

KAM

INSTRUCTION MANUAL

KSM1750 MKII

Professional smoke machine

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

Fast warm up time
1750w heater / 2.5 litre tank capacity
Smoke output: 21,000Cu ft/min
Low fluid level indicator & cut off
Wireless remote control
Selectable timer and fog output modes
Electronic thermostat control
Robust metal chassis
Adjustable hanging bracket

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

www.kam.co.uk

Kam products are manufactured by: **Lamba plc**, Unit 1, Southfields Road, Dunstable, Bedfordshire, United Kingdom LU6 3EJ

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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 product, we hope that it serves 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.

This unit has been tested at the factory before being shipped to you. There is no assembly required.

To prevent or reduce the risk of electrical shock or fire, do not expose this unit to high temperature and rain or moisture.

Unpacking

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.

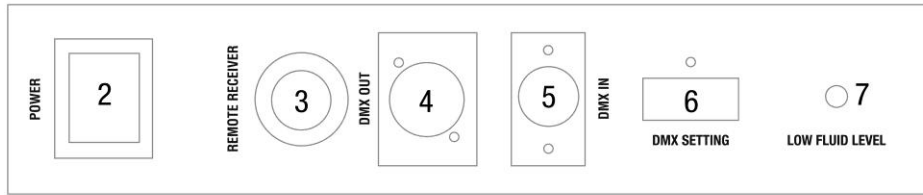
Safety

1. Ensure the smoke machine has sufficient fluid in the tank before plugging the unit into the mains.
2. Never allow the smoke machine to run dry of fluid when operating.
3. The smoke machine output nozzle is HOT and care should be taken to ensure that no person can touch the smoke outlet nozzle.
4. Please note that smoke machines MAY set off fire alarms and permission should be gained from the venue before usage of the unit.
5. This smoke machine has a thermostatically controlled safety device, if the smoke machines operating temperature changes the unit will shut down for a short period while it either re-heats or cools down to the correct temperature, after this time the unit will operate as normal again.
6. The smoke machine has a fluid level safety cut out, if the fluid level gets too low the LED on the rear panel will illuminate and the machine will cut out, refill the fluid tank with smoke fluid, the LED will go out and the machine will function again.
7. Periodically the smoke machine should be flushed clean, to do this empty the tank of smoke fluid and refill the tank half way with distilled water, operate the smoke machine until all the distilled water has been used and then replace with ordinary smoke fluid, run the unit again until the smoke returns to normal density.

Features

- Full dmx 512 control
- Powerful 1750w heater unit
- Quick warm up time
- High smoke output 21,000 cu ft pm
- 2.5 high capacity fluid tank
- Thermostatically controlled element
- Low fluid level cut off
- Full timer remote
- Wireless remote control
- Hanging bracket

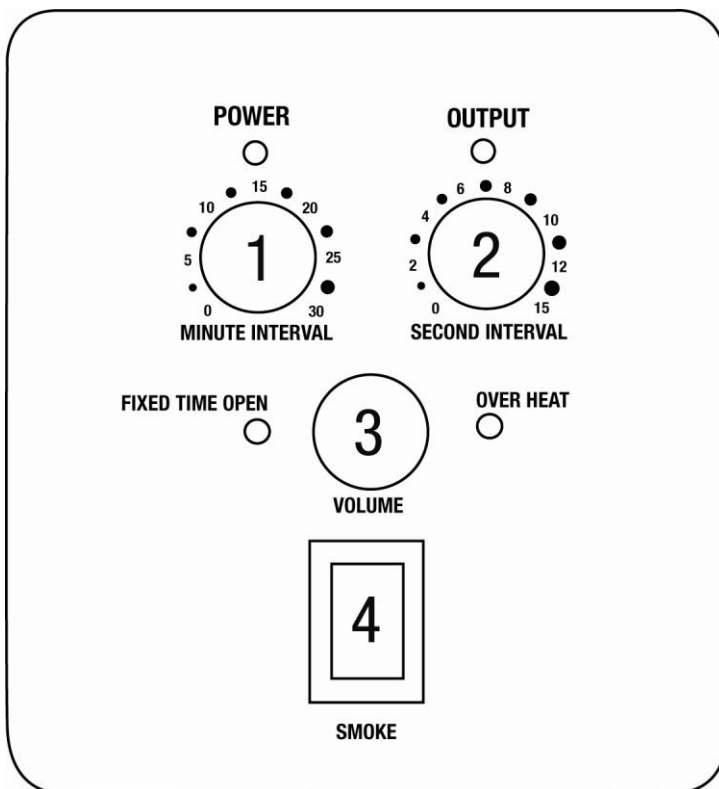
Rear panel



1. Mains 240v IEC inlet
2. Mains on/off switch
3. Wireless receiver
4. DMX output
5. DMX input
6. DMX address
7. Low fluid level LED



