System Specifications

14404001 LatchMatic Receiver	
Range	50 Feet - Closed Compartment 300 Feet - Line of Sight
Output	2 Transistor, 0.2A
Output	2 Relay, Positive, 5A
Input Signal	Status LED 2 (+12v) A1 & A2 2 (-12v) J2-1 & J2-2
Frequency	433MHz RF 125KHz RFID
Codes	Rolling Codes Secure Encryption
Operating	12VDC
Current	5 Amps Max per Output, (Relay, POS) 0.2A Max per Output, (Transistor, GND) 5 Amp Input - Power 5mA Standby (sleep)
Antenna	Fixed - Standard, 1/4 Wave, 50 ohm

14404420 LF Antenna (SmartShield)	
Range	3 - 12 Feet
Frequency	125KHz

14404005 Base Station (SmartShield)	
Range	3 - 12 Feet
Frequency	125KHz
Operating	12VDC
Data Bus	LIN
Current	0 Fobs 11mA 1 Fob 28mA 2 Fobs 43mA 3 Fobs 57mA
Codes	Rolling Codes Secure Encryption

Battery - All Transmitter/Transponder Styles	
Battery	Coin Style, Lithium, CR2032 100,000 1-second pulses 10 year shelf life 2 year operational life

14404415 TK4 Transmitter	
Range	300 Feet - RF
Frequency	433MHz RF
Codes	Rolling Codes Secure Encryption

14404413 TP3 Transponder	
Range	300 Feet - RF 3-12 Feet - RFID
Frequency	433MHz RF 125KHz RFID
Codes	Rolling Codes Secure Encryption

Technical Support
800-458-2226

LatchMatic©-SmartShield

14404005

Base Station
3.0” x 5.0” x 2.0”

14404420

LF Antenna
3.00” x 0.50”

14404413

TP3 Transponder
2.50” x 1.75”

LatchMatic©

14404001

Receiver
3” x 5” x 1.0”

14404415

TK4 Transmitters
2.50” x 1.75”

Replacement Components for LatchMatic & LatchMatic SmartShield

14404031 Actuator - 45 Newton

14404401 Siren - 6 Tone

14404421 Status LED

14404411 Switch, Push Button Door Jamb

Cargo Light Switch - Any ON/OFF SPST Standard Switch

Brain Box Wire Harness
14404021 - Latchmatic
14404006 - Latchmatic SmartShield

14404011 Standard Truck Body Wire Harness
Roadside - R/S
Curbside - C/S

14404131 Extension Wire Harness - 50” R/S & 110’ C/S

14404132 Extension Wire Harness - 50” R/S & 50” C/S

14404419 Antenna Cable - R/S & C/S

Limited One (1) Year Warranty

Section One

Seller will warrant any product originally manufactured or assembled and sold by seller for a period of up to TWO YEARS (24 months) from the original date of manufacture or ONE YEAR (12 months) from the original retail sale or O.E.M. in-service date.

Section Two

The following are in lieu of all warranties; expressed; implied; or statutory, including but not limited to, any implied warranty of merchantability of fitness for a particular purpose and of any other warranty obligation on the part of seller. Seller, except as otherwise hereinafter provided, warrants the goods against faulty workmanship or defective materials for a period of up to TWO YEARS (24 months) from the original date of manufacture or ONE YEAR (12 months) from the original retail or O.E.M. in-service date.

Seller's sole and exclusive liability shall be (at seller's option) to repair; replace; or credit buyer for such goods which are returned by buyer during the applicable warranty period set forth above, provided that (I) seller is promptly notified in writing or by phone upon discovery by buyer that such goods failed to conform and an explanation of any alleged deficiencies, (II) such goods are returned to seller, (III) sellers examination of such goods shall disclose that such alleged deficiencies actually exist and were not caused by accident, misuse, neglect, alteration, improper installation, unauthorized repair or improper testing. If seller elects to repair or replace such goods, seller shall have a reasonable time to make such repairs or replace such goods.

Seller's warranties as herein above set forth shall not be enlarged, diminished, or affected by, and no obligation or liability shall arise or grow out of, sellers rendering of technical advice or service.

