Excellence in Compliance Testing

# Certification Exhibit

**FCC ID: X32-MECJ**
**IC: 8797A-MECJ**

**FCC Rule Part: 15.231**
**IC Radio Standards Specification: RSS-210**

**ACS Project Number: 14-0044**

Manufacturer: iKeyless, LLC
Model: 300-0247

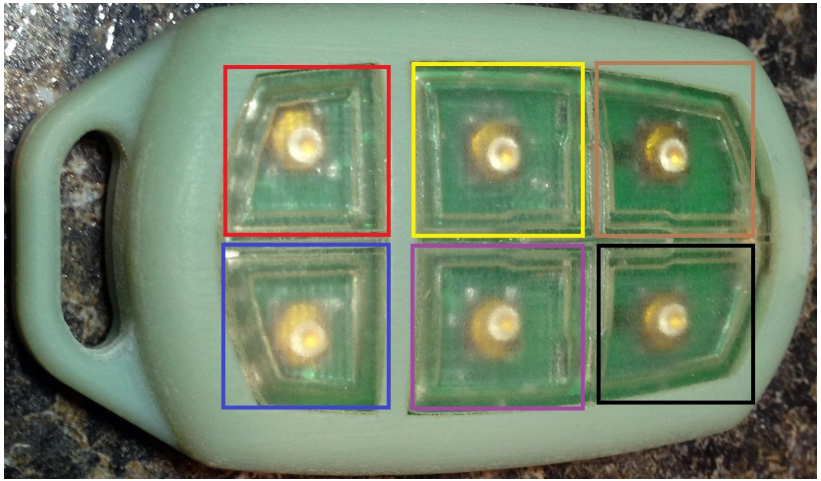
# Manual

# 300-0247

Draft Programming & Care Manual
2/7/2013

# Contents

# Remote Layout



Six Standard Buttons:

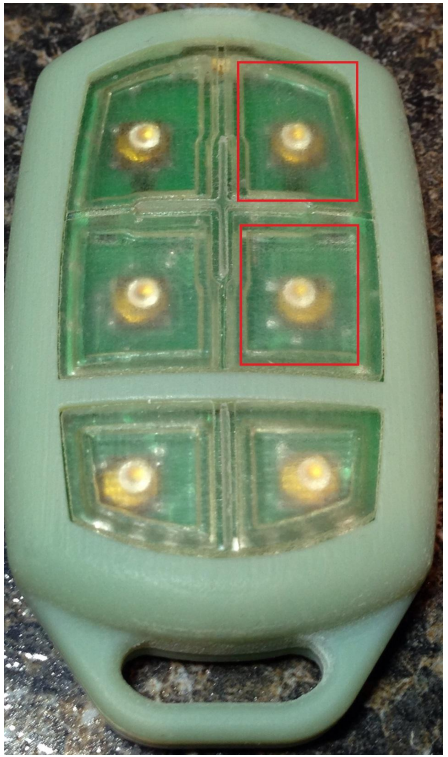
1. Extra function I (Red Square)
2. Extra function II (Blue Square)
3. Trunk (Yellow Square)
4. Alarm (Purple Square)
5. Lock (Brown Square)
6. Unlock (Black Square)

**Note:** Remote functionality is based on remote configuration and supported vehicle features. Please consult your vehicle's owners manual for supported features.

# URCR Programming Summary

1. Press *Unlock* + *Alarm* at the same time, LED will turn on
2. Enter password by pressing four buttons in order one after the other: *Alarm, Unlock, Lock, Trunk*
3. Enter the number that corresponds to the key you want to program, using *Unlock* to increment the “1”s place and *Alarm* to increment the “10”s place
4. Exit programming mode by pressing the *Extra Function I* button
5. The code you programmed will be flashed on the LED, first with a sequence of long pulses indicating the value of the “10”s place followed by pause, then a sequence of short pulses indicating the value of the “1”s place

