

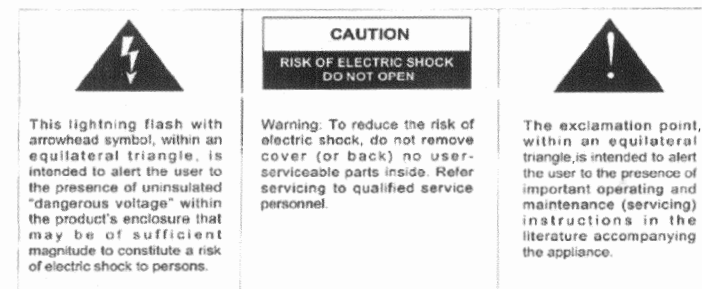
Table of Contents

Safety Instructions	1
Features	2
Specifications	3
Package Contents	3
Descriptions and Functions	4
Connecting to External Devices	
• Audio Video Input /Output Connection	5
• Microphone Input Connection	5
• Bluetooth	5
General Operations	
• Turning the AKJ7809-P System On and Off	6
• Adjusting the Sound Quality	6
Microphone Operations	7
Power Operations	8
Troubleshooting	9
Service Information	10

Safety Instructions

WARNING

- * TO PREVENT FIRE OR SHOCK HAZARD. DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.
- * THIS APPLIANCE SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING WATER AND THAT NO OBJECT FILLED WITH LIQUIDS SUCH AS VASES SHALL BE PLACED ON APPARATUS



IMPORTANT SAFETY INSTRUCTIONS

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 15) Ventilation Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.



83125A

Features

1. All-in-one design delivers 45 W of power through 2 speaker cabinet (12.0" X 1; 3.0" X 1)
2. Two Microphones inputs with one volume control (MIC VOL.)
3. One Guitar input with a volume control (GUITAR VOL.)
4. Two music tone controls and one music volume control (TREBLE/BASS/VOLUME)
5. One DC power input (15V / 3A)
6. One ON/OFF and Volume-Control Knob
7. Built-in high-capacity rechargeable battery (12 AH/12V)
8. One MIC priority selection button
9. One 3.5 AV input, one AV output
10. POWER, CHARGE, LED indicators.
11. SD/MMC CARD, and USB inputs
12. Remote control, 10.1" screen and DVD Player
13. Two wireless microphones.
14. Bluetooth Interface

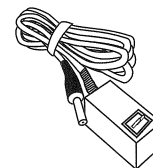
Specifications and Package Content

Specifications

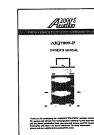
Power Output: 45 Watts
 Frequency Response: 80 Hz-20 KHz +/- 3dB
 S/N Ratio: > 64dB +/- 3dB
 Driver: 12" Woofer / 4 Ohms x 1
 Tweeter: 3" magnet treble
 Power Source 1: DC 12 V 12000mAh
 Power Source 2: AC 110 -240V 50/60Hz
 Product Dimensions: 38.5" X 34.0" X 60.0"
 Wireless Mic Frequency

Package Contents

Items	Quantities
1. Wireless Microphones	2
2. AC/DC Adapter	1
3. Owner's Manual	1
4. Warranty Card	1
5. AA Batteries X 4	1
6. 3.5mm AV cable	1
6. Remote Control	1



AC/DC Adapter



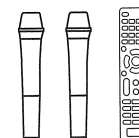
Owner's Manual



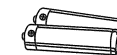
AKJ7809-P Unit (1)



Warranty Card (1)



Wireless Microphones (2)
Remote Control (1)



Batteries (4)
(For testing purposes only)

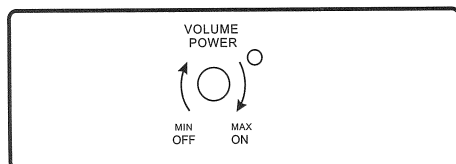
Note

If you find that any of the items mentioned above are missing from the box, please contact Audio2000'S® at 805-523-2759 before proceeding.

