



ACTIVE LOUDSPEAKER COMBO SET

KN-PAS01

Please read all instructions before use to ensure the best performance of this product.
Save these instructions for future reference.

WELCOME!

Dear Knox Gear Customer,

Congratulations on your purchase of the Knox Gear Active Loudspeaker Combo Set. With normal use and proper treatment, it will provide you with years of reliable service. Please read this manual carefully before using this product, and keep it in a safe place for future reference.

We hope you enjoy your new Knox Gear Active Loudspeakers. For technical assistance and warranty service, please email us at **cs@knoxgear.com**.

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SAFETY INSTRUCTIONS

- This product contains no user-serviceable parts. All servicing must be performed by a qualified technician.
- Connect the product only to a properly grounded outlet with an appropriate power supply.
- Do not remove the cover of this product; doing so increases risk of electric shock.
- Do not expose the product to high temperatures, moisture, or electricity.
- Do not use the product near exposed flames.
- The maximum operating temperature is 113° F.
- Clean with a dry cloth only.
- Unplug the product when not in use.
- To establish a safe volume level, start the volume at the lowest setting and slowly increase it until you can hear the sound comfortably, clearly, and without distortion.
- Use a suitable means of transportation when moving the product.

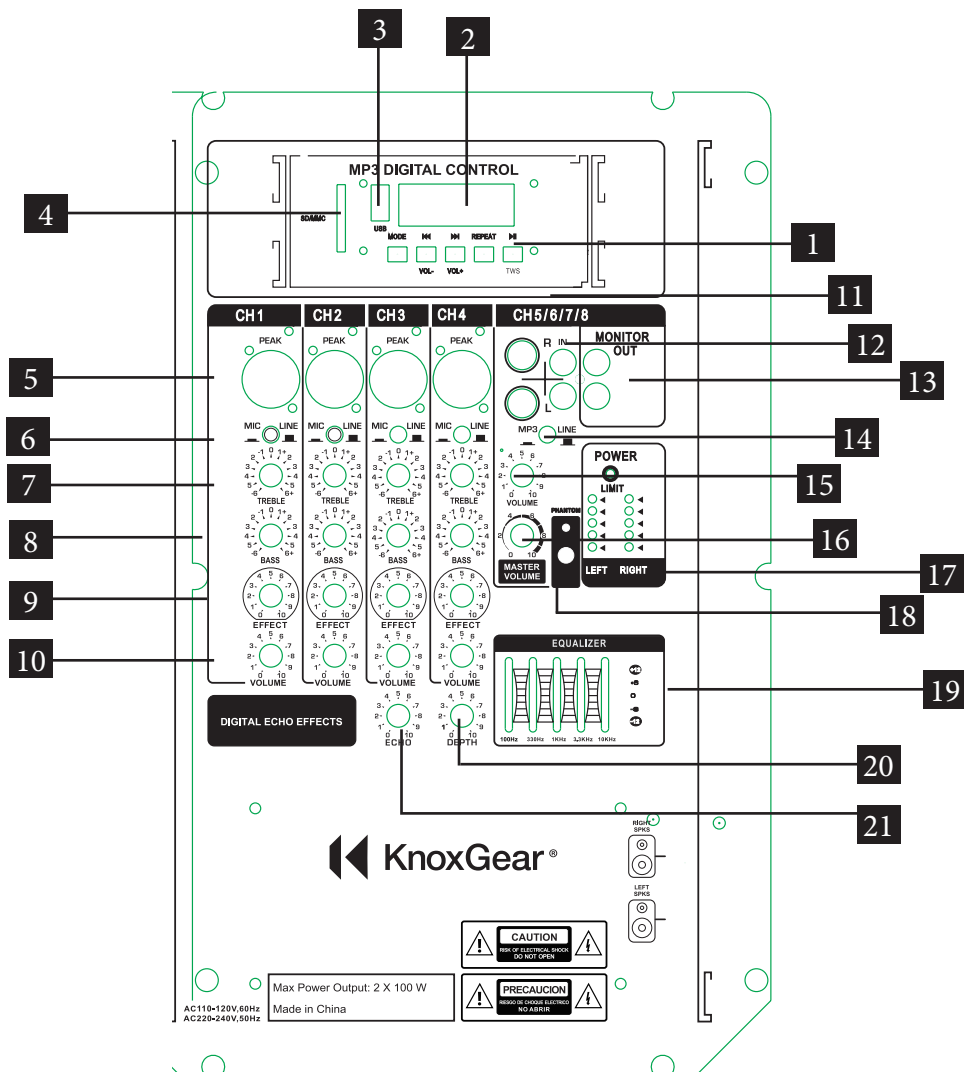
USAGE TIPS

- Once a Bluetooth device has been paired, there is no need to pair it again.
- If the speaker is connected to a Bluetooth device and there is no sound, turn off all nearby devices and allow only one device to connect with the speaker.
- Always ensure that USB/SD cards are inserted correctly and in the proper direction. To avoid damage, always insert cards gently.
- Before turning off the speaker, remove the USB/SD card.