# Step 1: Enter Programming Mode



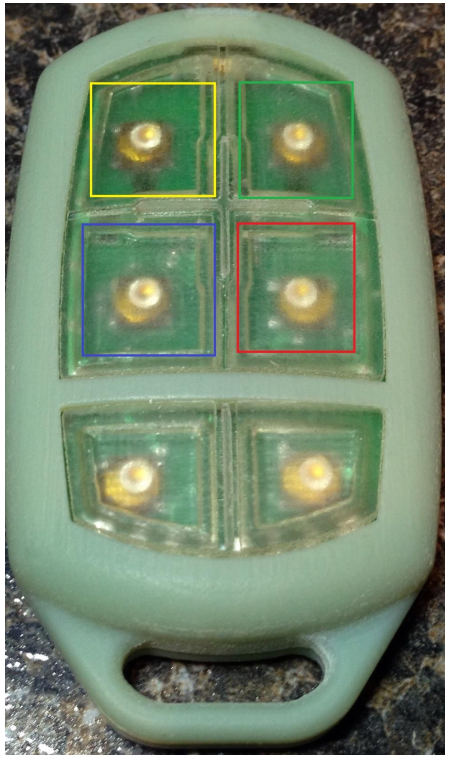
-Press the *Unlock* + *Alarm* buttons

-LED will turn **ON** and stay on when you release the buttons indicating that the key is in program mode

-If the LED is **ON** go to **Step 2**

-If the LED turns **OFF**, repeat **Step 1**

# Step 2: Enter Password



-Enter the password by pressing and releasing four buttons in the following order:

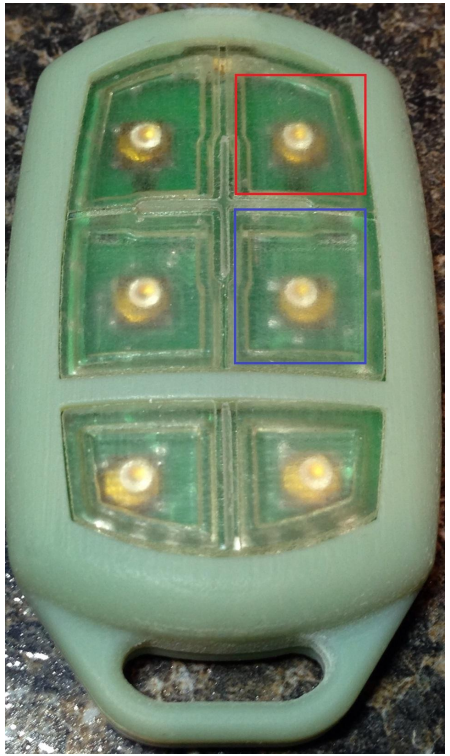
1. *Alarm* (red square)
2. *Unlock* (green square)
3. *Lock* (yellow square)
4. *Trunk* (blue square)

-If you enter the correct password, the LED will remain **ON**, go to **Step 3**

-If you press the wrong button, the LED will blink 3 times and then turn **OFF**, go back to **Step 1**

-If too much time passes between button presses the remote will timeout and flash the LED 3 times and then turn **OFF** to indicate an error and exit programming mode, go to **Step 1**

# Step 3: Enter Remote Code



-Press *Unlock* (red square) to increment the “1”s place

-Press *Alarm* (blue square) to increment the “10”s place

-When you have entered the desired number, go to **Step 4**

Warnings:

-Zero is not a valid programming code, if you do increment the “1”s place or “10”s place before exiting programming mode, it will trigger an error and the LED will flash 3 times then turn **OFF**, go to **Step 1**

