Etomer Control User Manual

Pro-X Magic Etomer Control

The Pro-X Magic Etomer Control functions as a remote controlled ON/OFF switch that can easily replace a manual switch on any electronic device. It comes with detachable bulldog clips to easily clip over the contact points of an existing switch. Alternately it can also easily be soldered-on for permanent functionality. It allows you to switch between different props for different shows. The transmitter size is slightly smaller than a matchbox and can easily be concealed in your pocket.

- **A magician's most powerful Hi-Tech secret weapon!**
- **Secretly control anything!**
- **A 9V Remote-Control-Anything!**
- **Turn any prop into a remote controlled prop with this tiny state-of-the-art remote control!**
- **Touch of a button is all you need to secretly activate any device!**
- **Make your own "Lie detector"!**
- **Modify your card fountain, flash pot, bubble machine, confetti launchers, lighting and even your coffee maker or washing machine!**
- **Magically turn ON/OFF any electrical equipment!***
- **Technology used in covert operations now available for you!**
- **Smaller than similar products in the market, yet less than 1/3 the price!**
- **Long unavailable, now finally here! Easy to hook-up**
- **Optional detachable clip means no soldering required***
- **Use it on multiple devices**
- **Runs up to 24hrs on a single 9V battery**
- **Small enough to conceal anywhere**
- **Long distance range of up to 400 feet**
- **Micro-chip technology**
- **Up to 531,441 different frequency combinations possible**

Requires basic electronic knowledge, to be able to identify point of ON/OFF connection of your desired devices.

Specifications

Transmitter	**Dimensions:**	2.25" x 1.0" x 0.5"
	Range:	Transmits up to 400 feet
	Encoded Digital Frequencies:	Up to 531,441 possible address codes to reduce any possible frequency collision
Receiver	**Dimensions:**	1.75" x 1.25" x 0.75"
	Power Source:	External 9V battery
	Standby Time:	Up to 24hrs on a standard 9V battery

Disclaimer:

Pro-X Magic will not be liable for any damages caused by use of Etomer Control.

Please direct all technical enquiries to etomerhelp@proxmagic.com.

Replacement parts and optional accessories can be found on Pro-X Magic's website www.ProXmagic.com.

Caution: *It is not advisable to modify any devices that operates on a wall plug (AC-powered) unless you are a trained electrician or have sufficient electrical knowledge. AC-power shock hazard could be fatal. If in doubt, always consult a professional. Etomer Control will take a maximum load of 3amp 220V.*

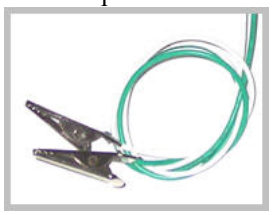
Etomer Control Unit

Thank you for purchasing Pro-X Magic's Etomer Control. You will soon find that it is a wise investment with hundreds of uses.
The Etomer Control is available in four frequencies – A, B, C and D. A sticker on the device indicates its frequency.
You can only purchase other customized frequencies from Pro-X Magic's website – www.ProXmagic.com where up to 531,441 different frequencies are available.

Attachments

The Etomer Control comes with two different wire attachments. Both attachments have two sets of wires where one wire leads to a 9V battery power source, while the other wire is described below.

The Clip Attachment



Has two mini bulldog clips- that either:

- connect to the contact points on the device to control the actual ON/OFF switching, OR
- connect to the power wire to interrupt its power source.

The Disc Attachment:

Has a small metal disc that is inserted at either end of the battery to disconnect the battery's connections.

To connect either attachment properly:

1. The power supply wire (Red & Black) should be towards the inside. Do not attach the wires in reverse as it might damage the device.

Right Configuration

Wrong Configuration

Clip Attachment

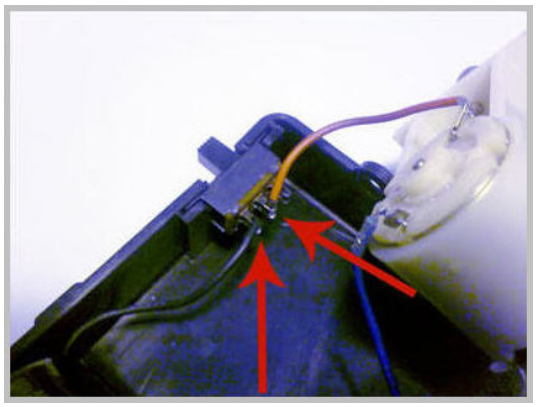
There are two methods the Clip Attachment can be used:

- Connects to the contact points on the device to control the ON/OFF switching.
- Connects to the power wire to interrupt the power source.

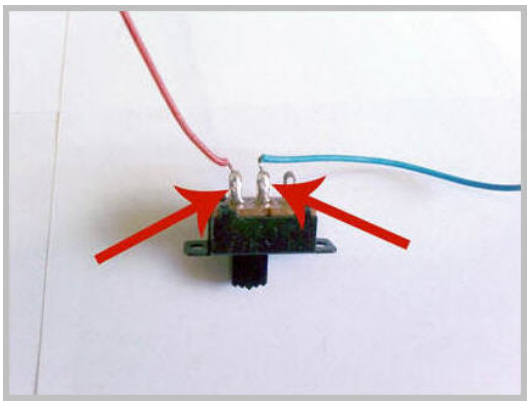
To connect the attachment to the contact points:

1. Identify the essential contact points that close the circuit on your device. For certain devices, you will need to dismantle its casing.

Definition: Contact points are where, if the contact is lost, the device will be switched OFF. Normally this point would be at the actual ON/OFF switch of the device.



