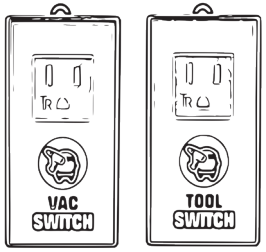
Tool & Vac Switch Adapter Combo. Bundle Quick Start Guide



IMPORTANT SAFETY INSTRUCTIONS

- Before using your Tool & Vac adapters with your equipment, carefully read and understand all the documentation that came with the equipment you indent to use with these adapters. Pay particular attention to your equipment maximum power requirements as they should not exceed the adapter's maximum specifications of 1800 Watt.
- To prevent fire or shock hazard, never expose the adapters to rain or moisture. These adapters are designed for indoor use only.
- Never try to open or expose the internals of an adapter. The dangerous high voltages and currents inside may result in serious physical injury or death.
- These adapters do not contain any serviceable parts inside. If the adapters appear to be broken, do not use or try to fix them by yourself, please contact our customer support center for proper service or replacement.
- These adapters should be operated only from the type of power source indicated on the unit's back label. Since output voltage is fed directly from the input power source, make sure that equipment plugged at the adapter's receptacle are capable of operating at the same voltage level as that of the adapter's input.
- Do not overload with power strips or extension cords the output receptacle. Feeding multiple devices off the adapter's output may result in overload which can cause fire or electric shock.
- Avoid exposure to temperature extremes or wet surfaces.

WELCOME

Thank you for purchasing our Tool & Vac Switch Adapters! The most innovative, scalable and customizable shop vac switching technology which allows for the interconnection of unlimited number of tools and particulate collection systems.

PACKAGE CONTENTS

- 1 x Tool Switch Adapter
- 1 x Vac Switch Adapter

INSTALLATION

1. Turn off and unplug your tool and vacuum devices from their power sources.
2. Plug your dust collection system or shop vacuum device into the Vac Switch Adapter's receptacle. Make sure that your dust collection or shop vacuum device do not exceed the adapter's maximum power rating of 1,800 Watts.
3. Plug your tool device into the Tool Switch Adapter's receptacle. Make sure that your tool device does not exceed the adapter's maximum power rating of 1,800 Watts.
4. Plug your Vac Switch Adapter device into a nearby electrical outlet capable of driving your dust collection system or shop vacuum.
5. Plug your Tool Switch Adapter device into a nearby electrical outlet capable of driving your tool.
6. Wait up to one minute after powering up your Tool & Vac Switch Adapter to intercommunicate.

NOTE: Powering up your Tool & Vac Switch Adapters from separate AC power circuit outlets ensures maximum power availability.

DEFAULT OPERATION

Factory programmed Tool & Vac Switch Adapters operate with the following default settings:

- Group Pin is set to '4321'
- Delayed OFF time is set to '10' seconds.
- Delayed ON time is set to '0' seconds.
- Tool Sensitivity Level is set to 'Medium'

CHANGING DEFAULT OPERATION

You may modify the Tool & Vac Switch Adapter's default operation at the very first minute when they are first plugged into the electrical wall outlet. Passing this first minute of operation these adapters will start to intercommunicate possibly seeking out to join existing installations. The startup sequence of events for these adapters will then be as follows:

1. Each adapter device upon power up will advertise its unique ID for up to one (1) minute.
2. During this first minute you may use our Android mobile application to connect to either a Tool or Vac Switch Adapter device.
3. Once an adapter has connected to a mobile phone, it will remain connected until mobile application exits.
4. At this time, you may use our mobile application to modify and save any of the default parameters as you desire.
5. Once you decide to exit the mobile application, the adapter devices will invoke the newly installed configuration and resume operation.

Depending on which of the adapter's parameter you would like to modify, you will need to connect your phone to either a Tool or Vac Switch Adapter device using the same (above) outlined procedure.

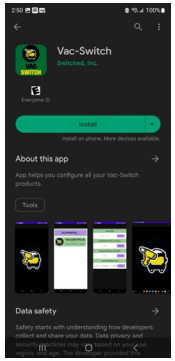
- 'Group Pin' is the only parameter which applies to both Tool & Vac Switch Adapters, since it sets up the group number which identifies your particular installation, amongst all other possible installations in your premise. Dust collection or shop vacuum devices that need to be triggered by the same power tool device should share the same group pin number.
- 'Delayed OFF time,' 'Delayed ON time,' 'Tool Sensitivity Level,' are power tool related parameters, stored by Tool Switch Adapters. In order to modify these parameters, you must connect your mobile application to the corresponding Tool Switch Adapter.

Detailed step-by-step mobile application installation and customization examples are given on our corresponding Android Mobile Application website pages.

