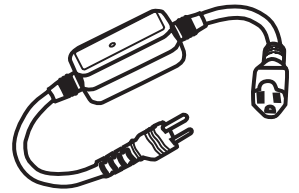


# INSTRUCTION MANUAL FOR MODEL D5252 VACPOD, D5250 TOOLPOD, AND D5ZZZ AIRPOD.



## INTRODUCTION:

Model D5252 Wireless VacPod receiver modules are meant to be used in conjunction with ToolPod or AirPod transmitter modules. When the ToolPod or AirPod transmitter is activated a unique signal from that transmitter will be sent. If there is a VacPod receiver module trained to receive that signal, the VacPod will allow electricity to pass through and activate the vacuum or tool connected to the module. Note: This manual uses ToolPod and AirPod interchangeably. The only difference between the AirPod and ToolPod is the AirPod activates with the flow of an Air Tool and the ToolPod activates with the flow of electricity to a tool.

## SAVE THESE INSTRUCTIONS

### \*\*\*GENERAL SAFETY RULES AND WARNING:

Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire, property damage and/or serious personal injury.

\*\*\***WARNING:** Do not use any VacPod product to control any device where unexpected or unattended turn on/off could cause serious personal injury and/or property damage. Interference, interruptions, or surges in the electrical system, or malfunction may cause unexpected turn on/off of plugged in devices.

\*\*\***WARNING:** Do not use any VacPod product to control any device where failure to operate could cause serious personal injury and/or property damage. Interference, interruptions or surges in the electrical system, or malfunction may cause plugged in devices to fail to operate as expected.

\*\*\***WARNING:** Do not use any VacPod product to control any medical device. Using any VacPod product to control any type of medical device could result in serious personal injury.

\*\*\***WARNING:** Do not use any VacPod product to control any device that exceeds the rating for that VacPod product. Using a VacPod product to control a device that exceeds the rating for that product could result in serious personal injury and/or property damage. The ratings for VacPod products are as follows:

### Model D5252 12A

If the VacPod product you intend to use is not listed here, consult the instruction manual for that product or call 1-435-637-5885 to determine the applicable rating before plugging in or using that VacPod product.

\*\*\***WARNING:** To reduce the risk of electric shock or fire, do not expose any VacPod product to rain or moisture. If a VacPod product is exposed to rain or moisture, immediately disconnect the product from the AC outlet to reduce the risk of electric shock or fire and consult authorized service personnel.

\*\*\***WARNING:** To reduce the risk of electric shock, do not disassemble any VacPod product. No user-serviceable parts are inside.

\*\*\***WARNING:** To reduce the risk of electric shock, do not use any type of plug adaptor with this product.

\*\*\***WARNING:** If unintended operation of any VacPod product is observed, unplug all products immediately until (1) the source of the interference is identified and eliminated. If you cannot identify the source of interference by talking with others who are using a VacPod system, or if you have any questions about identifying or eliminating interference, please call 1-435-637-5885 before plugging in or using any VacPod product. Remember to exercise good common sense when using your VacPod system. Especially when attaching unattended devices to the system. There can be unexpected consequences if VacPod products are not used with care. For example, a machine can be remotely turned on due to unintended operation or interference from a neighboring untrained VacPod system. If that should happen, your machine could be damaged from overheating, which in turn could cause a fire or create a risk of electrical shock. As another example, if a machine is turned on unexpectedly while not adequately ventilated, a fire could result. Accordingly, DO NOT USE the VacPod system

for the control of medical devices, heating appliances, such as portable heaters, or any other appliance or device that could cause physical injury or property damage if turned on or off while unattended. Similarly, DO NOT USE the VacPod for the control of any appliance or device that could cause physical injury or property damage if it fails to operate as expected. Interference, interruptions or surges in the electrical system, or malfunction may cause plugged in appliances or devices to fail to operate as expected. For these reasons, it is important to read, understand and follow all instructions in this manual, and to consider carefully the potential consequences of unattended or unexpected operation, or failure to operate, of an appliance or device before you attach it to a VacPod system.

\*\*\***WARNING:** To reduce the risk of electric shock, do not use any type of plug adaptor with this product.

\*\*\***WARNING:** To reduce the risk of electric shock, this equipment has a grounding type plug, that has a third (grounding) pin. This plug will only fit into a grounding type outlet. If the plug does not fit into the outlet, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

**Dustless**<sup>®</sup>  
TECHNOLOGIES  
435.637.5885  
1285 East 650 South  
Price, Utah 84501  
dustlesstechnologies.com



**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 instruction. Many 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.

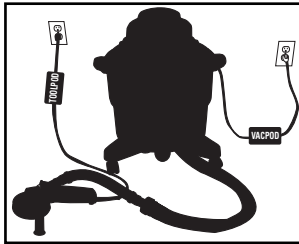
**CAUTION:** Any changes or modification not express approved by Dustless Technologies, Inc. could void the user authorization to operate this equipment.

