

**ATTACHMENT E.****- USER MANUAL -**

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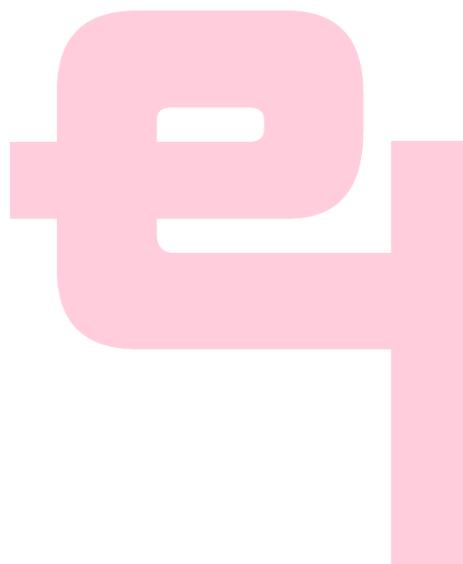
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Ecuador Traffic Card System

# Manual for User of Manned Charger(ECR-300)

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System Name: Manned Charge System

Stage Name: ECUADOR AFC

Version: Ver. 1.0



## Revision History

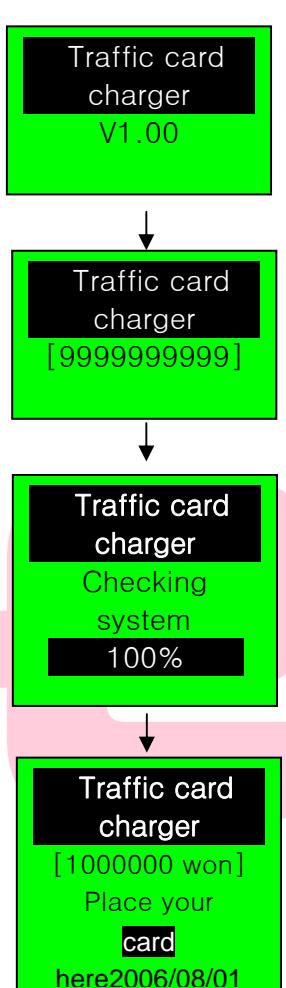
<sup>1</sup> Change Reason: Enter change contents choosing if change contents are addition/correction/deletion/review/approval for previous document.

<sup>2</sup> Change Contents : Write the location where changes occur and the change contents in detail(Describe the chapter, section, change contents)

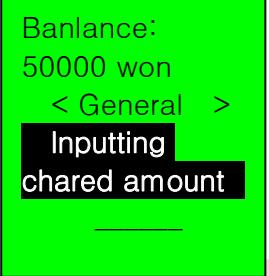
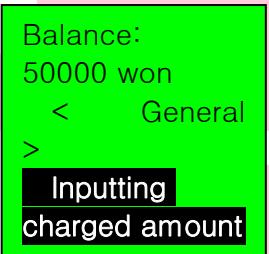
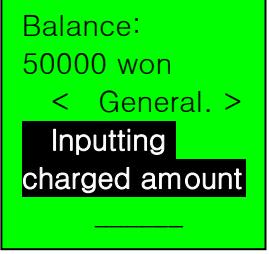
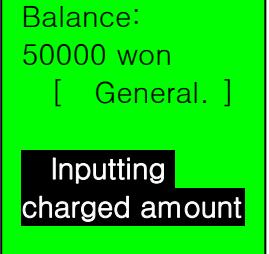
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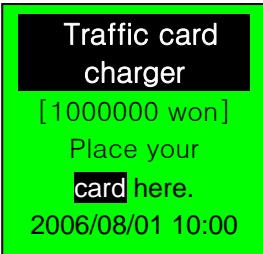
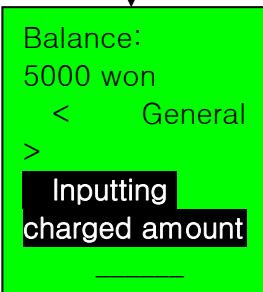
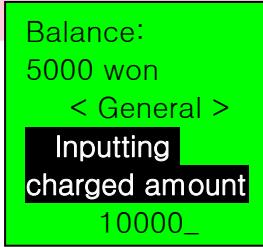
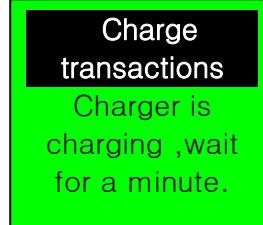
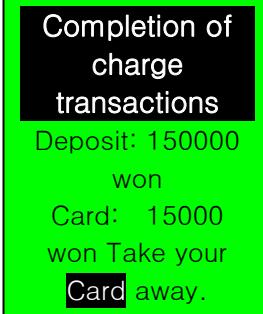
## 1. Initial screen

