

**DEK Canada Inc. Firefly3™ Type: FIR311DEK31K
FCC ID: SU7311DEK31K**

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 interference received, including interference that may cause undesired operation.

NOTICE

Any changes or modifications to DEK Canada Inc. equipment not expressly approved by DEK Canada Inc. could void the manufacturer's warranty and could void the user's authority to operate the equipment.

WARRANTY

The warranty period of DEK Canada Inc. Firefly3™ transmitters is twenty-four (24) months. This warranty shall begin on the date the transmitter is manufactured. During the warranty period, the product will be repaired or replaced (at the sole discretion of DEK Canada Inc.) if the product does not operate correctly due to a defective component. This warranty does not extend to (a) the transmitter case, which can be damaged by conditions outside the control of DEK Canada Inc., or (b) battery life of the transmitter. This warranty is further limited by the following disclaimer of warranty and liability:

EXCEPT AS SET FORTH ABOVE, DEK CANADA INC. MAKES NO WARRANTIES REGARDING THE GOODS, EXPRESS OR IMPLIED, INCLUDING WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. BUYER MAKES NO RELIANCE ON ANY REPRESENTATION OF DEK CANADA INC EXPRESS OR IMPLIED, WITH REGARD TO THE GOODS AND ACCEPTS THEM "AS-IS/WHERE-IS". DEK CANADA INC SELLS THE GOODS TO BUYER ON CONDITION THAT DEK CANADA INC WILL HAVE NO LIABILITY OF ANY KIND AS A RESULT OF THE SALE. BUYER AGREES THAT DEK CANADA INC SHALL HAVE NO LIABILITY FOR DAMAGES OF ANY KIND, WHETHER DIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING INJURIES TO PERSONS OR PROPERTY, TO BUYER, ITS EMPLOYEES OR AGENTS, AS A RESULT OF THE SALE. BUYER ALSO AGREES TO HOLD DEK CANADA INC HARMLESS FROM ANY CLAIMS BUYER, OR ANY THIRD PARTY, MAY HAVE AS A RESULT OF BUYER'S USE OR DISPOSAL OF THE GOODS. BUYER HAS READ THIS DISCLAIMER AND AGREES WITH ITS TERMS IN CONSIDERATION OF RECEIVING THE GOODS.



1908 St-Regis Blvd.
Dorval, Quebec, Canada
H9P 1 H6
www.dekcanada.com



Thank you for choosing a DEK Canada Inc. product.
Please read this manual carefully before using the product.

Made in Taiwan. Copyright © 2016 DEK Canada Inc.

CONTENTS

1 - TRANSMITTER OVERVIEW

- 1A - General information
- 1B - Technical specifications
- 1C - Main components

2 - NUMBERING

3 - PROGRAMMING

4 - OPERATION

5 - BATTERY ACCESS

6 - TROUBLESHOOTING

1A - General information

The DEK Canada Inc. - Firefly™ Transmitter is a very small (1-1/2" x 2-1/8" x 3/8") key chain style wireless transmitter operating at 311 MHz. The Firefly™ achieves its small size by using state-of-the-art, surface mount components. It has been designed for use with dip switch receivers operating at 311 frequency.

2 - CODING

Set the nine-digit toggle code switch to match the code set in the receiver. Access to the Firefly™'s toggle code switch is achieved by removal of the back cover and battery (if necessary). Move switches using a small pointed object, such as a paper clip, gently switching the small switches to either the +, -, or neutral position. (In Detail below, switches 1 and 3 are in the + position, switches 2, 4, 7 and 9 are in the - position, and switches 5, 6 and 8 are in the neutral position.) When complete, reinstall battery and replace back cover inserting bottom clip into front groove, then replace and tighten screw.

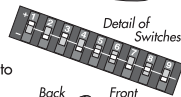


3- OPERATION

Once the codes are set to match the receiver codes, you may test the system. Ensure the gate or door is visible and clear before testing.

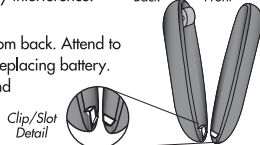
Step 1. Push the Firefly™'s button from a distance of about ten feet. If the receiver activates, the switches are properly matched.

Step 2. Test the transmitter from several locations to discover any "blind spots" caused by interference.



4 - BATTERY ACCESS

Remove set screw and open case from back. Attend to proper polarity when installing or replacing battery. See "coding" for proper removal and replacement of back cover.



5 - TROUBLESHOOTING

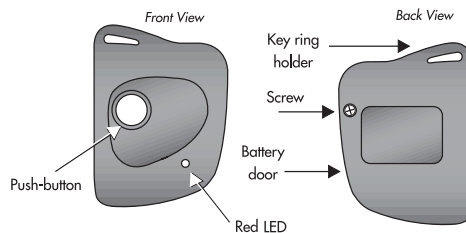
PROBLEM	SOLUTION
The system does not receive the transmitter signal. The transmitter LED will not light.	Ensure clear plastic battery insulator has been removed; OR Replace the transmitter battery.
The system does not receive the transmitter signal. The transmitter LED is ON.	Check to ensure the transmitter switches are coded to match your system receiver.
The operating range is reduced.	Replace the transmitter battery.

The A23 battery has a shelf life of about 1 year. The product fully complies with Part 15 of the FCC Regulations.

1B - Technical Specifications

Operating frequency :	311 MHz
Number of buttons :	1
Battery :	1 ea. 12V A23
Operating temperature :	-20°F - 85°F
Overall dimensions :	1-1/2 x 2-1/8 x 3/8 inch
Weight:	1 oz.

1C - Main components



Black Case with Black Button