



I N S T R U C T I O N M A N U A L

# Soundforce series

12-12A-15-15A

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

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Due to continuous product development, please ensure that you have downloaded the latest instruction manual for this product from the Kam website at [www.kam.co.uk](http://www.kam.co.uk)

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

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

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Due to continuous product development, specifications and appearance are subject to change. © Copyright Lamba plc 2012. E&OE.



M A D E I N C H I N A

**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.

If the unit is powered by the mains, 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)**. If this product is ever no longer functional please take it to a recycling plant for environmentally friendly disposal.

#### 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.

The Kam Soundforce speaker range is available in passive or active models.

### **Soundforce 12 and Soundforce 15 passive**

The connection to your soundforce passive is via a speakeron socket. Connect a suitable cable from the output of your amplifier to the input socket on the rear of your Soundforce passive speaker.

### **Connecting your speakers to your amplifier**

- Always ensure that both volume controls on your amplifier are turned to zero and that its mains power is switched off when making connections.
- Using an appropriate cable (if in doubt refer to the 'Connection types' section below) connect the left speaker to channel A and the right speaker to channel B.
- Please read the rest of this manual before turning on the power or adjusting the volume controls.

### **Connection types**

Speakeron - some amplifiers feature a pair of Speakeron speaker output sockets. Speakeron is a standard connection type that is only used for connecting speakers to amplifiers. You cannot use Speakeron connections for any other type of audio signal connection.

The Speakeron connections on your Soundforce speaker are internally wired with a standard +1 / -1 configuration. This means they are designed to be used with two pin Speakeron cables. This wiring configuration matches all Speakeron equipped Kam speakers.

### **IMPORTANT! Active speakers**

Before connecting active speakers to the mains power supply, ensure that the mains voltage selector (26) is set to the correct voltage supply for your country! Failure to do so will severely damage the unit.

### **Features**

- Tough injection moulded cabinet
- Active amplified speaker
- USB memory stick reader
- SD card reader
- iPod / iPhone compatible
- iPod docking bay
- Built-in Mp3 player
- Stylish trapezoidal design for pole mount, floor mount and horizontal foldback monitor placement
- Linkable to other active speakers
- 5 band graphic EQ
- Line in / outputs
- Built in wheels
- Pull handle
- 35mm pole mount

### **Connections to Soundforce12A / Soundforce15A**

Please note these are active cabinets and require a line level input signal only, NEVER connect directly to an amplifier, as this will severely damage your speakers and or amplifier.

If in any doubt contact your retailer for advice before connection

The Soundforce range of active speakers can be connected in the following ways:

1. Microphone: you can plug a microphone directly into the rear panel of the speaker, using either the unbalanced ¼ jack socket (15) or the balanced XLR socket (14).
2. Audio source: A CD/Mp3/or line level audio source can be connected directly to the rear panel of the speaker, using the phono/rca input sockets (12).
3. Mixer: Connecting a mixer to a Soundforce speaker is easy - use either the RCA (12) or XLR (11) input sockets. Remember if stereo sound is required that a pair or active speakers is required and the left signal from you audio source will need to go to one speaker and the right signal from your audio source will need to go to another.

## Linking

It is possible to link one active speaker to another.

1. Connect your signal cable to the active speaker using one of the line in sockets (11) or (12).
2. Connect a lead from one of the line out sockets (8) or (9).
3. Connect this lead to the line in socket (11) or (12) of the next active speaker.

Please note you cannot connect a passive speaker to this output.

