

The “Foo Pedal”

Wireless Footswitch and Adapter Instructions

The wireless adapter works on pulsed Infrared light much like IR remotes as used with many appliances. Our system is designed not only to operate in line of site, but also be able to reflect and bounce off many different surfaces allowing the footswitch to operate under tables and chairs. Experimentation with the position of the IR target will produce dependable operation. The Foo Pedal will work with any polarity 6-24 volt power supply.

First plug the charger adapter into the footswitch and charge the battery. Then continue to read the instructions.

The footswitch node will illuminate while the battery is charging and will flash when the charge is complete.

The wireless adapter plugs directly into the machine jack on most tattoo power supplies equipped with a ¼ phono jack. The jump plug is inserted into the jack originally used for the footswitch.

The jump plug is made of two pieces, a plug and a removable thumb screw. The plug is designed to accommodate those power supplies where the machine jack and footswitch jack are close to one another. The jump plug can be plugged into the power supply without the thumb screw so that it sets in flush. Thread in the thumb screw to remove the jump plug. Where space allows, the thumb screw may remain attached.

(Power supplies with banana jacks or pin tip jacks will need our NAK-2P kit to connect the wireless adapter.)

Once the wireless adapter and jump plug are plugged into the power supply, the tattoo machine power cord can be plugged into the wireless adapter.

On the wireless adapter is an 8 inch long pigtail with an IR target attached. The target can be turned around to position it for better reception. It is best to position the target just hanging over the table edge pointing toward the floor.

(The target can be unplugged and an extension cord plugged in between the target and pigtail in order to hide the target under the table and away from the table top. NAX-1C Extension cord sold separately.)

DO NOT unplug or re-plug the target with the wireless adapter plugged into the power supply. Always remove power to the wireless adapter before unplugging or re-plugging the target.

In the recess of the wireless adapter is a switch. With the recess positioned upward, the switch in the left position sets the wireless adapter in the maintained mode and in the right position it is in the momentary mode. In the recess is also an orange LED that will illuminate while the wireless adapter is switched on.

There are two different styles of standard footswitches, momentary and maintained. Momentary is push and hold to turn on. Maintained is push to turn on, push again to turn off.

The wireless adapter requires very little power to operate and will not effect the operation of the power supply.

Keep the footswitch node and IR target clean free of dirt and debris for the best operation.

Troubleshooting

Assuming the power supply is plugged in on and functioning properly, is the adapter, jump plug, and tattoo machine plugged properly?

Does the power supply have the correct voltage? Check the specifications of the power supply and see if it produces a minimum of 6 volts. The wireless adapter requires the voltage to be between 6 and 24 volts.

Or, is the wireless adapter connected using the NAK-2P kit. Does it require a jumper for the original footswitch connection on the power supply? Make sure the footswitch jumper wire is properly placed in the footswitch jacks on the power supply.

If the voltage is correct, Then next-

Is the battery charged in the footswitch?

When charging, does the status light illuminate? If it does not, contact the manufacturer. If the light operates correctly, Then next-

Is the IR target plugged into the pigtail?

Does the light on the wireless adapter illuminate when the footswitch is depressed?

If it does not, contact the manufacturer.

If the light operates correctly, Then next-

Unplug the adapter and check if the tattoo machine operates as normal.

If the tattoo machine operates without the adapter but not operate with the adapter, contact the manufacturer.

Also test with the footswitch close to the IR target in line of site before calling us.