
Grip & Puff Switch/Latch/Timer #700-X

USER'S GUIDE



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The pneumatic Grip & Puff Switch/Latch/Timer activates a device with a slight grasp on the soft vinyl grip. Activation pressure is adjustable when used with our Grip Kit (Catalog #701). The larger the grip, the easier it is to activate. You can remove the grip and use it as a Puff Switch, too. Moderate puffing required. Comes with a 1/8" plug. Three different modes to choose from: Momentary, Latch, and Timed modes.

Operation:

1. Turn the Grip & Puff Switch/Latch/Timer upside down to reveal the battery compartment. This switch requires one 9-Volt battery to operate. Use an Alkaline battery only (E.G. Duracell or Energizer brand).
2. Simply connect the Grip & Puff Switch to any switch adapted toy/device via the black cord included.
3. An adapter is provided for use if needed. If you do use the adapter, make sure that there are tight connections between the switch and the adapter AND the adapter and the toy/device. There should be no gaps.
4. Slide the ON/OFF switch into the "ON" position (Note: turn the unit "OFF" when not in use to preserve battery life).
5. Select the desired mode of operation by sliding the **Mode** switch to the desired position.

Available Modes:

- **Momentary:** The switch operates as a momentary switch. The device will stay on as long as pressure is applied.
 - **Latch:** The switch operates as an ON/OFF switch. The device goes ON with the first activation, and stays ON until the next activation, which will turn the device OFF.
 - **Timer:** The switch operates as a timed switch. Upon activation, the device will go on and stay on for a preset amount of time (1-120 seconds). You set this amount of time via the small white knob.
6. Now you are ready to go. Simply grasp and squeeze the blue vinyl grip to activate your toy/device.
 7. If you would like to use the switch as a Puff Switch there are a few more steps.
 8. Remove the blue vinyl grip by separating the clear plastic tubing where the white plastic union joins it. Keep the plastic union with the blue vinyl grip.
 9. Attach the Anticontamination filter (the small disc) to the end of the clear plastic tubing. Next, attach the small piece of wider clear plastic tubing to the other end of the filter. Finally, attach the straw to the end.
 10. Some extra tubing and another piece of "connector" tubing has been included if you want to extend the length of the clear plastic tubing.
 11. Now place the straw in your mouth, close your lips around it, and puff moderately to activate your toy/device.

Troubleshooting:

Problem: The unit fails to operate, or operates incorrectly.

Action #1: Make sure that all of the connections are tight (between tubes, unit box, adapter, connectors, etc.)

Action #2: Make sure that all of the connections are made in the correct order (See Operation: Step #8).

Action #3: Temporarily disconnect the clear tubing at the white connector to equalize the air pressure in the clear tubing, and then reconnect.

Action #4: With time and use, the straw and/or the Anticontamination filter will become clogged. It is best to change these components before they become 100% clogged, as this could damage the unit. See the back page of this manual for replacement part numbers. If possible, it is also a good idea to keep the switch box above the level of the user's mouth. This limits the amount of saliva that enters the tubes.

Action #5: Try a different switch with your toy/device to rule out the toy/device as the source of the problem.

Important Note:

This switch is extremely sensitive and may remain in the "ON" position when the atmospheric pressure changes. If this occurs, reset the switch by separating the clear tubing where it is joined together by the white plastic connector, and then reconnect.

Care of Unit:

The Grip & Puff Switch/Latch/Timer can be wiped clean with any household multi-purpose, non-abrasive cleaner and disinfectant.

Change your filter and straw regularly.

Do not submerge the unit, as it will damage the electrical components.

Do not use abrasive cleaners, as they will scratch the surface of the unit.