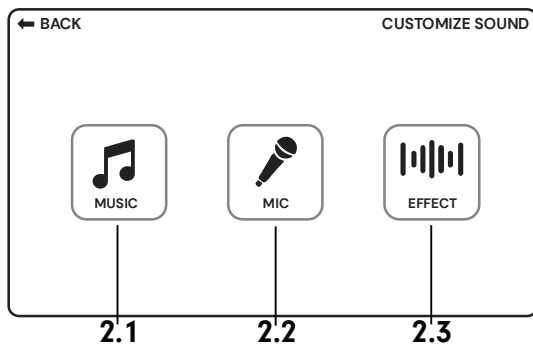


* Via software on PC

Function Description of the Touch Screen and Setting

Setup Music, Microphone, Effect : menu page customize sound

2.3 Setup Customize Sound For Effect



← Eff Parameter (ECHO+REV)			
Echo Reb:	8	Rev 1 Time :	5.0s
Echo Dly:	184ms	Rev 2 Time :	4.5s
Echo Vol:	9	Rev 3 Time :	4.5s
Rev Vol:	68	Rev H_Cut1:	88
Rev Dly:	20ms	Rev H_Cut2:	90
Echo Rep		-	+

3. Touching SET UP About 5 seconds connect the sound system setup

← BACK System Setup			
Mus Max Vol:	20	Mus Init Vol:	10
Mic Max Vol:	60	Mic Init Vol:	30
EFF Max Vol:	60	EFF Init Vol:	30
Factory set		-	+

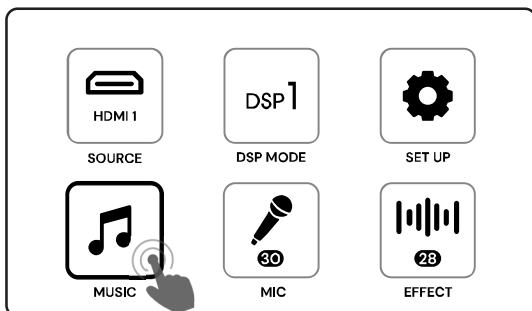
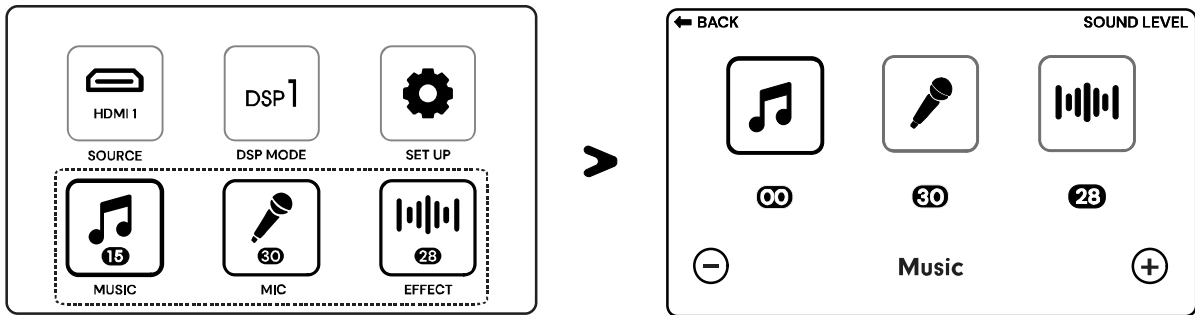
1. Music max volume: **DKA-500** : 0 - 20 , **DKA-900** : 0 - 25
2. Music start-up volume: 0 - 10
3. Microphone max volume: 0 - 60
4. Microphone start-up volume: 0 - 30
5. Effect max volume: 0 - 60
6. Effect start-up volume: 0 - 30

7. English: choose English interface/Chinese interface switchover
8. Factory setting: choose to recover the factory setting or not
9. Volume setting: increase/decrease