PRODUCT FEATURES

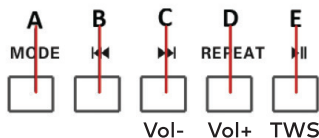
- All-in-one DJ audio loudspeaker kit
- 8-channel powered amplifier audio mixer
- Dual molded cabinet PA speakers
- Sound system: 2 x 8" speakers, 2 x 1" tweeters
- Bluetooth wireless music streaming capability
 - Instantly receives wireless streaming audio
 - Works with smartphones, tablets, MP3 players, and other devices with Bluetooth functionality
- Active two-way, full-range stereo sound
- MP3 digital audio file support
- USB flash and SD memory card readers
- +48 V phantom power
- 4 x XLR 3-pin connectors
- 2 x 1/4" microphone/guitar inputs
- Independent adjustable channel controls
- Treble, bass, effects, and volume configuration
- 5-band graphic equalizer
- Digital echo effects control
- RCA (L/R) audio line input/output jacks
- Universal speaker stand mount support, 35 mm
- Rugged, heavy-duty molded cabinet housing
- Ability to connect additional microphones, instruments, DJ equipment
- Convenient system design allows quick setup and disassembly
- Perfect for onstage performances, crowd control, and public gatherings




CONTROL PANEL



CONTROL PANEL

1. MP3 Digital Control Buttons:

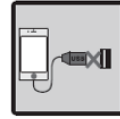
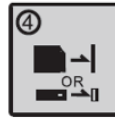
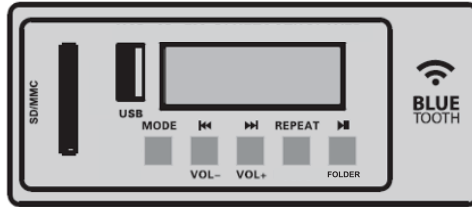



- A. Mode: Use this button to select USB, SD, or Bluetooth mode.
 - B.  / Volume - : Press once to go to the previous track. Press and hold to turn down the volume.
 - C.  / Volume + : Press once to go to the next track. Press and hold to turn up the volume.
 - D. Repeat: Use this button to repeat all (RA), repeat one (RO), or repeat randomly (RR).
 - E.  / TWS: Press once to play or pause a song. Press and hold to enter Folder mode. In Bluetooth mode, hold down for 5 seconds to pair with another PA system using TWS or to cancel TWS.
2. LED Display: Screen that displays controls, functions, and information.
 3. USB Port: Allows you to insert a USB memory storage device containing MP3 files.
 4. SD Port: Allows you to insert an SD card containing MP3 files.
 5. Channel 1-4 XLR Connectors: Allow you to connect a microphone or line input using XLR cables.
 6. Mic/Line Input Selector: When connecting a microphone, press this button to select Mic mode. When connecting a line input, depress this button to select Line mode.
 7. Treble Knobs: Channels 1-4 have individual treble controls per channel. Use this knob to adjust the treble levels for the selected channel.
 8. Bass Knobs: Channels 1-4 have individual bass controls per channel. Use this knob to adjust the bass levels for the selected channel.

CONTROL PANEL

9. Effect Knobs: Channels 1-4 have individual effect controls per channel. Use this knob to adjust the reverb effect levels for the selected channel.
10. Volume Knobs: Channels 1-4 have individual volume controls per channel. Use this knob to adjust the volume levels for the selected channel.
11. 1/4" Line Input: Connect your sound source to this 1/4" input. The line volume is controlled by volume control channel 5/6 and the master volume knob. Only passive signals should connect to this input.
12. RCA Line Input: Connect your sound source to this RCA input (channel 6/7). Only passive signals should connect to this input.
13. RCA Line Output: Use this connector to connect another amplifier. DO NOT connect directly to a passive speaker.
14. Line/MP3 Selector: When you use USB/SD Bluetooth signal push the selector down. When you use Mic/Line input signal push up.
15. Signal Input Volume Knob: Adjusts the volume for MP3 or Mic/Line signal input.
16. Master Volume Knob: Adjusts all the output signals for the powered mixer.
17. Indicator: Displays the signal volume for the output.
18. Phantom Power: Press this button to activate the 48 V phantom power necessary for a condenser microphone that might require 48 V power supply from the mixer channel 1-4 input.
19. 5-Band Graphic Equalizer: Adjusts the frequency of the output signal.
20. Depth Knob: Adjusts the depth effect level of channel 1-4 for the Mic input.
21. Echo Volume Knob: Adjusts the echo level for the Mic input.

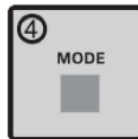
SD AND USB INTRUCTIONS




1. Turn on the power.
2. Press the MP3/Line button  inward to select MP3 mode.
3. Use the Line In/MP3 Level and Master Volume controls to set the desired volume.
4. Insert an SD card or USB mass storage device.

