

Specifications.	RZ12ABT	RZ15ABT
Type	2 way active speaker	
Woofer	12 inch , 2"VC	15 inch , 2"VC
Comprssion driver	25mm , Titanium	25mm , Titanium
Frequency Response	58Hz-20KHz	55Hz-20KHz
Impedance	4 OHM	4 OHM
Sensitivity	93dB	94dB
Amplifier	Class-AB	Class-H
EQ	Treble , Bass	Treble , Bass
Mic in	XLR&1/4"JACK	XLR&1/4"JACK
Line in	XLR & RCA	XLR & RCA
Line out	XLR&1/4"JACK	XLR&1/4"JACK
MP3 player	YES	YES
Bluetooth	YES	YES
AC	240V 50HZ	240V 50HZ
Power	250W RMS	300W RMS

# KAM

## INSTRUCTION MANUAL

# RZ V3 Bluetooth series

Full range active PA speakers with Bluetooth

## RZ12ABT / RZ15ABT

UK DISTRIBUTOR  
**John Hornby Skewes & Co. Ltd.**  
 Salem House, Parkinson Approach, Garforth,  
 Leeds LS25 2HR, United Kingdom.  
[www.jhs.co.uk](http://www.jhs.co.uk)

Authorised EU Representative: Pieters Musical Agencies  
 Sparrelaar 19, 5467 JP Veghel, Netherlands



Thank you for purchasing this Kam product, we are sure that it will serve you for many years to come.

To optimise the performance of this product, please read these operating instructions carefully to familiarise yourself with the basic operations of this unit. Please retain them for future reference. This unit has been tested at the factory before being shipped to you.

To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture. To prevent a fire hazard, do not expose the unit to any naked flame sources. Unplug this apparatus during lightning storms or if it is unlikely to be used for long periods of time. When installing the unit, please ensure you leave enough space around the unit for ventilation. Slots and openings in the unit are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. To prevent fire hazard, the openings should never be blocked or covered.

The unit is powered by electricity, always handle the power cable by the plug. Never pull out the plug by pulling on the cable. Never touch the power cable when your hands are wet as this could cause an electric shock. Do not tie a knot in the cable. The power cable should be placed such that it is not likely to be stepped on. A damaged power cable can cause a fire or give you an electrical shock. Check the power cord periodically, if you ever find that it is damaged, replace it before using the unit again. Contact your retailer for a replacement.

The voltage of the available power supply differs according to country or region. Be sure that the power supply voltage of the area where this unit is to be used meets the required written on the unit.

The lightning flash symbol inside a triangle is to alert the user to the presence high voltage within the unit's enclosure that may be of sufficient power to constitute a risk of electrical shock to persons. Caution: to prevent the risk of electric shock, do not attempt to open the unit. No user-serviceable parts inside. Refer all servicing to qualified service personnel. The exclamation mark inside a triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

Select the installation location of your unit carefully. Avoid placing it in direct sunlight or locations subject to vibration and excessive dust. Do not use the unit where there are extremes in temperature (below 41°F / 5°C or exceeding 95°F / 35°C).

**Unpacking and safety** Please unpack your new product carefully. Your new product should reach you in perfect condition. Please check that no damage has occurred during transit. If any damage is found, do not operate your unit. Please contact the retailer you purchased it from immediately. If there is any damage to the mains cable do not use the device. Always disconnect the unit from the mains supply when carrying out any cleaning of the unit.

#### Manufacturer declarations



In compliance with the following requirements: **RoHS Directive (2002/95/EU)** and **WEEE Directive (2002/96/EU)**, and **Battery Directive (2006/66/EU)**. If this product is ever no longer functional please take it to a recycling plant for environmentally friendly disposal. Any supplied batteries can also be recycled.

#### CE declaration of conformity

R&TTE Directive (1999/5/EU), EMC Directive (2004/108/EU), Low Voltage Directive (2006/95/EU). The declarations are available on application from [certification@lambapl.com](mailto:certification@lambapl.com)

Before putting the devices into operation, please observe the respective country-specific regulations.

