



## INSTRUCTION MANUAL

# Compact and portable AFA speaker system

M A N U A L V E R S I O N 1 . 0

14 / 09 / 11

Includes 2 x satellite speakers, active subwoofer,  
speaker stands and speakeron cables

**Satellite speakers** - two way passive speaker box  
LF: 1 x 6.5" 38mm 23 oz / HF: 25mm silk cloth dome

Frequency response: 90Hz-20KHz

Crossover point: 3KHz

Sensitivity: 90dB 1W/1M

Impedance: 8Ω / Power: 75W RMS / 150W peak

Input: 2 x speakeron

**Active subwoofer speaker**

LF: 1 x 10" 50mm 40oz

Frequency response: 45Hz-150Hz

Sensitivity: 90dB 1W/1M / Impedance: 4Ω

Power: 250W RMS / 500W peak / Input/output: XLR male & female / ¼ inch jack

For the latest instruction manual updates and information on the entire Kam range visit:

# [www.kam.co.uk](http://www.kam.co.uk)

Kam products are manufactured by: **Lamba plc**, Unit 1, Southfields Road, Dunstable, Bedfordshire, United Kingdom LU6 3EJ  
Telephone: (+44) (0)1582 690600 • Fax: (+44) (0)1582 690400 • Email: [mail@lambapl.com](mailto:mail@lambapl.com) • Web: [www.lambapl.com](http://www.lambapl.com)

If this product is ever no longer functional please take it to a recycling plant for environmentally friendly disposal.

Due to continuous product development, specifications and appearance are subject to change.

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**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. After you have read the instructions, 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.

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 intended 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.**

Any modification carried out on the unit may invalidate the unit's warranty.

If applicable, only use the stand, tripod or bracket specified or sold with the apparatus.

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 servicing or cleaning of the unit.

The serial number for this equipment should be located on the rear or underside of the unit. Please make a note of this number as you will need it for your warranty, it is a good idea to keep a copy of the serial number for your own records.