NOTE: if an adapter is already in operation in order to configure it you must:

- **Disconnect the adapter from the wall outlet**
- **Wait up to a minute**
- **Plug the adapter back into the wall outlet to resume advertising**
- **Launch the Android Vac-Switch mobile application to modify the adapter's settings.**

Android Mobile App. Quick Start Guide



Step 1: Install the Android Mobile App

On your Android phone launch to click the Google Play Store and search for the 'Vac-Switch' mobile application. Click on the installation button to download the Vac-Switch mobile application on your device or select your other devices to direct the install to. Alternatively, you may download the Vac-Switch mobile application directly using your web browser by selecting and clicking our direct Vac-Switch Google Playstore web link.

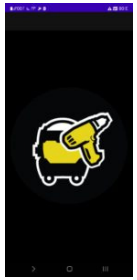
NOTE: Alternatively, you may download the Android mobile app. from our website at http://www.vacswitch.com.

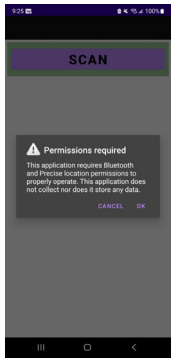
Step 2: Launch the Mobile App.

On your Android phone swipe up from the bottom of your screen and enter 'Vac-Switch' to locate and select the Vac Switch mobile application. Alternatively, swipe left or right to find the 'Vac-Switch' mobile application logo and launch the application.

Step 3: Splash Screen

Upon successful mobile application launch the 'Vac-Switch' splash logo screen will automatically launch. Please, wait for a few seconds for the splash screen to expire before you may proceed configuring the rest of the application settings.



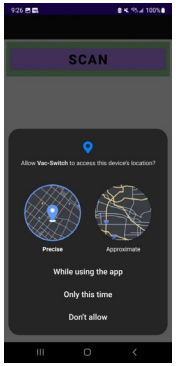


Step 4: Bluetooth Permissions

You have the opportunity to customize your purchased Tool or Vac Switch Adapters for up to one minute when you first plug-in your adapter into a wall outlet. Prior of using this feature you must permit the Vac-Switch mobile app. to use your phone's Bluetooth radio capabilities so that the application is able to scan and locate nearby Tool or Vac Switch Adapter devices.

Select 'OK' when your phone prompts you if you would like to grant Bluetooth and Precise location access to the Vac-Switch mobile application.

NOTE: The Vac-Switch mobile application does not collect nor does it store any data.

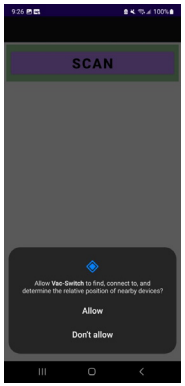


Step 5: Device Location Permissions

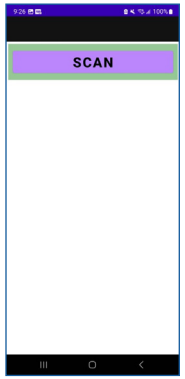
Vac-Switch mobile application requires granting precise location access to be able to scan your specific location for nearby Tool or Vac Switch Adapters. The mobile app. requires precise Bluetooth location discovery in order to identify close proximity Tool or Vac Switch Adapters.

Select '**While using the app**' and '**Precise** (highlighted by default)' when your phone prompts you for a response. Choosing these options will allow you to customize your devices each time you launch the Vac-Switch mobile application without having to dig through your phone's settings each time you want to modify your installation.

Step 6: Application Permissions



The Vac-Switch mobile application has the ability to find and connect to nearby Tool & Vac Switch Adapter devices in order customize its parameter settings per your installation requirements. When prompted, select '**Allow**' to enable mobile to adapter communication to take place, so that your newly modified settings are transmitted to your purchased adapters.



Step 7: Scan for Devices

You are now ready to scan for nearby Tool or Vac Switch Adapter devices. Remember that before you click on the 'Scan' button you must, first:

- Unplug your Tool or Vac Switch Adapter device from the wall outlet.
- Unplug your Tool or Vac Switch Adapter device from the wall outlet.
- Wait up to one (1) minute, while the adapter is unpowered.
- Plug the adapter back on the wall outlet.
- Click 'Scan' on the Vac-Switch mobile app, within thirty (30) seconds, after the adapter has been powered on.

