



# TriTeq Lock and Security

## Lock Reader Guide

The lock reader is a portable tool operated in the same fashion as a TriTeq key fob. It will not open vendors but, it will provide helpful information when identifying locks & keys programmed to the locks. It also helps when diagnosing problems should they occur. The button beneath the display toggles between views of Bottler codes, key numbers, lock serial numbers and lock diagnostics. It uses a nine volt battery and can be purchased from TriTeq sales.



### Lock Reader Example

This example is taken from a test done at TriTeq. The keys programmed into the test lock are **ABA5001** and **ABA0008** with the lock serial number **1179981**. The lock was open when the readings were taken.

The reader collects and displays 7 bits of data. To begin reading the data point the reader at the lock like you would a Key Fob. Press the button once and data should appear in the display window. Once the initial reading is made, and the data displayed, the reader no longer has to be pointed at the lock. While the data is still in the display window press the button to cycle to the next data bit. When the last data bit is reached the cycle returns to the first data bit and the process repeats. This will continue until the button is not pushed and the display times out.

*The first two times you push the button the display shows data about the programmed Route Key.*

#### Button Press 1

The XXX indicates the Bottler City code for the Route Key. This is representative data from the first button press and displays a city code of **AB** for a programmed Route Key.

**0A. b**

#### Button Press 2

The X1234 is the next five digits of the Route Key. This Represents the Key's number **A5001**

**A.5001**



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The next two times the button is pressed the display shows data regarding a Zone Key.

### Button Press 3

The XXX indicates the Bottler City code for a Zone Key.

**0A. b**

### Button Press 4

The X1234 is the next five digits of the Zone Key.

**A.0008**

### Button Press 5

This shows the last four digits of the Vendor Lock Box serial number. The first four digits are **0117**

**011.7 H**

### Button Press 6

This shows the last four digits of the Vendor Lock Box serial number. The last four digits are **9981**

**998.1L**

### Button Press 7

This is the diagnostic display for switches inside of the lock. The characters to the left of the period relay switch status at the current read time. The characters to the right of the period display the lock status (**U = unlocked; L = locked**)

**0CC.U**

### Common results for version 1.15 Lock Readers

Door Status	Lock Condition	Lock Reader Datum 7 Results
Door opened, locked	Receptacle switch problem	CCC.U
Door opened, unlocked	Lock OK	OCC.U
Door closed, locked	Lock OK	CCO.L
Door closed, unlocked	Receptacle switch problem	OCC.U
Door open/closed	Lock bad or no power to lock	----



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When a lock is new or refurbished, the following may occur:

The factory code programmed into the lock should be P1 and it will appear in both the Bottler City code and the key number for the Routes portion of the Lock Reader.

P.1

No Zone keys should appear in the lock. An empty register is reported as "none" in both the Bottler City code and key number for the Zone portion of the lock reader.

none

This is a representation of the alphabet used by the Lock Reader:

A	B	C	D	E	F	G	H	I	J	K	L	M
A	b	C	d	E	F	9	h	I	J	t	L	nn
N	O	P	Q	R	S	T	U	V	W	X		
n	o	P	Q-	r	S	T	U	u	uu	cc		
Y	Z	1	2	3	4	5	6	7	8	9	0	
Y	2	1	2	3	4	5	6	7	8	9	0	