

iVAC Pro Remote User Guide.

Provisional layout
Front Cover and Pages 1 to 10.

Front Cover

iVAC Pro Remote User Guide.

Picture

MBright Tools iVAC Inc.

[www. Ivacswitch.com](http://www.Ivacswitch.com).

iVAC Pro Remote User Guide P1 and 2

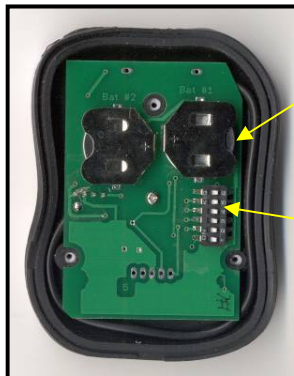
Table of Contents.

Physical Features.
General Description.
System Address
Tool Address
Replacing Batteries
Specifications
Regulatory approval.

Physical Features



Belt Clip



CR2032
Batteries

DIP Program
Switch.

iVAC Pro Remote User Guide P3 and 4

General Description.

The 'iVAC Pro Remote' has been added to the 'iVAC Pro System' to operate in conjunction with an 'iVAC Pro Switch' and enable a dust collector to be controlled remotely, by means of a manual operation.

The 'iVAC Pro Remote' can be programmed by means of an internal DIP program switch to operate on one of four System Addresses and one of eight Tool Addresses, similar to an 'iVAC Pro Tool'. (Refer to iVAC Pro System User Guide.)

The 'iVAC Pro Remote' is intended for indoor use in dry locations only.

When the ON button is pressed, a radio frequency transmission is sent to the 'iVAC Pro Switch' instructing it to turn on and provide power to the dust collector. When the OFF button is pressed, the power will be removed from the dust collector.

The Turn On Delay and Turn Off Time for the dust collector will be as programmed in the 'iVAC Pro Switch'.

To ensure consistent operation, it is recommended that the buttons are operated for one to two seconds.

The Remote is housed in a plastic case
90mm x 70mm x 25mm.

An easily attached belt clip is also provided.

The rear cover is attached by three screws. Removing the cover allows access to the batteries and the DIP program switch.

This allows the batteries to be changed and also to program address functions of the 'iVAC Pro Remote' by means of the six position DIP program switch.

There are two address functions, System Address and Tool Address.

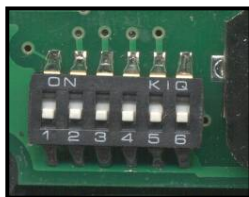
iVAC Pro Remote User Guide P5 and 6

System Address

A System consists of an 'iVAC Pro Switch' and from one to eight iVAC Pro Tools or iVAC Pro Remotes. There can be any mix of Tools or Remotes.

By means of positions S1 and S2 of the Program Switch, the Remote can be assigned to work on one of four System Addresses, A, B, C or D.

The System Address enables up to four Systems to operate independently while within communication range of each other.



System Address * factory setting	S1	S2
* A	Off	Off
B	On	Off
C	Off	On
D	On	On

iVAC Pro Remote User Guide P7 and 8

Tool Address

Each iVAC Pro Remote or iVAC Pro Tool must be assigned an independent one of eight tool address. This information is used by the Switch to enable it to know the status of each individual iVAC Pro Tool or iVAC Pro Remote in the System. The Tool Address is set by means of positions S3, S4 and S5 of the Program Switch.

Tool Address * factory setting	S3	S4	S5
1	On	Off	Off
2	Off	On	Off
3	On	On	Off
4	Off	Off	On
5	On	Off	On
6	Off	On	On
* 7	On	On	On
8	Off	Off	Off

iVAC Pro Remote User Guide Pages 9 and 10

Replacing the batteries

The batteries have a useful life of 25,000 operations over a 3 year period.

To remove the batteries it is recommended to use the tip of a pen or similar device and push from the inside edge of the battery holder.

When replacing batteries, both batteries should be replaced at the same time. The positive (+) side of the battery should face away from the circuit board.

Specifications

Plastic housing ABS 94V0 plastic.

Powered by 2 CR2032 lithium batteries.

Rf Range 40' line of sight.

Regulatory approval

This device complies with part 15 of the FCC rules.

Operation is subject to the following two conditions

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the users authority to operate the equipment.

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