Please note the following:

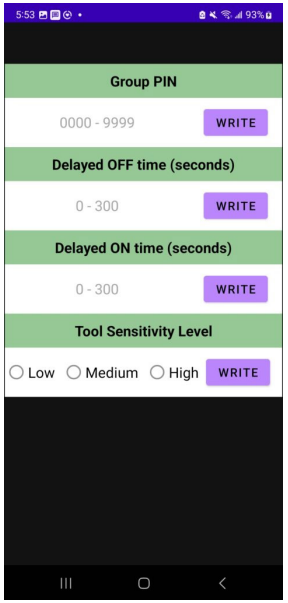
- **If the mobile app is unable to discover your Tool or Vac Switch Adapter you are either too far from the adapter or you haven't kept the adapter unpowered for the required duration of up to one (1) minute.**
- **If the mobile app has discovered more that one adapter, you might not be able to distinguish which particular adapter you are configuring. We recommend that you scan and discover one adapter at a time, since that might be less confusing specially if you haven't noted an adapter's serial number.**

Step 8: Discover Devices

The mobile app will list all broadcasting Tool & Vac Switch Adapter devices in the vicinity for you to choose from. Please select one of these devices for you to customize. *** NOTE ***

- **You will not be able to distinguish if a particular listed device is of Tool or Vac Switch Adapter variety unless you have previously noted its serial number. It is therefore recommended that you only customize one device at a time (enabling device discovery by un-plugging and re-plugging it while allowing device to be in the unpowered state for at least one minute). That way you will know which device is advertising for you to customize.**
- **A device (Tool or Vac) will advertise for a maximum of up to one (1) minute prior of seeking out its complement device.**
- **Once the Vac-Switch mobile app. engages a device (Tool or Vac) in active communication, the device cannot intercommunicate with other devices until released by the mobile application. Device release will happen automatically once the user closes the Vac-Switch mobile app.**

Step 9: Customize your Device



Group Pin

On Tool & Vac Switch Adapters require to have the same group pin number in order to interoperate.

NOTE: Any number of Tool or Vac Switch Adapters may share the same pin number if it is for all these devices to participate in the same installation. And, should any two devices have different group pin numbers assigned to them, then they will belong to separate installations (although the devices may coexist in the same physical location).

Tool Sensitivity

Tool Switch Adapters may modify their sensitivity level according to the particular requirements of the tool device they provide power to. As example a work light may require 'High' sensitivity level, while a bandsaw may require a 'Low' setting.

NOTE: By default Tool Adapters sensitivity is set at 'Medium' level. This factory default setting should be sufficient for most jobs.

Delayed Off

Tool Switch Adapters may modify their delayed 'off' time as required. Delayed 'off' time is the time, in seconds, required for the tool device to continuously operate prior of activating the dust collection system or shop vacuum device.

NOTE: The default delayed 'off' time is zero seconds (0s). This setting allows the dust collection system or shop vacuum to be activated immediately upon tool activation.

Delayed On

Tool Switch Adapters may modify their delayed 'on' time as required. Delayed 'on' time is the time, in seconds, required for the dust collection system or shop vacuum to continue running after the tool device has ceased to operate.

NOTE: The default delayed 'on' time is ten seconds (10s). This setting allows for the dust collection system or shop vacuum device to remain active for ten seconds (10s) after tool has been powered off.

FCC Compliance Statement

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: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

– Reorient or relocate the receiving antenna.

– Increase the separation between the equipment and receiver.

– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

– Consult the dealer or an experienced radio/TV technician for help.

Tool & Vac Switch Adapter Combo. Bundle Product Demo Videos

Watch full video tutorial at
https://www.vacswitch.com/tool-vac-switch-combo-bundle-walk/

THE LATEST IN WIRELESS TOOL SWITCH TECHNOLOGY

The Vac-Switch Family of products allows for the interconnection of unlimited number of tools and particulate collection systems seamlessly through our wireless adapters.

EASE OF USE FOR SMALL SHOPS

Expand your shop by adding on more Tool-Switch Adapters for all your tools in your workspace. Each Tool-Switch Adapter is capable of triggering your dust collector system or shop vacuum independently. Each Tool-Switch Adapter will maintain your tool specific preferences.

SCALABLE EASY INSTALLATION

Untangle the mess created by similar products! Minimizes your risks of tripping on long extension cords or you having to constantly shuffle dance AC plugs around!

ENABLES THE MAXIMUM IN POWER

No longer are you limited to only a single one wall outlet to provide adequate power to your tool and shop vacuum. Now each device connected may have its own separate AC source circuit.

Watch full video tutorial at
https://www.vacswitch.com/tool-vac-switch-combo-bundle-walk/

WILL HANDLE LARGE MANUFACTURING ENVIRONMENTS

Manufacturers of industrial products or large shop installations composed of several independent work zones may deploy multiple Vac-Switch Adapters each independently associated with multiple Tool-Switch Adapters. You may customize all possible aspects of a work area on a per tool and workstation basis.

LONG RANGE CAPABILITIES

You now can locate your tools, dust collection systems, or shop vacuum where it is most convenient to you and your process, since these adapters could easily inter-communicate even when placed 160 feet apart.

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