# INSTRUCTIONS:

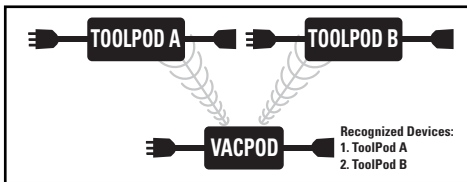
Plug the VacPod module into a wall outlet with the proper rating. Plug the vacuum you would like to activate into the VacPod outlet.

Plug the ToolPod module into a different wall outlet than the one with the VacPod to avoid too much current being drawn on one circuit. Plug the tool that will wirelessly activate the VacPod into the ToolPod outlet. When current flow is sensed through the ToolPod, a signal will be sent to the VacPod to power the attached vacuum. Make sure the plug has the proper rating for the tool used.

If you would like more than one ToolPod to activate a single VacPod, see the training instructions below. One ToolPod can also activate multiple VacPods.



## Multiple ToolPod (or AirPod) modules controlling one VacPod:



After the VacPod has been reset, the first time it receives a wireless signal from a ToolPod, it will automatically recognize that and only that ToolPod that sent the signal. Each VacPod has the ability to learn to operate with a specific set of wireless ToolPod transmitters (up to 16).

For a VacPod to recognize multiple wireless ToolPod transmitters, the following training procedure must be followed. The training/reset button is found on the face of the VacPod module and must be depressed as instructed below.

### Wireless training procedure:

1. Plug the VacPod module into the wall.
2. Press the training/reset button until a small detent is felt. Hold the switch in the depressed position for the next step.

3. Send a wireless signal to the unit from a remote ToolPod transmitter by activating an attached tool.
4. Once the VacPod is activated by allowing electricity to pass, it is permanently trained to that transmitting ToolPod. Note: A small click should be heard when the VacPod activates.
5. As long as the button on the VacPod is pressed, up to 16 transmitting ToolPods can be associated with the VacPod. Release the train-ing/reset button when training is completed.

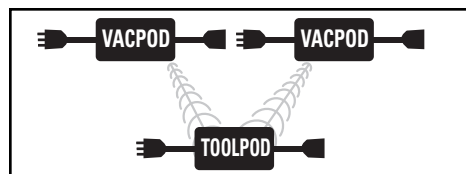
### Resetting VacPod:

The VacPod can be reset back to factory defaults by executing the following reset procedure. In factory default mode, the VacPod does not recognize any wireless start modules. The first time the VacPod receives a wireless signal, it will automatically recognize that and only that transmitting ToolPod.

### Wireless reset procedure:

1. Without plugging the VacPod in, press in the reset/training button until a small detent is felt.
2. While still pressing in on the reset button, plug the VacPod into the wall outlet.
3. The VacPod will now be in the factory shipped state with no training, all previously recognized devices will need to be retrained according to the above training procedure.

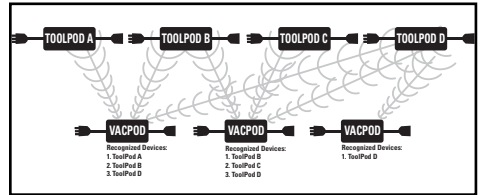
### One Wireless transmitter (ToolPod or AirPod) controlling multiple VacPod modules:



It is possible for one ToolPod to control multiple VacPods. To do this, reset all VacPods then activate the ToolPod so it starts transmitting. When the VacPods are plugged in, they will both

be trained to the first wireless signal received. In this case, all VacPods will be trained to the single ToolPod. If this condition is not desired, reset all VacPods and train them to individual ToolPods.

### Multiple transmitters (ToolPods and AirPods) and Multiple VacPods:

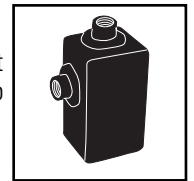


It is possible for each VacPod to recognize 16 unique Transmitters (ToolPods and AirPods). This can be achieved by systematically training one VacPod with associated ToolPods, then moving on to the next VacPod. Care must be taken while training multiple VacPods to ensure that only one module is being trained at a time along with only one wireless transmitting module (ToolPod or AirPod) being activated at a time.

### Special instruction for an AirPod:

#### Installation:

Attach air hoses such that air will flow from the in to the out port as labeled.



#### Battery replacement:

The AirPod has 2 AAA batteries installed. These batteries will need to be replaced occasionally. The time between battery changes will depend on actual use but normally they should last at least 6 months to a year. When air flows through the AirPod, the transmit light on the face of the box will light up. This shows that the device is transmitting. When this light stops blinking when air is flowing, remove the 4 screws on the face of the box and carefully replace the batteries. Take care to not pull too hard on the wires connected to the controller board.

## TOOLSUNC™ TROUBLE SHOOTING GUIDE

Problem	Possible Cause	Possible Solution
Machine connected to VacPod will not start when the wireless tool module starts	Tool draws too little current	Make contact with work surface to draw more current to get remote start module to transmit.
ToolPod module will not activate VacPod Receiver	Wireless ToolPod module has not been trained for this VacPod.	Go through training procedure.
ToolPod lights are not blinking when tool activates	Tool drawing too little current. Drawing plenty of current but still not transmitting	Make contact with work surface to draw more current. Try another tool, if unsuccessful contact customer support.