

USER'S MANUAL

Bee Venom Collecting device model: BVC BeeWhisper 6.2

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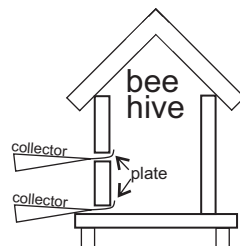
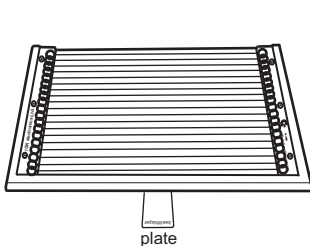
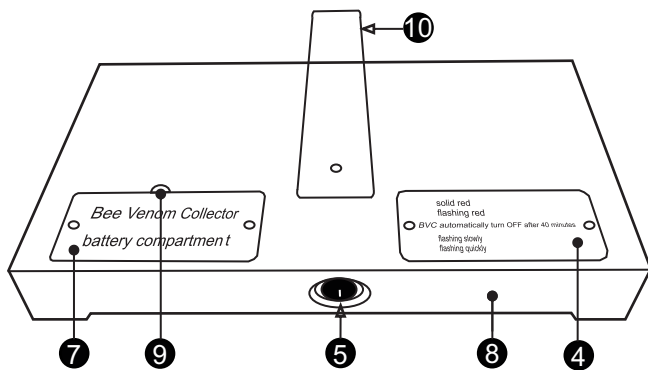
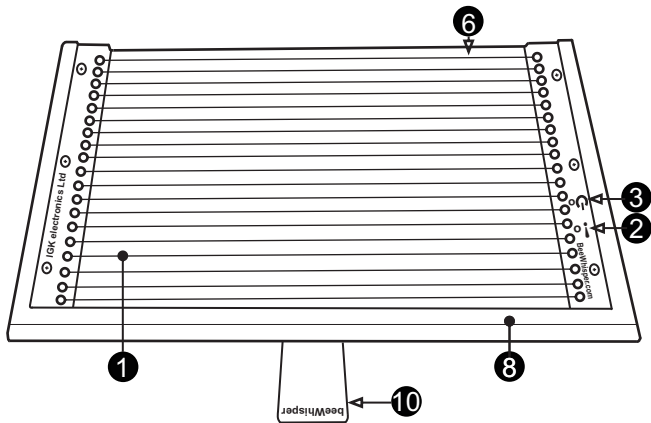


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BeeWhisper 6.2



English

1. Operative wires; 2. Red LED; 3. Green LED; 4. Electronics compartment; 5. Switch On/Off key; 6. Glass sliding space under the operative wires; 7. Battery compartment; 8. Housing; 9. Place to pull out the battery compartment cover; 10. Stainless steel plate

Getting started: Take out the unit from the transport box. Remove the glass, unpack it and put it back where it was. Insert the batteries. Place the unit at the beehive entrance. Turn on the Bee Venom Collector with the switch On/Off key (No. 5). The device starts to work and you will see the green LED, flashing slowly: three times – pause – three times. Every 60 sec. the Bee Venom Collector shall pause for about 20 seconds. After about 45 minutes, the Bee Venom Collector shall turn itself off. If the microprocessor has turned any of the automatic protections for the bees the working time of about 45 minutes shall extend with the protection time. You may switch off the device manually at any time.

Collecting the bee venom: Once switching off the Bee Venom Collector, remove the bees and pull out the glass. On its surface, you shall find adhering white crystals of bee venom. Scrape with the enclosed scraper. During the high season, from one bee hive you may collect from 0.04 To 0.09 grams scraped bee venom for 45 minutes. For larger amounts of bee venom, every 10 to 15 minutes tap lightly on the hive to get out more bees. You can also tap the Bee Venom Collector to make fly out the bees that already have placed their bee venom. It is good practice for the hive, if after 45 minutes of venom collection you let it to about one hour rest. During this time, you can use the Bee Venom Collector to another hive.

Bee venom storage: Store the bee venom scraped in dark glass bottles in the refrigerator. Bee venom with humidity less than 10% can be stored in refrigerator up to 1 year. You may keep the lyophilized bee venom in the dark up to 5 years.

LED indicators: showing the device status:

Green LED - Flashing slowly. The device has normal power supply and works properly. The operating cycle of 45 minutes is divided into 3 stages, each of about 15 minutes, for easier assessment of how much time remains for the device to switch off. *The first phase:* three flashes + pause. *The second phase:* 2 flashes + pause, and the *third phase:* 1 flash + pause. Slow flashes with reduced light intensity during 20 seconds pause every 60 seconds normal operation.

Green LED - Flashing quickly. The device has triggered one of the protections guarding the bees' health. It indicates that the bees' legs are highly humid or that there are too many bees on the device. After about 30 seconds, the Bee Venom Collector checks again and if the state has changed, continues to work. If not, it again pauses for about 30 sec.

Red LED – continuously lighten. Indicates a short circuit between adjacent operating wires. Stretch the adjacent wires with pliers and twist at both ends.

Red LED - blinking slowly 3 times: exhausted batteries. Replace the batteries. Use only high quality batteries, type AA, 1.5 V, do not use rechargeable type AA batteries, 1.2 V.

Red LED - blinking slowly 6 times: damage. The amplitude of the pulse is outside the norms.

Red LED flashes rapidly several times + one last longer flash. This is a signal that the unit will turns itself off.

Changing the batteries: Unscrew the battery compartment two fastens on the device bottom. Replace the batteries observing correct polarity. The Bee Venom Collector has protection from incorrectly inserting the batteries. Always use fresh alkaline batteries size AA (LR 6), Duracell, GP, Energizer, or the like. Do not use batteries rechargeable 1.2 V batteries. The device will not operate with them. With new alkaline batteries, the Bee Venom Collector will work up to 7 months, 5 hours every working day of the week.

Plate for device easy placement in difficult places. To insert the device in front of the hive, you can use supplied bracket. On our website video gallery, you can see how to insert the plate.

At the end of each workday: Turn off the switch 5. Clean the operating wires with a damp disposable cloth for glasses or carefully with cotton and alcohol. Do not clean wooden body with alcohol.

At the end of the season: Thoroughly clean the Bee Venom Collector. Remove batteries. Brush olive oil body on a tree.

Precautions: Take all precautions to ensure the safe handling of bees and bee venom. Wear protective suit to distance from the bee hive, where you will not reach bees. Always wear gloves, goggles, and mask covering nose and mouth. Make sure that the bee venom does not contact your eyes, nose, or mouth. Always work in pairs. Keep away from children or other people as well as animals: glass, working suit and gloves, Bee Venom Collector, and bee venom. Do not store in a refrigerator, where food is stored, the bee venom. Wash hands and gloves thoroughly after working. Keep clothes used in the process separately from other clothes.

Warranty: two years.

Delivery package includes: Apparatus for collection bee venom, glass, scraper, stainless steel plate, gloves, bee venom container.

For more information: visit our website or email us.

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