Suterra Remote Puffer & App Instructions

Version 2 ● December 29, 2014

1 – INTRODUCTION

1.1 OVERVIEW

The Suterra Remote Puffer is remotely programmed and activated with use of a bluetooth enabled smartphone. The cabinet then emits metered amounts of EPA approved pheromone spray at particular intervals – depending on product specific labeling.

2 – PREPARATION

2.1 EQUIPMENT

Required for operation:

1. Suterra Remote Puffer
2. Four new AA alkaline batteries for each puffer
    a. Duracell brand is recommended
3. One Puffer aerosol can for each device
    a. EPA registered and approved
4. Apple iPhone 5 or newer
    a. Running iOS7 or newer
    b. Bluetooth enabled

2.2 PUFFER CABINET SETUP

Puffer Cabinet

1. Open main door
2. Install the AA batteries as shown on sticker
3. Close battery door securely
4. Remove protective cap from aerosol can
5. Install can into puffer, making sure can is fully seated on metal brackets
6. Fully close main door

2.3 Apple iPhone & APP SETUP

1. Install Puffer App from App Store on Apple iPhone
    a. Note: Apple ID will be required
    b. This can be obtained from Apple
2. Make sure Bluetooth is enabled
3. Press the Suterra-iOS icon to launch the Puffer app
4. The app will open up by default to the list view

3 – INSTRUCTIONS FOR USE

3.1 - LIST VIEW – CONNECTING TO A PUFFER

1. In list view with Bluetooth enabled, all puffers in range will show up
2. They are identified by their physical MAC address
3. These signals are sorted by signal strength, so the units at the top are the closest to the phone
4. To interact with a puffer, a connection must be established
5. To connect to a puffer, simply press anywhere on the row for that puffer
    a. After selecting a puffer from list view, a connection will be established
    b. The app will say 'connected'
    c. The puffer unit itself will also flash a blue light to show which unit is connected

3.2 - DETAILS VIEW – INTERACTING WITH A PUFFER

In details view, each different section displays valuable information about the current status of the puffer and allows control over certain functions.

PUFFER DETAILS
This section shows the MAC address, signal strength, connection status, FW version, and saved location
Press the 'Update Location' button to mark the Puffer with the current GPS coordinates for mapping

PUFFER STATUS
This section shows details about the current health status of the puffer, including the mode, battery voltage, puff count, and ambient temperature

PUFFER CONTROL
The 'Puff' button is used to initiate a remote test puff

CURRENT CONFIGURATION
This section shows the current program running on the puffer such as the start date and time with puffing details. Use the 'Change Program' button to alter the current program

3 – INSTRUCTIONS FOR USE, cont.

3.3 - CHANGING PROGRAMS

1. From the 'Puffer Details' screen, press 'Change Program' (see 3.2)
2. Select the Program to run
3. Review the program settings
4. Press 'Next' then 'Update Program'
5. The App indicates a success and the Puffer will now follow the new program

4 – APPENDIX

4.1 FCC Compliance Statements

Compliance Statement (Part 15.19)

This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Warning (Part 15.21)

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

To comply with FCC RF exposure limits for general population / uncontrolled exposure, the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.