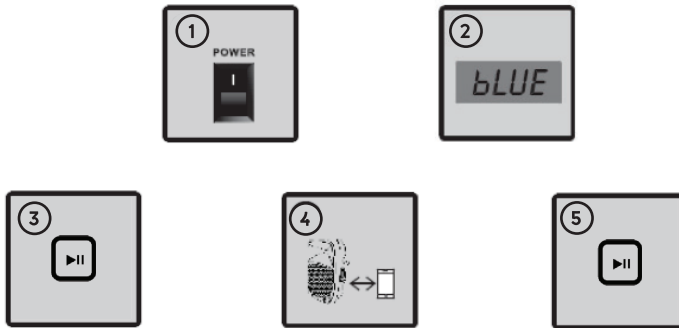
NOTE: MP3 players, smartphones, tablets, and PCs cannot be connected via the USB port. You may connect these devices by using the Bluetooth or Line In functions.

BLUETOOTH INSTRUCTIONS





1. Turn on the power.
2. Press the MP3/Line button  inward to select MP3 mode.
3. Turn the Line In/MP3 Level and Master Volume controls to the MIN level.
4. Press the Mode button repeatedly to find and select Bluetooth mode.
5. The display will show "BLUE" when you are in Bluetooth mode.
6. Connect a device with Bluetooth capability, such as a tablet, phone, or PC, to the PA system. Open your device's Bluetooth settings and find "Knoxgear" to connect to the system.
7. Use the Line In/MP3 Level and Master Volume controls to set the desired volume.

TWS INSTRUCTIONS

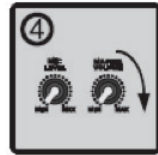
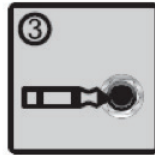


TWS (True Wireless Stereo) allows you to play music from a Bluetooth device over two Knox Gear KN-PAS01 systems simultaneously.

1. Power on two KN-PAS01 Active Loudspeaker Combo Set systems.
2. Select Bluetooth mode on each system, following the instructions on the previous page.
3. Choose one PA system as the main (master) system. Hold down that system's TWS/Playback button  for 5 seconds. You should hear a beeping tone to indicate that the systems have synced. The main system's screen will display "br-A". The secondary (slave) system's screen will display "br-B".
4. Connect a Bluetooth device to the main system, following the instructions on the previous page. Bluetooth audio can now be played on both PA systems simultaneously.
5. To cancel TWS, hold down the TWS button  for 5 seconds. The screen will stop displaying "br-".

NOTE: Only sound using Bluetooth will play on the secondary system. TWS does not allow you to play sound from FM radio, microphone, USB, or other connections on two systems.

MICROPHONE INSTRUCTIONS



1. Turn on the power.
2. Turn the Mic Level and Master Volume to the MIN level.
3. Use the 1/4" or XLR input connector to insert the microphone.
4. Use the Mic Level and Master Volume controls to set the desired volume.

NOTE: You can use two microphones at the same time through the XLR connector and the 1/4" input connector. Use the Mic 1 Level and Mic 2 Level controls to set the desired volume for each.

LINE IN INSTRUCTIONS



1. Turn on the power.
2. Push the MP3/Line button outward to select Line mode.
3. Turn the Line In/MP3 Level and Master Volume controls to the MIN level.
4. Connect a device using the Line Input RCA connector.
5. Use the Line In/MP3 Level and Master Volume controls to set the desired volume.

NOTE: You can use this function when you wish to connect a device without the use of a mixer console, such as a CD player, DVD player, MP3 player, etc.

TECHNICAL SPECIFICATIONS

- Speaker Power Output: 300 W maximum
- Tweeter Type: 1"
- Subwoofer Type: 2 x 8" long throw
- Subwoofer Frequency: 48-4,500 Hz (± 10 dB)
- Driver Type: 2 x Titanium Horn Driver
- Speaker Magnet: 2 x 30 oz
- Impedance: 4 Ω
- Speaker Sensitivity: 90 dB
- Power Mixer Sensitivity: -14 dB
- S/N Ratio: 75 dB
- T.H.D.: 9.2%
- Frequency Response: 48-18 kHz (± 10 dB)
- Bluetooth Version: 3.0
- Bluetooth Network Name: Knoxgear
- Bluetooth Wireless Range: Up to 65'
- Maximum USB/SD Card Support: Up to 32 GB
- Digital Audio File Support: MP3, WMA, MP3Pro
- +48 V Phantom Power: On/off
- Power Supply: 110-240 V, 60/50 Hz
- Speaker Dimensions (L x W x H): 11.22" x 9.84" x 17.72" each
- Amplifier Mixer Dimensions (L x W x H): 11.61" x 7.09" x 18.11"

PACKAGE CONTENTS

- Amplifier Mixer Console
- 2 x 8" PA Speaker
- 2 x Tripod Speaker Stand
- 2 x 1/4" Connection Cable
- Wired Handheld Microphone
- Power Cable

WARRANTY

Knox Gear offers a 1-year **Guaranteed Good: Works As It Should** warranty, covering both parts and labor to ensure that you enjoy the full use of this product with peace of mind. For more information about your warranty, please contact Customer Service at cs@knoxgear.com.

Questions?

Please contact Customer Service at cs@knoxgear.com

