



iVAC Switch Box SB24013-UK Operating Instructions

You have acquired a high quality product. For safe operation and to gain the full benefit of your iVAC Switch Box, please read through this document **before** use. Retain this document and your proof of purchase for future reference.

INTELLIGENT VACUUM CONTROL

The iVAC Switch Box is an intelligent controller for a vacuum. The iVAC Switch Box enables the automatic switching of a vacuum for your health, enhanced safety, convenience, and energy efficiency. The iVAC Switch Box unit is intended to be used with a power tool such as a router, planer, saw or sander and an associated vacuum. The intelligent sensing, electronic delay and programmed overrun optimise your dust collection and power consumption.

FUNCTIONALITY

A vacuum connected to the iVAC Switch Box is controlled by 3 modes: AUTO – 0 – 1.

AUTO (automatic): When the connected power tool is switched on the vacuum will **automatically** switch on after a delay of about 1 second. This delay function is to prevent the start up power surges of the power tool and vacuum coinciding and overloading your switch box and/or power source. When the power tool is switched off the vacuum will continue to run for about 7 seconds then **automatically** switch off. This overrun function is to purge dust and debris from your power tool, workstation and pipes.

1 (ON): The vacuum is permanently **on** regardless of the state of the power tool.

0 (OFF): The vacuum is permanently **off** regardless of the state of the power tool.

DESCRIPTION AND OPERATION

The iVAC Switch Box supply cord is fitted with a UK 13A (BS1363) plug installed with a 13A fuse.

The two socket outlets on the iVAC Switch Box are specific and labelled TOOL POWER & VACUUM POWER.

The vacuum mode switch has 3 operating positions: AUTO – 0 – 1 (explained in FUNCTIONALITY above).

The resettable 13A circuit breaker is provided for overload and fault protection.

The 4 mounting tabs enable secure fastening to Walls, Benches and Equipment.

The integral earth terminal is provided for bonding ducting and vacuum accessories for static grounding.

The maximum **combined** load of the power tool **and** the vacuum is 2900watts. The maximum vacuum power is 1500watts.

SAFETY

Misuse of your iVAC Switch Box and any equipment connected to it can potentially lead to injury and damage.

Do not exceed the maximum **total** load of 13A (2900watts) This is the load of the vacuum **and** Power tool combined.

Ensure the power tool and vacuum are plugged into the correct socket outlet on the iVAC Switch Box unit.

Do not connect any hazardous tools or equipment to the Vacuum outlet on the iVAC Switch Box unit.

Do not alter, modify or adapt the iVAC Switch Box. Do not open the iVAC Switch Box housing.

The iVAC Switch Box unit is suitable for indoor use, in dry environments only.

The iVAC Switch Box **must** only be connected to an adequately rated and earthed power source which is RCD protected.

Use extension leads and adaptors with extreme caution – they must be suitably rated, earthed and uncoiled.

Inspect your iVAC Switch Box regularly - Do not use if the housing, controls, leads or connectors are damaged or worn.

We recommend appropriate portable appliance testing (PAT) of the iVAC Switch Box, your power tools, vacuums, adaptors and extension leads.

TECHNICAL DATA

220 - 240V 50/60 Hz AC

Maximum **total** load is 13A - 2900watts

Maximum vacuum power is 1500watts

Power tool AUTO switching threshold is approximately 0.15A – 35watts

Circuit breaker is 13A, user resettable

Suitable for continuous operation

Housing – ABS 94V0 fire retardant

Housing – 128mm wide. 177mm high (incl fixing tabs). 56mm deep. 580g

Approvals – CE, RoHS

Protection - IP20 - Class I

GUARANTEE - SB24013-UK

The iVAC Switch Box is guaranteed against defects in material and workmanship, under normal usage, for one year from the date of purchase.

This guarantee is not transferable and does not effect your statutory rights. This guarantee **does not apply** in cases of improper use,

negligence, lack of maintenance or accidental damage. Under the terms of this guarantee a faulty iVAC Switch Box will either be repaired or replaced free of charge. Liability is limited to the iVAC Switch Box only, no other costs will be reimbursed. This guarantee does not confer any rights other than those expressly set out above.

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