General Operations

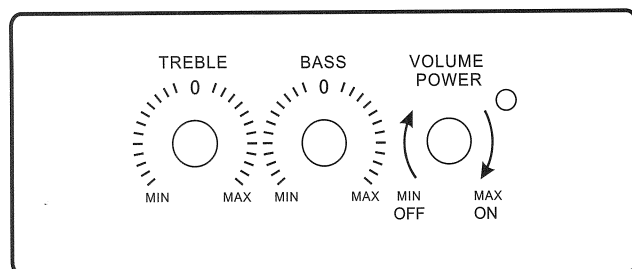
TURNING THE AKJ7809-P ON OR OFF

POWER ON/OFF and VOLUME CONTROL-KNOB, when the PA system is OFF, turn this music volume control knob clockwise to turn on the PA System. When the PA System is ON, turn this volume control knob counter-clockwise all the way to turn off the power or counter-clockwise to lower the master volume. (refer to numeral 1 on page 4)



ADJUSTING THE SOUND QUALITY

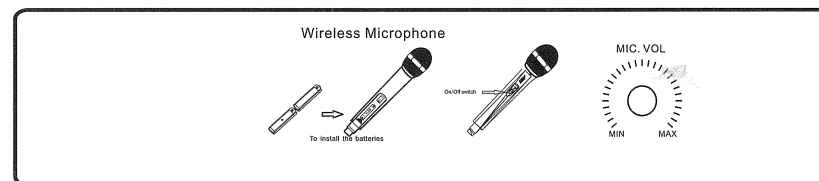
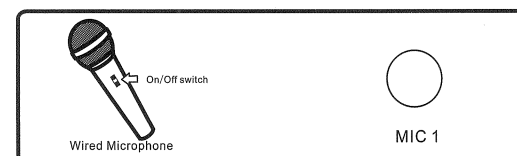
Adjust the sound level and quality by adjusting the VOLUME, TREBLE, and BASS control knobs. Turn the VOLUME control knob clockwise to raise the volume and counter-clockwise to lower the volume. Turn the TREBLE control knob clockwise to raise the treble volume and counter-clockwise to lower the treble volume. Turn the BASS control knob clockwise to raise the bass volume and counter-clockwise to lower the bass volume.



Microphone Operations

Prior to connecting wired microphones to the MIC 1 and MIC 2 input, make sure that the MIC VOL control knobs is turned counter-clockwise to the minimum (-) position.

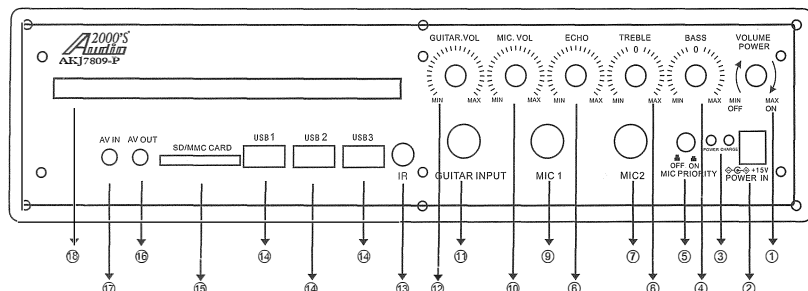
Connect the wired microphone to the MIC 1 and MIC 2 input. If the wired microphones have an on/off switch, turn on the switch first and then turn the MIC VOL to have an optional microphone level.



Open the battery cover and insert two batteries to each of the wireless microphones. Prior to turning on any of the wireless microphone, make sure that the MIC VOL control knob is turned counter-clockwise to the minimum (-) position.

Turn on the wireless microphones and adjust the MIC. VOL. Control knob clockwise to have an optimal wireless microphone sound level.