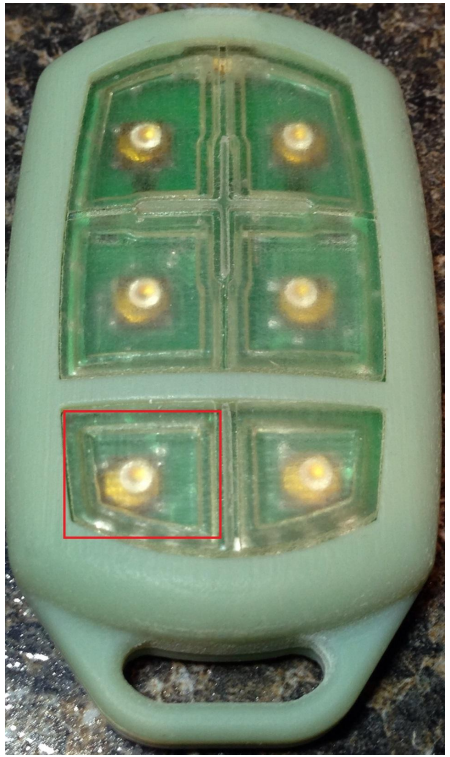
-Pressing *Unlock* (Increment “1”s place) more than 9 times will trigger an error and the LED will flash 3 times then turn **OFF**, go to **Step 1**

-If too much time passes between button presses the remote will timeout and flash the LED 3 times then turn **OFF**, go to **Step 1**

-Example 1:To enter the remote code “28” press *Alarm* twice to increment the “10” s place twice (10 * 2 = 20) and press *Unlock* eight times to increment the “1”s place

-Example 2:To enter the remote code “51” press *Alarm* five times to increment the “10”s place and press *Unlock* one time to increment the “1”s place

# Step 4: Exit Programming Mode



-After you have entered the desired remote code, press *Extra Function I* (red square) to exit programming mode

-If you entered a valid code, the LED will flash a sequence of pulses to confirm your choice

-The LED will first flash a series of long pulses to show the “10”s place, then turn off and pause, then flash a series of short pulses to show the “1”s place and then turn off

-**Programming is now complete**

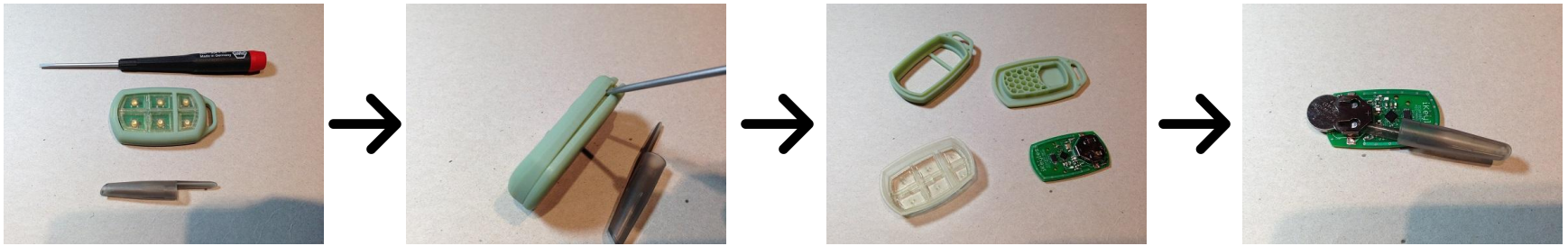
-If an error occurred the LED will flash 3 times and then turn off, this means the remote was not successfully programmed

Example:

Three long pulses followed by four short pulses means that the remote is programmed to the SKU corresponding to 34.

# Changing the CR1632 Battery

1. You Will Need:
   a. A Small Flat head Screw driver
   b. A small piece of wood or plastic such as a pen-cap.
2. Insert the screwdriver into the notch on the left side of the remote. Gently twist till the top and bottom shell of the remote pop apart slightly. If the shell does not pop apart, you may need a larger screwdriver.
3. Separate the back and front shell. Remove the rubber insert and the remote circuit board. Do not set the circuit board down on any metal surface!
4. Using the wood or plastic tool, carefully push the battery out the bottom of the holder. Insert a new CR1632 battery with any text facing up. Safely dispose of the old battery.
5. Reassemble the remote and use as normal.



# FCC Regulatory Statement

Model: 300-0247

FCC ID: X32-MECJ

“NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Warning:** Changes or modifications to this device not expressly approved by (iKeyless LLC) could void the user’s authority to operate the equipment.

# IC Regulatory Statement

Model: 300-0247

IC: 8797A-MEJC

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.