Function Description of the Touch Screen and Setting

4. Music, microphone and effect volume display and volume adjustment selection.

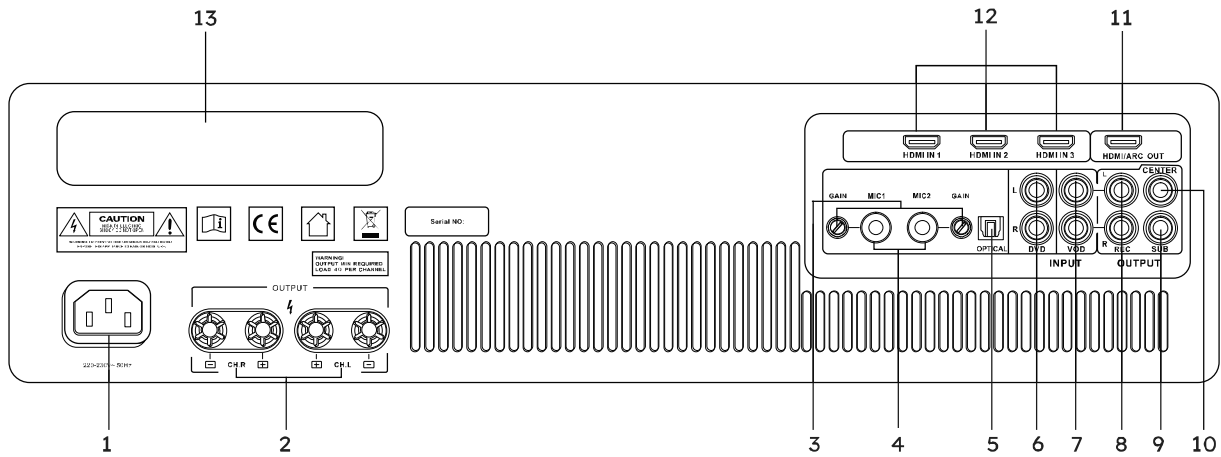
Touch the corresponding area, select "-/+ " to adjust the volume after showing the yellow frame. Touch and hold this area can have mute (red figures). Touch and hold to stop mute mode.



Touch and hold this area can have mute (red icon).

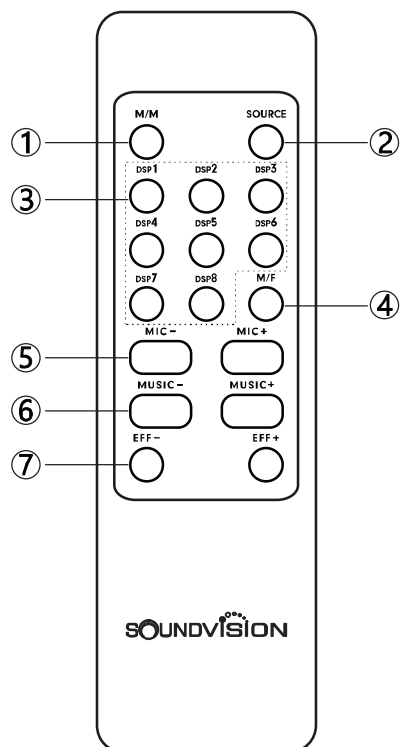
Touch and hold to stop mute mode.

Function Description of the Rear Panel



1. Power source input
2. Main power output to speakers L / R
3. MIC 1 / MIC 2 gain control
4. MIC 1 / MIC 2 input
5. OPTICAL audio signal input
6. DVD audio input
7. VOD audio input
8. REC audio output : L / R main output
9. Subwoofer output
10. Center / Monitor output
11. HDMI / ARC OUT : For connecting an HDMI-compatible TV and outputting video / TV audio signal return
12. HDMI (1 - 3) : For connecting an HDMI-compatible playback device and inputting video / audio signals
13. Slot Wireless microphone support (Optional)

Function of remote controller



1. Music mute button
2. Input signal selection button
3. Mode selection button
4. Effect mute
5. Microphone volume increase or decrease
6. Music volume increase or decrease
7. Effect volume increase or decrease

Box contents :

Please check the accessories when you open the box:

- | | |
|-----------------------|---------|
| 1. Power cord | 1 pcs. |
| 2. USB (B type) Cable | 1 pcs. |
| 3. Remote control | 1 pcs. |
| 4. User Manual | 1 Book. |