Timer remote



1. Cycle Minute Interval
2. Smoke Output Duration
3. Smoke Output Volume
4. Manual Smoke Activation

1. **Cycle Minute Interval** – Sets and controls the desired delay of the smoke output (how often machine takes to output smoke)
2. **Smoke Output Duration** - Sets and controls the duration of smoke required (how long smoke comes out for)
3. **Smoke Output Volume** - Sets and controls the density of the smoke output.
4. **Manual Smoke Activation** - Instant smoke button (press to override timer or for instant smoke jet)

This timer remote is removable from the main machine unit and can be connected via an extension lead.

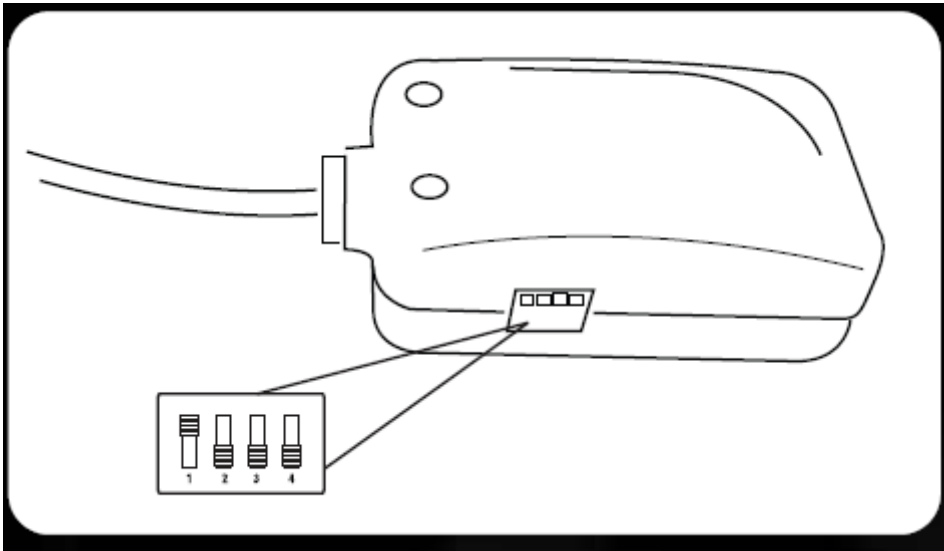
Locating socket for control panel is beneath the remote control unit. (This control cable is used when the control panel is removed from the unit to be used in different location, connect 1 end to the smoke machine and the other end to the rear of the control panel). When the timer remote is in use the LED will flash, indicating that a run time has been set.

To use the timer remote control functions.
The red smoke button (4) must be in the off position.

This may be used while fitted into the body of the smoke machine or when connected to the supplied external control cable.

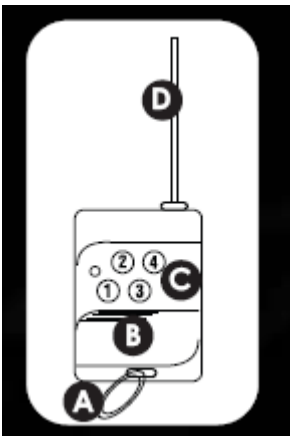
Remote receiver

The 4 channel switches on the remote control receiver correspond with the buttons on the keyless remote control
i.e. by selecting switch 1 on the receiver, the smoke machine will operate on button number 1 on the cordless remote control



Please note

Being a 4 channel keyless remote control, several of these units can be operated via one remote control, either 4 separate units (1 per button) or by setting the receiver buttons to the same number and assigning them to just one button on the remote (all machines set to 1 will operate when button 1 on the keyless remote is pressed).



Remote Transmitter

- A - Keychain hook
- B - Sliding button cover
- C - Operating buttons 1-4
- D - Telescopic aerial