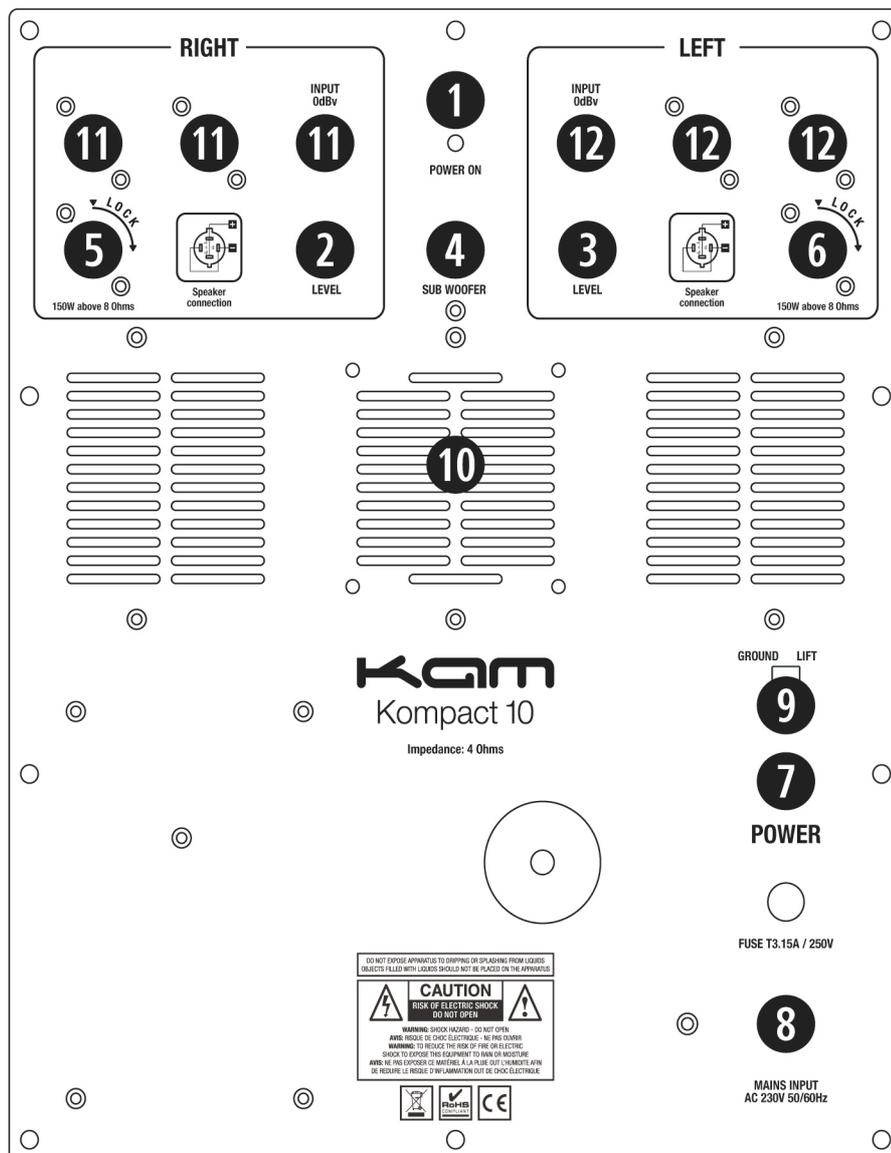
## **Contents**

- 1 x 10 inch active sub woofer
- 2 x passive 6.5 inch mid/high range satellite speakers with 1 inch compression tweeter
- 2 x speakeron cables
- 2 x speaker stands
- 1 x mains cable
- 1 x speaker stand bag

## Overview

10 inch active sub woofer with built in amplifier producing 250w RMS to the sub woofer and 2 x 75w RMS per channel to the satellite speakers. The sub woofer has 35mm pole mount cup to enable speaker pole mounting of the satellites. (Pole not included).

## Rear panel



1. Power LED
2. Right satellite volume
3. Left satellite volume
4. Sub woofer volume
5. Speakeron output to right satellite speaker
6. Speakeron output to left satellite speaker
7. Mains power switch
8. Mains IEC power input
9. Ground lift switch
10. Cooling fan. **Note: this must be kept clear and clean of any debris to allow cooling**
11. Audio input sockets / link out for right satellite speaker
12. Audio input sockets / link out for left satellite speaker

## Connection

Before connecting the speakers and audio source to this device, make sure that all volume/gain controls are turned fully anti-clockwise in the minimum position.

1. Using the first speakeron cables supplied connect the left output socket from the sub to the speakeron input socket of the left satellite speaker.
2. Using the second speakeron cable supplied connect the right output socket from the sub to the speakeron input socket of the right satellite speaker.

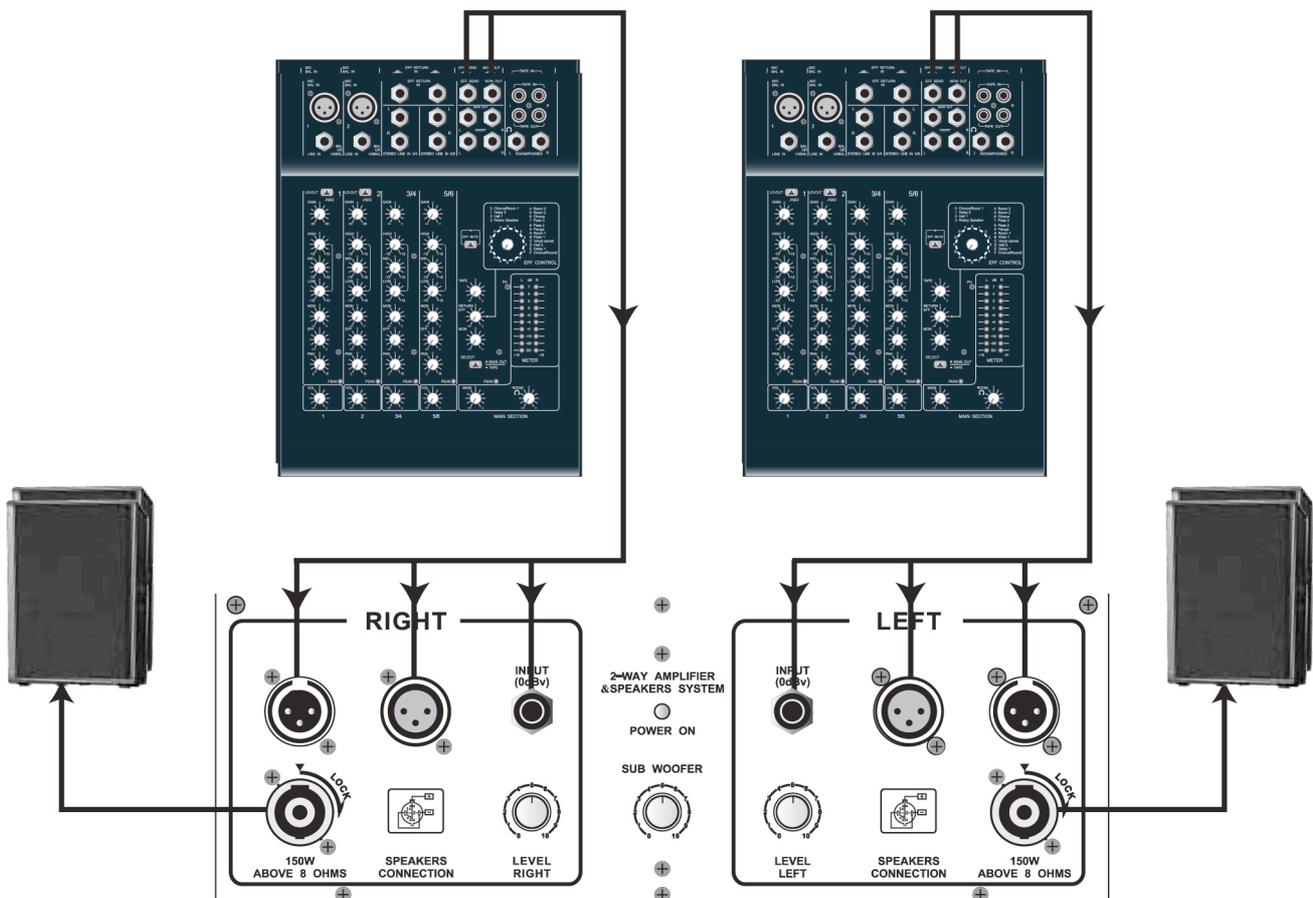
When inserting speakeron plugs into the speakeron sockets please ensure they are fitted the correct way round. When inserting speakeron plugs remember to turn the plug clockwise to lock the plug into position.