Contact points on device switch

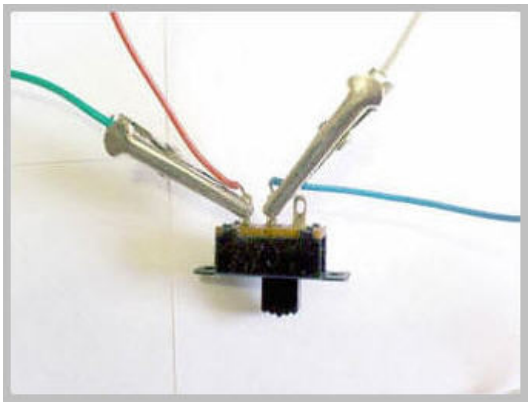


Contact points on device switch removed from casing

2. Attach the two bulldog clips of the Etomer Control onto these two points with care, making sure that the two clips do not touch each other. It might help to tape them over with electrical tape.

Note: If you choose to permanently use the Etomer Control on this device, you can cut off the clips and solder the wires on instead.

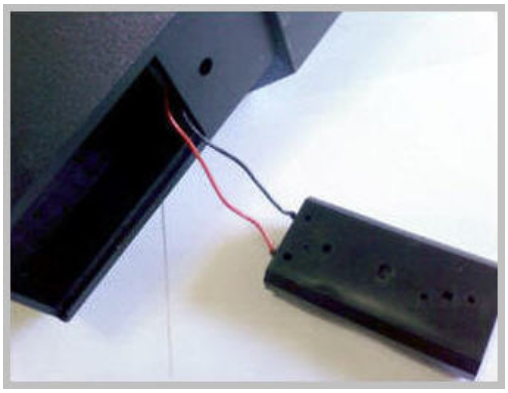
Attaching the clips to the contact device



Ensure the clips do not touch each other

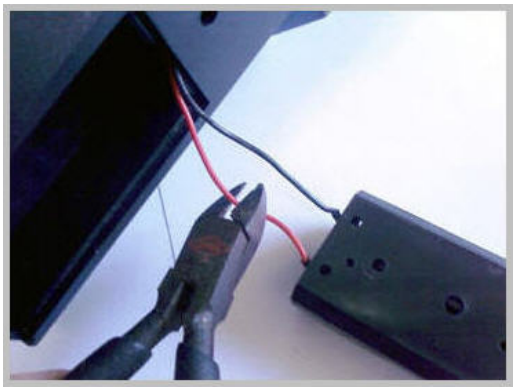
To connect the attachments to the power source:

1. Identify the point where the power is supplied to the device i.e. the wire that leads from the battery/power source to the device.



Identifying the power source and wire

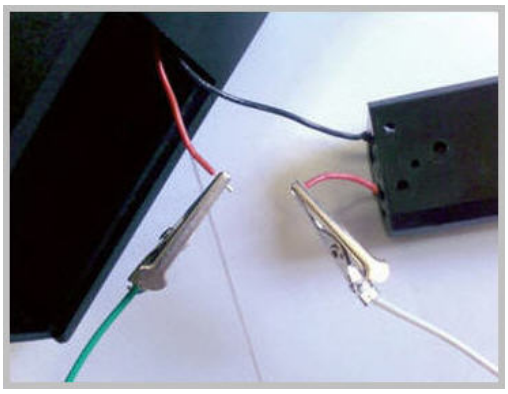
2. Make sure that the device is OFF to prevent any possible shock hazard.
3. Cut the wire and strip the tip of the ends exposing the metal contact points of the wire.



Cutting the power wire

4. Attach the two bulldog clips of the Etomer Control onto these two points with care, making sure that the two clips do not touch each other. It might help to tape them over with electrical tape.

Note: If you choose to permanently use the Etomer Control on this device, you can cut off the clips and solder the wires on instead.



Attaching the clips to the cut power wire

Disc Attachment

For devices that are powered by standard alkaline batteries the optional Disc Attachment can be used. The battery disconnection disc is a clever attachment invented by Pro-X engineers to easily disconnect such devices. The Disc Attachment supports several battery types, including:

AA	AAA	B/C	D	9V

Disc Attachment in scale to AA battery

To use the battery disconnection disc:

1. Insert the disc at either ends of a battery, breaking the contact point of the battery and the device.

AA/AAA Batteries

B/C Batteries

D Batteries

9V Batteries may need a rubber band around them to be secure

Note: For batteries in series, it is preferred to insert the disc between any two batteries contacting each other rather than at the metal point of the device. This prevents possible damages to your device.

Etomer Transmitter

The Etomer Transmitter can easily be concealed inside your pant pocket. You do not need to reach into your pocket to press the button, as it can be discretely pressed through the pant material from outside.

How It Works

By default, the Etomer Control is in the OFF mode (disconnecting the circuit from the two points).

- When the transmitter button is pressed, the Etomer Control switches your device ON.
- Upon releasing the button, the Etomer Control switches your device OFF.

This is useful for short-term activation devices such as Flash pots, card fountains, bubble machines, lie detectors, etc. For long-term activation devices, a Two-button ON/OFF function version of the Etomer Control is available, and can be purchased from Pro-X Magic's website www.ProXmagic.com.

Transmitter Battery

The Etomer Transmitter uses a 27A 12V Battery.

Tips

- Always use fresh, new alkaline batteries for every show.
- Use only high endurance batteries from brands like Energizer or Duracell.
- Remove batteries when not in use as power will be drained even if the device is not switched on remotely.
- Always test the effective range before every show as interference from other electronic devices might reduce or disable the wireless range.

To change the batteries:

1. Remove the screw at the back of the transmitter to open the casing.

2. Remove the depleted battery.
3. Insert a new battery with proper polarity.
4. Close the casing and re-screw it back on the transmitter.