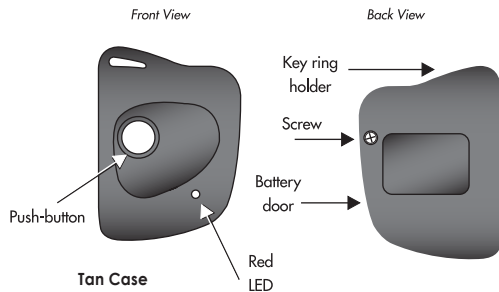


The A23 battery has a shelf life of about 1 year. The product fully complies with Part 15 of the FCC Regulations.

1B - Technical Specifications

Operating frequency	315 MHz
Number of buttons	1
Battery:	1 ea. 12V A23
Operating temperature:	-20°F – 100°F
Overall dimensions:	1/2" x 1-7/8" x 1-1/2"
Weight:	1 oz.

1C - Main components



Manual - 315 1 Button

Transmitter
Solutions

Firefly™

TRANSMITTER



*Thank you for choosing a Transmitter Solutions product.
Please read this manual carefully before using the product.*

Made in China. Copyright © 2010 by Transmitter Solutions.

CONTENTS

1 - TRANSMITTER OVERVIEW

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

2 - CODING

3 - OPERATION

4 - BATTERY ACCESS

5 - TROUBLESHOOTING

1A - General information

The Transmitter Solutions - Firefly™ Transmitter is a very small (1/2" x 1-7/8" x 1-1/2") key chain style wireless transmitter operating at **315** MHz. The Firefly™ achieves its small size by using state-of-the-art, surface mount components. It has been designed for use with and is compatible with all dip switch receivers operating at a **315** frequency, including all LiftMaster® 9-dip switch digital receivers.

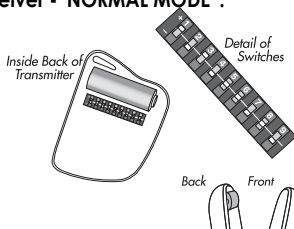
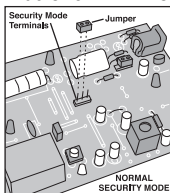
LiftMaster is a trademark of Chamberlain Corporation.

2 - PROGRAMMING

Open the front panel of the receiver case with a coin or screwdriver. Set jumper to "**NORMAL MODE**" (see below) on the receiver board. When ready to program the transmitter, press and release the "Learn Button" on the receiver which lights the learn indicator light for 30 seconds. Immediately press and hold the button on the Stinger 315 hand held remote that you wish to operate the receiver. The receiver will now operate with the Stinger remote.

3- SETTING RECEIVER JUMPER TO NORMAL MODE

When setting the receiver jumper, follow the diagram below to activate **LiftMaster 312 HM Receiver - "NORMAL MODE"**:



4 - BATTERY ACCESS

Slide front cover down to reach battery compartment. Attend to proper polarity when installing or replacing battery.

5 - TROUBLESHOOTING

PROBLEM	SOLUTION
The system does not receive the transmitter signal. The transmitter LED will not light.	<ul style="list-style-type: none">• 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.

Transmitter Solutions Firefly™-Type: TRAFIR315LMD21K FCC ID : SU7315LMD21K

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 Transmitter Solutions equipment not expressly approved by Transmitter Solutions could void the manufacturer's warranty and could void the user's authority to operate the equipment.

WARRANTY

The warranty period of Transmitter Solutions Firefly™ transmitters is 24 months, beginning from the manufacturing date of the transmitter. During this period, if the product does not operate correctly, due to a defective component, the product will be repaired or replaced at the sole discretion of Transmitter Solutions. The warranty does not extend to the transmitter case which can be damaged by conditions outside the control of Transmitter Solutions, or to battery life.



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