To remove the speakeron plug please slide back the metal locking catch and twist the speakeron to the anti-clockwise position before removing the plug.

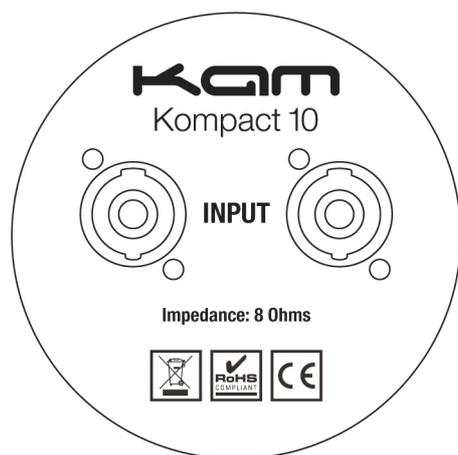
3. Connect your audio input source to the audio input sockets on the sub using either XLR/ ¼ jack plugs. Remember to connect the left input signal to the left input on the sub and the right input signal to the right input on the sub.
4. Turn on the mains power switch and the mains LED will illuminate.
5. Supply the sub unit with an audio signal. For example, audio from a mixer or CD/ line level source.
6. Turn the left and right satellite volume controls clockwise until the desired volume level is achieved.
7. Turn the sub woofer volume control clockwise until the desired bass level is achieved.
8. It is very important not to over drive the sub woofer or satellite speakers. If any distortion or clipping is audible you must reduce the input signal level or reduce the volume of the satellite speakers and bass. Failure to do so will cause damage to the amplifier and or speakers. **DO NOT OVER DRIVE THE SYSTEM.**
9. Ground selector - This switch is for separating the ground of the amplifier from the chassis and may assist with the removal of audio hum.

## Connecting a mixer to the system

See diagram below



## Satellite speaker panel



When inserting speakeron plugs remember to turn the plug clockwise to lock the plug into position. To remove the speakeron plug please slide back the metal locking catch and twist the speakeron to the anti-clockwise position before removing the plug.

### Speakeron plug wiring

Connect the positive + to the +1 connector

Connect the negative- to the -1 connector

+2/-2 are not used

### Specifications

Satellite speakers	
Power handling	75W RMS / 150W peak
Frequency response	90 Hz – 20 kHz
Sensitivity (1m/1w)	90 dB
Max. SPL (1m)	110 dB
Nominal Impedance	8 Ohms
Input	2 x speakeron connectors
LF driver	1 x 6.5" with 1.5" voice coil
HF driver	1 x 1" voice silk cloth dome
Crossover frequency	3 kHz, 12 dB/octave
HF protection	Dynamic protective circuit
Pole mount	35mm
Dimensions (WxHxD)	225 x 346 x 215mm
Net weight	6.4Kgs

Subwoofer	
Line	XLR male & female, ¼" phone jack
Input	Electronically balanced & floating
Input Impedance	22k Ohms
Sensitivity	0 dB/v
Output	Speakeron connector
Subwoofer amp	1 x 250W RMS
Satellites amp	2 x 75W RMS
Subwoofer	1 x 10" with 2" voice coil
Nominal Impedance	4 Ohms
Frequency response	45Hz – 150Hz
Sensitivity (1m/1w)	90dB
Max. SPL (1m)	123 dB
Dimensions (WxHxD)	340 x 429 x 460mm
Net weight	25.6Kgs