## Tone controls

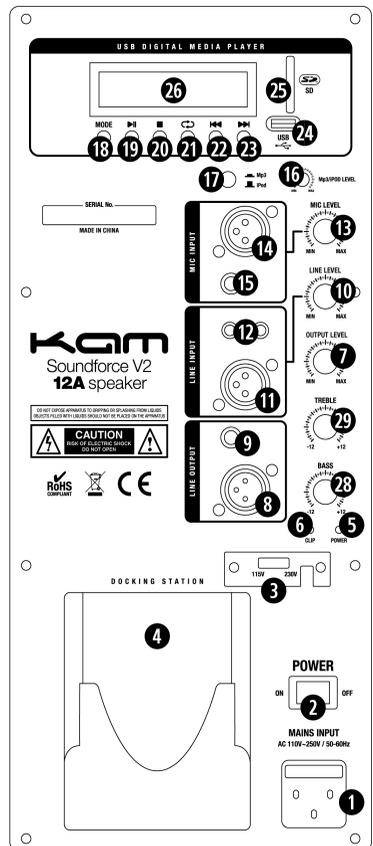
To adjust the tone, bass, mid and treble use the 5 band graphic equaliser to adjust the sound to your personal taste (Soundforce 15A only). If you are using a Soundforce 12A use the bass and treble controls.

## Clip LED

If the clip light is flashing occasionally this is ok but if the clip light is illuminated constantly or distortion is heard from the speaker, reduce the master output volume, adjusting the graphic equaliser will normally allow you to increase the output level but reduce the clip limiter or distortion

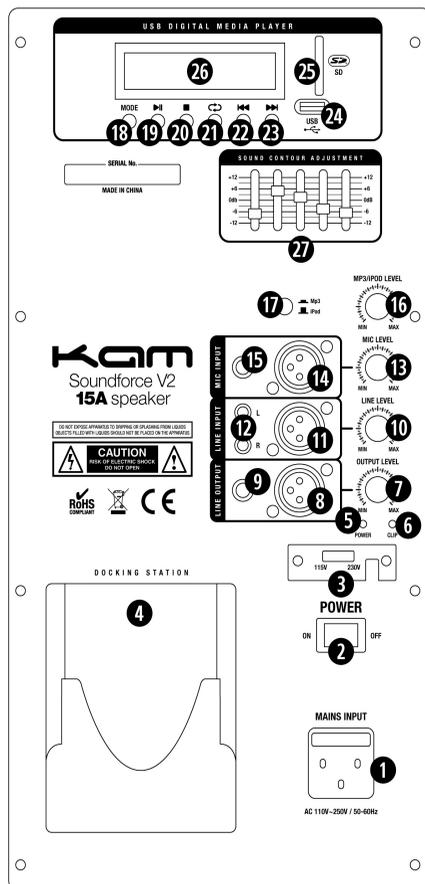
## Rear panel Soundforce 12a

1. Mains fused input
2. Power on / off switch
3. Mains voltage selector 115/240v AC
4. iPod / iPhone docking station
5. Power LED
6. Clip LED
7. Master output level
8. XLR Line level output
9. 6.35mm jack line level output
10. Line level input volume control
11. Balanced XLR line level input socket
12. RCA / phono line level inputs
13. Microphone volume level
14. Balanced microphone input socket
15. Unbalanced 6.35mm jack microphone input socket
16. Mp3 / iPod dock power selector button
17. Mp3 player / iPod dock power selector button
18. Mode. Used to select between SD or USB
19. Play / pause
20. Stop
21.  press to access the repeat functions (displayed in LCD screen)
22. Previous
23. Next
24. USB socket
25. SD reader
26. LCD display
27. N/a
28. Bass level
29. Treble level



## Rear panel Soundforce 15a

1. Mains fused input
2. Power on / off switch
3. Mains voltage selector 115/240v AC
4. iPod / iPhone docking station
5. Power LED
6. Clip LED
7. Master output level
8. XLR Line level output
9. 6.35mm jack line level output
10. Line level input volume control
11. Balanced XLR line level input socket
12. RCA / phono line level inputs
13. Microphone volume level
14. Balanced microphone input socket
15. Unbalanced 6.35mm jack microphone input socket
16. Mp3 / iPod dock volume control
17. Mp3 player / iPod dock power selector button
18. Mode. Used to select between SD or USB
19. Play / pause
20. Stop
21.  press to access the repeat functions (displayed in LCD screen)
22. Previous
23. Next
24. USB socket
25. SD reader
26. LCD display
27. Graphic equalizer



### Using Mp3 playback

The Mp3 player supports wma or Mp3 files

1. Insert USB stick or SD card
2. Turn on Mp3 player power (17)
3. Use the mode button to select USB or SD
4. Use the previous / next track buttons to select desired track
5. Press play button
6. Use the  button to select the repeat mode function this is displayed in the LCD display.