Screen	Handled contents																		
	<ul style="list-style-type: none"> <li>☞ <b>Checking items in power on</b> <ul style="list-style-type: none"> <li>- Check if memory (flash) is normal.</li> <li>- Check if RTC is normal.</li> <li>- Check if RF Module (RC531) is normal.</li> <li>- Check whether SAM is normal or not.</li> <li>- Check whether printer (paper status) is normal.</li> <li>- Check if modem is normal.</li> </ul> </li> <li>- The version and number of charger in the second row of screen is displayed on initial screen.</li> <li>- Data necessary for operating charger from memory is loaded on initial screen.</li> <li>- Check if the transmission conditions of transactions details specified in the operation information of charger(number of cases, amount of money)</li> <li>- Check if there is the operation information programs which should be downloaded from charger host.</li> <li>- Check if the lowest balance of electric wallet specified in the operation information is satisfied.</li> <li>- Check if traffic card to handle is inserted.</li> <li>- Current date and time is displayed on initial screen.</li> <li>- The balance of a deposit is displayed on the second row of initial screen.</li> </ul> <p><b>☞ Push number key 1 in order to change the screen displaying date and time.</b></p>																		
 <p>&lt;When using power password&gt;</p>	<ul style="list-style-type: none"> <li>☞ The functions of inputted keys are called.</li> </ul> <table> <tbody> <tr> <td>Charging a deposit</td> <td>Charging SAM</td> </tr> <tr> <td>Transmission</td> <td>Transmitting transactions details</td> </tr> <tr> <td>Specific function</td> <td>Installing and setting up</td> </tr> <tr> <td>Print</td> <td>Reprinting out a receipt</td> </tr> <tr> <td>Total</td> <td>Totaling sales</td> </tr> <tr> <td>Inquiry</td> <td>Inquiring the information of card</td> </tr> <tr> <td>Verification</td> <td>Inquiring the information of SAM</td> </tr> <tr> <td>Cancel</td> <td>Canceling just prior transactions</td> </tr> <tr> <td>0</td> <td>Displaying the version of S/W and the number of charger</td> </tr> </tbody> </table>	Charging a deposit	Charging SAM	Transmission	Transmitting transactions details	Specific function	Installing and setting up	Print	Reprinting out a receipt	Total	Totaling sales	Inquiry	Inquiring the information of card	Verification	Inquiring the information of SAM	Cancel	Canceling just prior transactions	0	Displaying the version of S/W and the number of charger
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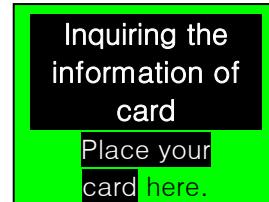
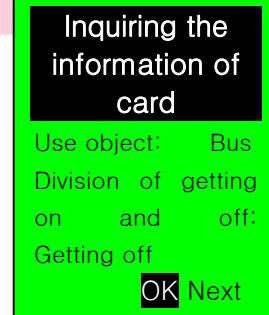
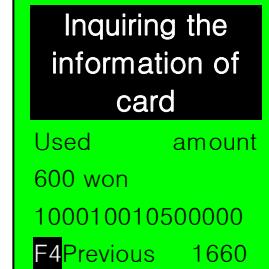
## 2. Inquiring the balance of traffic card

Screen	Handled contents
	<ul style="list-style-type: none"> <li>If you place prepaid traffic card on initial screen, the type of card and the current balance are displayed on screen.</li> <li>Current balance is displayed also on an indicator for customer.</li> </ul>
	<ul style="list-style-type: none"> <li>If you take prepaid traffic card away or <b>Cancel</b> key is inputted, screen returns to the initial screen.</li> </ul>
	<ul style="list-style-type: none"> <li>Screen display in case of old card(general type)</li> </ul>
	<ul style="list-style-type: none"> <li>Screen display in case of new card, Type A card(premium type)</li> </ul>
	<ul style="list-style-type: none"> <li>Screen display in case of new card, Type B card(premium type)</li> </ul>