Damage to products caused by the customer or during installation cannot be claimed under this warranty. All devices returned that are not covered under the seller's warranty policy, will be charged a minimum of $25.00 for evaluation plus additional charges for components and labor to repair the device not to exceed the original selling price. Seller considers the following to be typical examples of customer or installation damage: burned or broken traces on the printed circuit board, burned or damaged components, dirt or water residue on the printed circuit board or inside the case, modifications by the customer, broken cases or housings and dead batteries

Section Three

A return material authorization number (RMA) must be issued by seller before any product is returned for evaluation or repair. Warranty repairs must be completed at authorized repair facilities.

© 2009 TouchTronics, Inc. All Rights Reserved. TouchTronics, the TouchTronics logo, and other TouchTronics marks are owned by TouchTronics and may be registered. TouchTronics assumes no responsibility for any errors that may appear in this manual. Information contained herein is subject to change without notice.

FCC Compliance and Advisory Statement. This hardware 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. 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 or 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: 1) reorient or relocate the receiving antenna; 2) increase the separation between the equipment and the receiver 3) connect the equipment to an outlet on a circuit different from that to which the receiver is connected; 4) consult the dealer or an experienced radio/TV technician for help. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Where shielded interface cables have been provided with the product or specified additional components or accessories elsewhere defined to be used with the installation of the product, they must be used in order to ensure compliance with FCC regulations.

Canadian DOC Statement. This digital device does not exceed the Class B limits for radio noise emissions from digital apparatus specified in the interference-causing equipment standard entitled "Digital Apparatus," ICES-003 of the Department of Communications.

This device complies with RSS-210 of Industry Canada. 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.

© 2009 TouchTronics, Inc. Tous droits réservés. TouchTronics, le logo TouchTronics et les autres marques TouchTronics sont la propriété exclusive de TouchTronics et sont susceptibles d'être des marques déposées. Toutes les autres marques sont la propriété exclusive de leurs détenteurs respectifs. TouchTronics décline toute responsabilité en cas d'erreurs dans ce manuel. Les informations énoncées dans le présent document peuvent faire l'objet de modifications sans avis préalable.

Déclaration FCC. Cet équipement a été testé et déclaré conforme à la section 15 du règlement de la FCC. Son fonctionnement est soumis aux conditions suivantes: 1) l'équipement concerné ne doit pas causer d'interférences dangereuses, et 2) il doit accepter toute interférence reçue, y compris les interférences risquant d'engendrer un fonctionnement indésirable. Cet équipement a été testé et déclaré conforme aux limitations prévues dans le cadre de la catégorie B des appareils numériques défini par la section 15 du règlement de la FCC. Ces limitations sont stipulées aux fins de garantir une protection raisonnable contre les interférences gênantes en installation résidentielle. Cet équipement génère, utilise et diffuse des ondes radio, et s'il n'est pas installé ni utilisé en conformité avec les instructions dont il fait l'objet, peut causer des interférences gênantes avec les communications radio. Cependant, nous ne pouvons vous garantir qu'une interférence ne se produira pas dans une installation particulière. Si cet équipement produit des interférences graves lors de réceptions radio ou télévisées qui peuvent être détectées en allumant et en éteignant l'équipement, vous êtes invités à les supprimer de plusieurs manières: 1) Réorienter ou déplacer l'antenne de réception; 2) Augmenter la distance séparant l'équipement et le récepteur 3) Connecter l'équipement à un circuit différent de celui auquel le récepteur est connecté; 4) Contacter votre revendeur ou un technicien radio/TV qualifié. Toutes modifications ou tous changements effectués sans l'accord exprès de la partie responsable de la conformité aux normes pourraient contraindre l'utilisateur à ne plus utiliser son équipement. Afin d'assurer la conformité avec les règlements FCC, les câbles d'interface blindés fournis avec le produit doivent être utilisés, ainsi que tout autres composants ou accessoires également spécifiés, lors de l'installation du produit.

Déclaration du Ministère des Communications Canadien. Cet appareil numérique est conforme aux limitations concernant l'émission d'interférences radio par des appareils numériques de catégorie B, telles que stipulées dans le cadre de la norme Appareils numériques ICES-003 édictée par le Ministère canadien de l'industrie.

Cet équipement a été déclaré conforme à la norme RSS-210 édictée par le Ministère canadien de l'industrie. Son fonctionnement est soumis aux conditions suivantes: 1) l'équipement concerné ne doit pas causer d'interférences, et 2) il doit accepter toute interférence reçue, y compris les interférences risquant d'engendrer un fonctionnement indésirable.