Descriptions and Functions



1. POWER ON/OFF and VOLUME CONTROL-KNOB, when the PA system is OFF, turn this music volume control knob clockwise to turn on the PA System. When the PA System is ON, turn this volume control knob counter-clockwise all the way to turn off the power or counter-clockwise to lower the master volume.
2. POWER IN-This is a DC input jack, connect the supplied AC/DC adapter to this jack to provide DC power
3. LED Indicators -The Power LED indicator will be on when the unit is turned on. CHARGE-The charging LED Light will be on when the unit is being charged.
4. BASS-Turn this music tone control knob clockwise to raise the bass volume and counter-clockwise to lower the bass volume.
5. MIC PRIORITY-This button is to be used to select the MIC PRIORITY Function, When the button is pressed the MIC Priority function will be enabled. When this button is released with MP3 enabled, the music volume will be lower when speaking into the microphones
6. TREBLE-Turn this music tone control knob clockwise to raise the treble volume and counter-clockwise to lower the treble volume.
7. MIC2-This is a 1/4" microphone input. This microphone input can be connected to a dynamic microphone, a ribbon microphone, or a wireless microphone receiver.
8. ECHO-Turn this control knob clockwise to raise the ECHO volume and counter-clockwise to lower the ECHO volume.
9. MIC1- This is a 1/4" microphone input. This microphone input can be connected to a dynamic microphone, a ribbon microphone, or a wireless microphone receiver.
10. MIC VOL- Turn this control knob clockwise to raise the microphone volume and counter-clockwise to lower the volume.
11. GUITAR INPUT- This is Guitar input Jack.
12. GUITAR VOL-Turn this control knob clockwise to raise the guitar volume and counter-clockwise to lower the guitar volume.
13. IR-This is an infrared remote control receiver window.
14. USB - This is a USB input Jack, When you insert USB here, You can play the music from your USB.
15. SD/MMC CARD -This is SD/MMC card Jack, when you insert SD/MMC card here, You can play the music from your SD/MMC card.
16. AV/OUT-This is a 3.5mm AV output jack.
17. AV IN -This is a 3.5mm AV input jack.
18. DVD Player

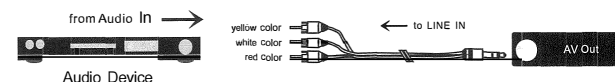
Connecting to External Devices

The AKJ7809-P System can be connected to various external devices through the AUX input.

AUDIO VIDEO INPUT/OUTPUT CONNECTION

Connect Audio Device to AV IN/AV OUT as follows:

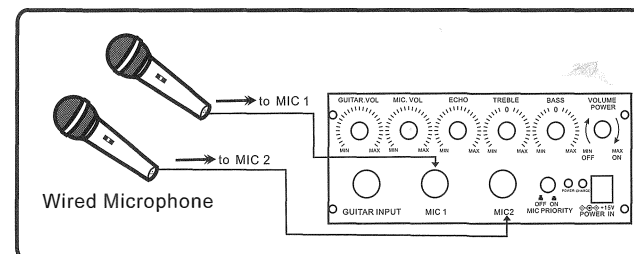
- A: Connecting the Speaker AV interface
 B: Video RCA (yellow color)
 C: Left RCA (white color)
 D: Right RCA (red color)



MICROPHONE INPUT CONNECTION

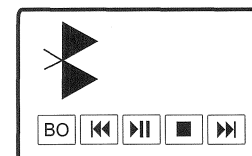
Connect a wired microphone to the MIC 1 and/or MIC 2 microphone input on the AKJ7809-P as follows:

1. Inspect a microphone cable with one XLR female connector and one 1/4" connector.
2. Make sure that the microphone cable is free from any defect.
3. Connect the XLR female end of the microphone cable to the wired microphone.
3. Connect the other end of the microphone cable to the 1/4" MIC 1 and/or MIC 2 input on the AKJ7809-P.



BLUETOOTH

1. Enter into Bluetooth setting by pressing the MODE button located under the monitor.
2. Connect with "BT Audio" on your bluetooth device
3. The light next to the bluetooth symbol will be blinking red when it is not paired and change to a solid blue once paired.



(bluetooth screen)

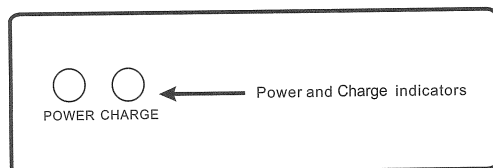
Power Operations

POWER AND BATTERY INDICATORS

The power and battery indicators comprise of two LED lights which include one POWER LED light and one CHARGE LED light.