Software → DIGITAL KARAOKE AMPLIFIER.zip
Link : www.soundvisionpro.com/download

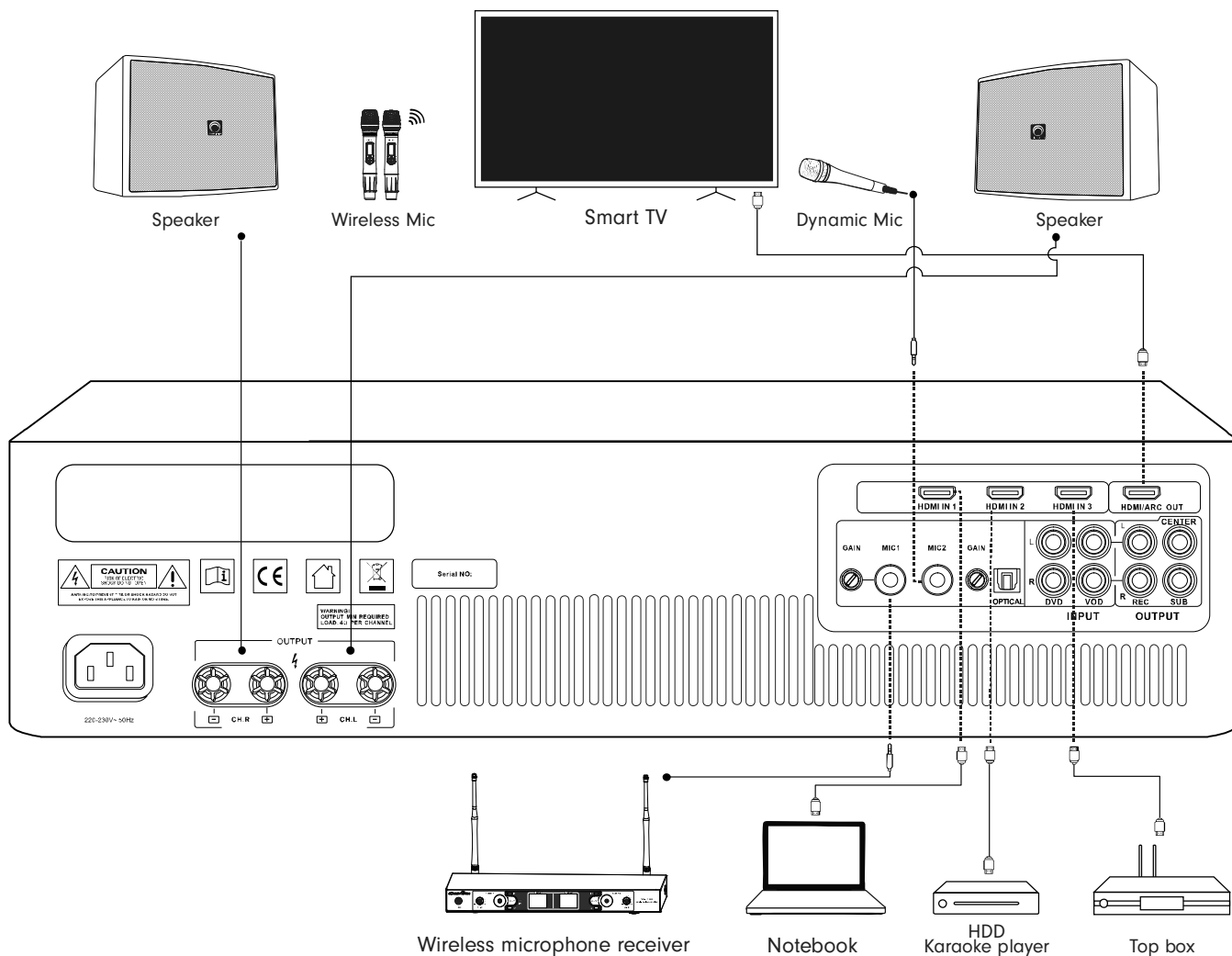
Software

^ DKA-Series

DIGITAL KARAOKE AMPLIFIER Download

External Equipment Connecting Diagram

When connecting the speaker connector, please confirm the +, - polarity and the left (L) and right (R) channels, and do not connect the reverse cable. The speaker connector should be careful not to come off and come into contact with other terminals or the rear panel. In addition, please be careful not to contact the polarity of the speaker connector or the cable of the channel.