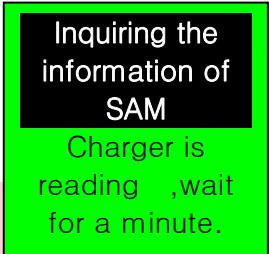
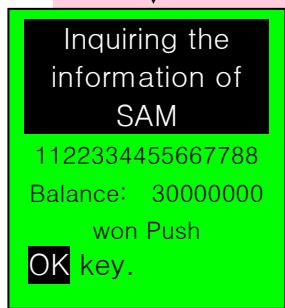
### 3. Charging traffic card

Screen	Handled contents
    	<ul style="list-style-type: none"> <li>If the amount to charge is inputted and <b>OK</b> key is inputted on the screen inquiring the balance of prepaid traffic card, charger charges prepaid traffic card.</li> <li>Input the amount to request for charging from the keyboard of charger.</li> <li>Verify if there is a space to save transactions data in main memory.</li> <li>Charger deducts the amount requested for charging from SAM, and charges prepaid traffic card.</li> <li>If charging is completed, charger saves the charge details of prepaid traffic card in memory and displays the balance of SAM after charging and the balance of prepaid traffic card on screen.</li> <li>The balance of prepaid traffic card after charging is displayed also on an indicator for customer.</li> <li>If automatic printing out a receipt is set up, charger prints out a receipt.</li> <li>If you take prepaid traffic card away, or <b>Cancel</b> key is inputted, current screen returns to initial screen.</li> </ul> <div style="border: 1px solid black; padding: 10px; margin-top: 20px;"> <p><b>Traffic Card Receipt</b></p> <ul style="list-style-type: none"> <li>Transaction type : Charge transaction</li> <li>Charger number : 9999999999</li> <li>Issue company Name : Gyeonggi-do</li> <li>Card number : 1000200-105-0000003860</li> <li>Settlement type : Cash</li> <li>Transactions date and time : 2005/02/24 10:04:09</li> <li>SAM number : 3038303030303031</li> <li>Balance before charge : 5,000 won</li> <li>Charged amount : 10,000 won</li> <li>Balance after charge : 15,000 won</li> <li>Charging place name : Olympic park Charge place</li> <li>Representative name : Gil-dong Hong</li> <li>Business ID number : 12345-6789</li> <li>Charging place address : South 1 Gate Olympic park 176-2 Bangi-dong Songpa-gu Seoul</li> <li>Card TR number: XXXXXXXXXX</li> <li>SAM TR number: XXXXXXXXXX</li> <li>Approval number : XXXXXXXXXXXXXXXX</li> </ul> </div>

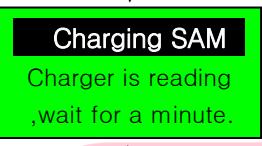
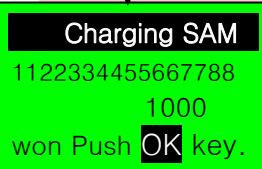
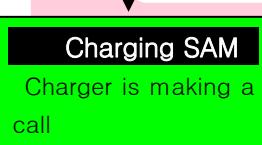
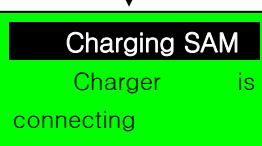
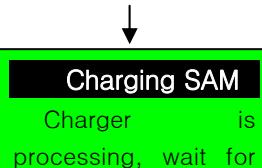
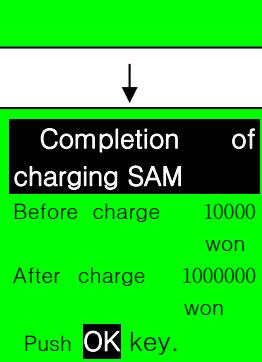
#### 4. Inquiring the information of traffic card

Screen	Handled contents
	<ul style="list-style-type: none"> <li>If Inquiry key is inputted on initial screen, the detail of the final use of prepaid traffic card is displayed on screen.</li> </ul>
	<ul style="list-style-type: none"> <li>Place your card to inquire.</li> </ul>
	<ul style="list-style-type: none"> <li>The details of last use is displayed on screen.</li> </ul>
	<ul style="list-style-type: none"> <li>This screen is the inquiry screen of old card.</li> </ul>
	