#### Safety and warnings

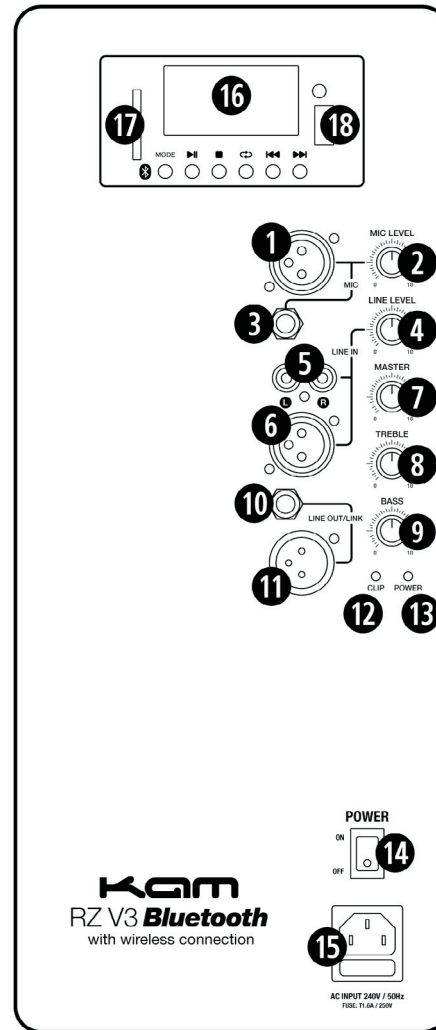
Do not overload the audio as this may result in damage to the speakers. Only connect to an earthed mains supply. When not in use, unplug the unit from the mains. Always unplug from the mains prior to checking or replacing a fuse. During a thunder and lightning storm, always unplug the unit from the mains. If the unit has not been used for a long period of time, condensation can occur inside the housing. Always let unit reach room temperature prior to use.

When mounting the unit on a stand, observe health and safety advice to ensure that you do not injure yourself or others.

Please note that when using the unit powered by the built-in battery, the media player screen may flicker if the battery voltage is low. If this occurs, please turn off the portable PA and charge the battery via the mains.

If you do not use the unit frequently, please charge the unit every three months to keep the battery in good condition. Always turn the unit off after you have finished charging.

#### Kam RZ V3 Bluetooth rear panel connections



#### Kam RZ V3 Bluetooth series rear panel controls

1. Mic in: XLR audio input for microphone
2. Mic level: volume control of microphone input (1 & 3)
3. Mic in: 6.35mm jack audio input for microphone
4. Line level: volume control of line input (5 & 6)
5. Line in: stereo audio line input connection
6. Line in: XLR audio line input connection
7. Master: volume control of speaker output
8. EQ treble: treble frequency equalisation
9. EQ bass: bass frequency equalisation
10. Line out/link: 6.35mm jack line level speaker output
11. Line out/link: XLR line level speaker output
12. Clip LED: lights when the speaker is overloaded
13. Power LED: lights when the unit is powered on
14. Power: mains power switch to turn speaker on or off
15. Power in: IEC mains power input
16. Media player with Bluetooth
17. SD card input
18. USB input

#### Media player operation

If the media player screen is not lit, press the MODE button to activate it. The media player has three inputs. The first is via Bluetooth, the second is via an SD card inserted into the input slot (17.) and the third is via a USB device connected to the USB input (18.). The control buttons act as you would expect (play/pause, stop, cycle, reverse, forward, etc). When you have a source connected to the speaker these buttons can control the play/pause, stop, cycle, reverse, forward functions.

Short press the MODE button to choose between SD card or USB input / radio player (optional) / Bluetooth input.

#### Bluetooth connection

Select Bluetooth input using the MODE button. The speaker is now ready for pairing with your Bluetooth device (smartphone, tablet, etc). Open the Bluetooth preferences on Bluetooth device and select ZY-BT1. You should now be paired and any audio played on your Bluetooth device should now output through the speaker. Adjust the volume on either the speaker or our Bluetooth device.