Please note the USB port is for a USB memory stick and will not read from mobile phone or hard drive devices. It will not charge USB devices. The choice of individual folders is not available and all audio files will be listed in one directory.

### **Using the docking station**

1. Insert your iPod / iPhone into the docking station.
2. Do not force your unit into the docking station but make sure it is located correctly.
3. Ensure the iPod / Mp3 player switch (17) is in the correct position.
4. Use your player in the normal way.

**Note:** the LCD display on the Mp3 player is not compatible with iPod use.

### **Specifications**

#### **Soundforce V2 12**

Two way injection moulded passive speaker

Power handling @ 8 Ohms: 250w continuous RMS | 500w program power | 1000w peak power

Nominal impedance: 8 Ohms

High quality woofer and tweeter with crossover

12 inch driver / Steel woofer chassis

Tweeter: Ti. Compression / Sensitivity: 97dB -1w/1m

Frequency response: 55Hz - 20 kHz ±3dB

Connections: Speakeron

35mm pole mount

Dimensions (WxHxD): 385 x 580 x 345mm

Weight: 16Kg

#### **Soundforce V2 12A**

Two way injection moulded active speaker with built-in USB/SD media player, 5 band EQ, mic input and iPod dock

Power handling: 250w continuous RMS | 500w program power | 1000w peak power

High quality woofer and tweeter with crossover

12 inch driver / Steel woofer chassis

Tweeter: Ti. Compression / Sensitivity: 97dB -1w/1m

Frequency response: 55Hz - 20KHz ±3dB

Audio inputs: AUX / USB / iPhone / iPod / SD card

Audio input connection: RCA / XLR

Audio output/thru connections: Speakeron

Fuse rating: 20mm / 5.0 amp

Rated voltage: AC 100V-240V / 50Hz-60Hz

35mm pole mount / Trolley wheels

Dimensions (WxHxD): 385 x 580 x 345mm

Weight: 20Kg

**Soundforce V2 15**

Two way injection moulded passive speaker

Power handling @ 8 Ohms: 300w continuous RMS | 600w program power | 1200w peak power

Nominal impedance: 8 Ohms

High quality woofer and tweeter with crossover

15 inch driver / Steel woofer chassis

Tweeter: Ti.Compression / Sensitivity: 97dB -1w/1m

Frequency response: 55Hz - 20KHz 3dB

Audio input/output/thru connections: Speakeron

35mm pole mount

Dimensions (WxHxD): 450 x 675 x 405mm

Weight: 21Kg

**Soundforce V2 15A**

Two way injection moulded active speaker with built-in USB/SD media player, 5 band EQ, mic input and iPod dock

Power handling: 300w continuous RMS | 600w program power | 1200w peak power

Digital with transformer support

High quality woofer and tweeter with crossover

15 inch driver / Steel woofer chassis

Tweeter: Ti. Compression / Sensitivity: 97dB -1w/1m

Frequency response: 55Hz – 20 KHz 3dB

Audio inputs: AUX / USB / iPhone / iPod / SD card

Audio input connection: RCA / XLR

Audio output/thru connections: Speakeron

Fuse rating (active): 20mm / 5.0 amp

Rated voltage: AC 100V-240V / 50Hz-60Hz

35mm pole mount / Trolley wheels

Dimensions (WxHxD): 450 x 675 x 405mm

Weight: 25Kg