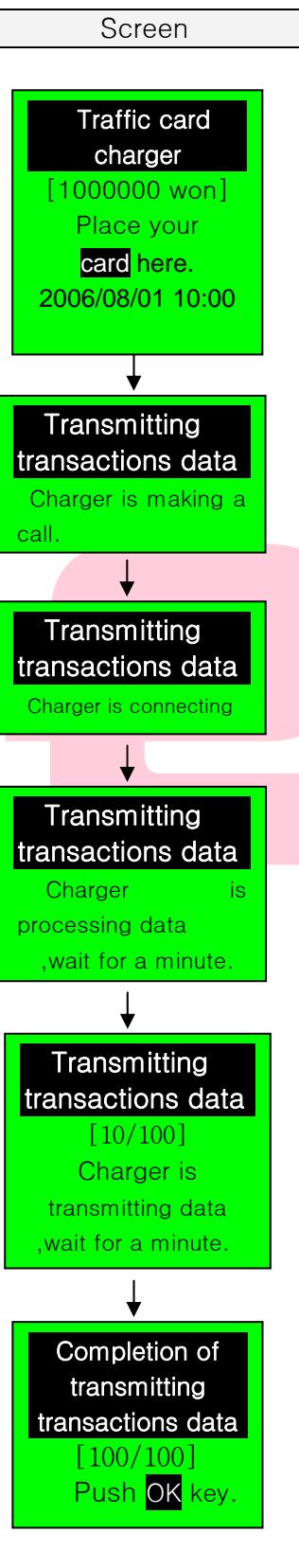
## 5. Inquiring the information of SAM

Screen	Handled contents
  	<ul style="list-style-type: none"> <li>If <b>OK</b> key is inputted on initial screen, the number and balance of electric wallet are displayed.</li> <li>Charger is reading the information of SAM.</li> <li>Wait for a minute.</li> <li>If <b>OK</b> key is inputted, current screen returns to initial screen.</li> </ul>

## 6. Charging a deposit

Screen	Handled contents																										
      	<ul style="list-style-type: none"> <li>– Charger charges electric wallet in the following cases.             <ol style="list-style-type: none"> <li>1. When <b>Charging a deposit</b> key is inputted on initial screen</li> <li>2. Just after the installation job of charger is completed</li> <li>3. When the current amount in electric wallet is less than the lowest balance of electric wallet specified in operation information.</li> </ol> </li> <li>– Charger connects by the phone number of charge host in operation information.</li> <li>– Charger charges electric wallet referring to SAM Specification.             <ul style="list-style-type: none"> <li>– If charge is completed, the details of charging SAM are saved and the bill of charging SAM is printed out.</li> </ul> </li> <li>– If <b>OK</b> key is inputted, current screen returns to initial screen.</li> </ul> <div style="border: 1px solid black; padding: 10px; margin-top: 20px;"> <p style="text-align: center;"><b>SAM Charge Receipt</b></p> <table border="0"> <tbody> <tr> <td>Charge number :</td> <td>9999999999</td> </tr> <tr> <td>Charge date :</td> <td>2005/02/24 10:04:09</td> </tr> <tr> <td>SAM number :</td> <td>3038303030303031</td> </tr> <tr> <td>Balance before charge :</td> <td>10,000 won</td> </tr> <tr> <td>Charged amount :</td> <td>1,100,000 won</td> </tr> <tr> <td>Balance after charge :</td> <td>1,100,000 won</td> </tr> <tr> <td>Number of charge cases :</td> <td>X cases</td> </tr> <tr> <td>Charge fee :</td> <td>XXX won</td> </tr> <tr> <td>Number of refund cases :</td> <td>X cases</td> </tr> <tr> <td>Refund amount :</td> <td>XXX won</td> </tr> <tr> <td>SAM TR number:</td> <td>XXXXXXXXXX</td> </tr> <tr> <td>SIGN (TCC) :</td> <td>XXXXXXXXXX</td> </tr> <tr> <td>Bill number :</td> <td>XXXXXXXXXX</td> </tr> </tbody> </table> </div>	Charge number :	9999999999	Charge date :	2005/02/24 10:04:09	SAM number :	3038303030303031	Balance before charge :	10,000 won	Charged amount :	1,100,000 won	Balance after charge :	1,100,000 won	Number of charge cases :	X cases	Charge fee :	XXX won	Number of refund cases :	X cases	Refund amount :	XXX won	SAM TR number:	XXXXXXXXXX	SIGN (TCC) :	XXXXXXXXXX	Bill number :	XXXXXXXXXX
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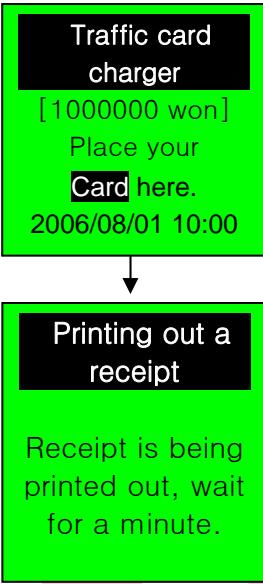
## 7. Transmitting transactions data