When the power from the AC/DC adapter or rechargeable battery is being used, the green LED light will be on. If the red/green LED light is flashing, the rechargeable battery needs to be recharged. When the rechargeable battery is being recharged, the red LED light will be on.

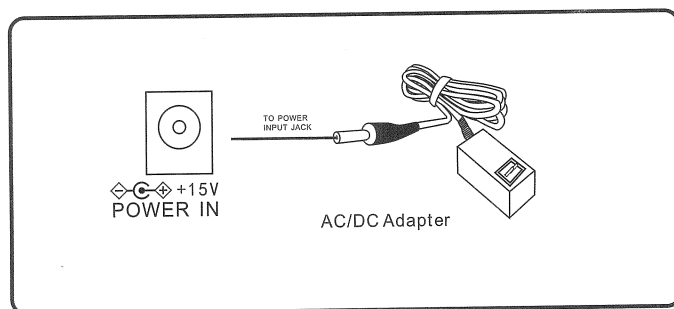
When the rechargeable battery is fully charged, the green LED light will be on.



Fully recharge your system at least once a month to maintain a fully functional battery.

AC/DC Adapter CONNECTION

Connect the included AC/DC adapter to the AC/DC POWER INPUT jack as follows:



Troubleshooting

MAINTENANCE

When the unit gets dirty, wipe with a soft, dry cloth. If the unit is extremely dirty, soak a soft cloth in a 5 to 6% solution of dishwashing detergent to water, wring it tightly, wipe the dirt away, and finally wipe the unit with a dry cloth.

Never use alcohol, thinner, benzene, insecticide or other volatile agents, as they may damage the surface paint or gloss of the unit.

Also do not wipe the unit with a chemical cloth or leave it on the unit for a long period, as the surface finish may be damaged or the paint may be stripped off.

TROUBLESHOOTING

Should problems occur, they are, in many cases, due to simple operation mistakes. On the basis of the following suggestions, you will be able to rectify a number of problems yourself without difficulty.

If the problem cannot be remedied after the following suggestions, please consult your dealer. The manufacturer at 805-523-2759 for technical assistance.

PROBLEM	POSSIBLE CAUSES	SOLUTION
No power	Power is off	Turn on the main power knob
	The rechargeable battery is not functioning	If possible measure the battery with a multimeter. Replace the rechargeable battery if necessary
	Bad AC/DC Adapter	If possible measure the adapters output with a multimeter. Replace the adapter if necessary
Short range or signal dropouts	Low transmitter battery level	Replace the transmitter battery
	Poor antenna reception	Reposition the system.
	Too many obstacles between the receiver and transmitter	Move the obstacles or move the receiver away from nearby metal objects.
	Radio Frequency (RF) blind spot.	Reposition the receiver. If the momentary loss of sound problem cannot be removed, walk through the performing area and mark "Blind" spots. Avoid these "Blind" spots during performance.
No sound	Music volume control knob is turned all the way down (zero sound output)	Turn the music volume knob to a position that the sound level is desired.
	Bad cable or poor contact (Line in)	Make sure all cables are not damaged and all contact points are proper. Replace the cable is necessary.
No microphone sound	The microphone cable is not plugged into the microphone input jack properly.	Make sure the microphone cable is plugged into the microphone jack properly.
	The switch on the microphone is set to "OFF"	Set the switch on the microphone to "ON"
	Mic level control might be at the minimum position	Adjust the mic level control to an optimal position
	A condenser microphone is used.	Change the condenser microphone to a dynamic microphone
Humming Noise	Grounding problem between two adjacent equipments.	Try to use an isolator to remove the grounding problems
Signal Interference	Another wireless microphone is operating on the same frequency	Use a wireless microphone with a different operating frequency.
	Placement too close to a digital signal processor or similar device (CD player, stage lighting, etc)	Move the receiver to another location