About speaker impedance

If the high-power output for a long time is lower than the speaker (such as 4Ω) of the rated impedance (6Ω , 8Ω), the built-in protection circuit will automatically start. After the protection circuit is activated, please unplug the power cord, maintain good ventilation, and reconnect the power after reducing the temperature.

In connecting the signal cable

When connecting the signal cable, after unplugging the power cord of the device, please note that the left channel (L: white) and rear channel (R: red) of the connection terminal may have some differences with the equipment. Please refer to the instruction manual of the product before connecting to make sure to connect correctly. If the left and right signal cables are reversed, the stereo effect will be reduced.

Feature

- Professional Digital Karaoke Amplifier
- Input : 3+1 Audio/Video (HDMI), 3 Audio, 1 D-Audio, 2 Mic
- Output : 1 Audio/Video (HDMI/ARC), 1 Center, 1 Sub, 1 Rec (L/R)
- Built-in DSP Processor
 - 7 Band Parametric EQs 20Hz -20kHz ± 12 dB For Music (*)
 - 7 Band Parametric EQs 20Hz -20kHz ± 12 dB For Microphone (*)
 - 8 Mode DSP Music, Microphone, Effect
 - 3 Mode Digital Auto Feedback Suppression (*)
- Touch display can choose Users can directly operate the menu on the touch screen, simple and convenient.
- Music Mode, Mic Mode, Effect Mode, Boot volume setting and maximum volume lock function.
- Built-in DSP 8 Mode (Music, Microphone, Effect)
- Built-in 5.0 Bluetooth lossless player.
- Built-in USB support MP3 player.
- High fidelity, large dynamic power amplifier, super stability, Strong Output power.
- Support USB tuning software control interface.
- Supports 4K 2K scale 3 HDMI input plus 1 HDMI (ARC)
- Supports Standard Audio, DSD Audio and HD Audio.
- Support wide Frequency Range : 25MHz - 300MHz TMDS clock.
- Supports 12-Bit Deep Color Full HD, 3D and 4K 2K video.
- Supports on-chip EDID RAM for Port 0, Port 1, and Port2.

* Via software on PC

Specifications

AMPLIFIER	DKA-500	DKA-900
Maximum output 4 Ω	380W+380W	680W+680W
Minimum RMS Output Power 8 Ω	250W+250W	450W+450W
Frequency response	MUSIC : 20 Hz to 30 kHz, ±1.5 dB MIC : 20 Hz to 20 kHz, ±1.5 dB	
Tone control characteristics	7 Band Parametric EQs 20Hz -20kHz ±12dB For Music (*) 7 Band Parametric EQs 20Hz -20kHz ±12dB For Microphone (*) 8 Mode DSP Music, Microphone, Effect 3 Mode Digital Auto Feedback Suppression (*)	
Sample Rate	48KHz / 32bit	
SNR	≥95dB	
Distortion	≤0.2	
Rated output power 8Ω 1KHz degree of separation	>70dB	
Damping factor f=1KHz 8Ω	>240	
Conversion speed	15V/us	
Protection	Soft Start, Short Circuit, Limiter, DC Fault, AC Line Fuse, Thermal Cut	
Cooling system	Dual Fan	
Speaker impedance	4Ω / 8Ω (1 speaker per channel) 8Ω / 16Ω (2 speaker per channel)	
PORTS		
Input	DIGITAL AUDIO/VIDEO : 3HDMI + 1HDMI (ARC) DIGITAL AUDIO : 1 OPTICAL ANALOG AUDIO : RCA (L/R) : 1DVD , 1VOD MIC : 2 1/4" TR PHONE MP3 PLAYER : USB PORT	
Output	DIGITAL AUDIO/VIDEO : 1HDMI/ARC ANALOG AUDIO : RCA CENTER OUT : 1 SUBWOOFER OUT : 1 REC OUT : 1 (L/R)	
Data Control	USB (B type)	
GENERAL		
Supply voltage	AC 220 ~ 230V, 50Hz	AC 220 ~ 230V, 50Hz
Power consumption (IEC)	700W	1000W
(Idling)	45W	60W
Dimensions (W x H x D)	440*120*320mm	440*120*320mm
Weight	11.5Kgs	12.5Kgs

* Via software on PC

TRADEMARK AND LICENSES



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