Screen	Handled contents
 <pre> graph TD     A["Traffic card charger [1000000 won] Place your card here. 2006/08/01 10:00"] --&gt; B["Transmitting transactions data Charger is making a call."]     B --&gt; C["Transmitting transactions data Charger is connecting"]     C --&gt; D["Transmitting transactions data Charger is processing data ,wait for a minute."]     D --&gt; E["Transmitting transactions data [ 10/100 ] Charger is transmitting data ,wait for a minute."]     E --&gt; F["Completion of transmitting transactions data [ 100/100 ] Push OK key."]   </pre>	<ul style="list-style-type: none"> <li>In the following cases, the transactions data of prepaid traffic card in the main is transmitted to charge host.             <ol style="list-style-type: none"> <li>When <b>Transmission</b> key is inputted on initial screen</li> <li>When transmission conditions specified in operation information are satisfied (number of transactions cases, total of transactions amount)</li> </ol> </li> <li>Charger connects by the phone number of charge host in operation information.</li> <li>Transactions data are transmitted into charge host.</li> <li>The number of total cases of transactions data to transmit and the number of transmitted cases are displayed on screen.</li> </ul>

## 8. Totaling transactions data

Screen	Handled contents
	<ul style="list-style-type: none"> <li>If <b>Total</b> key is inputted on initial screen, Transactions data in the main are totaled.</li> </ul>
	<ul style="list-style-type: none"> <li>Choose data to total.           <ul style="list-style-type: none"> <li>If <b>Cancel</b> key is inputted, current screen returns to initial screen.</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>Choose method to total.           <ul style="list-style-type: none"> <li>Blanket total and total by cases are printed out.</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>It is demanded to input totaled period.           <ul style="list-style-type: none"> <li>If <b>OK</b> key is inputted without inputting totaled period, charger totals the data issued for the day.</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>If printing out total data is completed, current screen returns to the screen choosing totaled data.</li> </ul>
	<ul style="list-style-type: none"> <li>If <b>Cancel</b> key is inputted during the inquiry of screen, Current screen returns to the screen choosing totaled data.</li> </ul>

## 9. Reprinting a receipt

Screen	Handled contents
 <p>Initial screen of the ECR-300 showing a green background with white text. It displays "Traffic card charger [1000000 won]", "Place your Card here.", and the date "2006/08/01 10:00". A large green arrow points down to the next screen.</p>	<ul style="list-style-type: none"> <li>If <b>Print</b> key is inputted on initial screen, the receipt of just prior transactions is printed out.</li> <li>If you push number key <b>3</b> on initial screen, the receipt of charging a deposit is printed out.</li> </ul>
 <p>Receipt printing screen showing a green background with white text. It displays "Printing out a receipt" and "Receipt is being printed out, wait for a minute." A large pink arrow points down to the next screen.</p>	<ul style="list-style-type: none"> <li>"Reprint" is declared on the front part of a receipt.</li> </ul>

## 10. Inquiring the number of charger

Screen	Handled contents
 	<ul style="list-style-type: none"> <li>If <b>Print</b> key is inputted on initial screen, the receipt of just prior transactions is printed out.</li> <li>If you push number key <b>3</b> on initial screen, the receipt of charging a deposit is printed out.</li> <li>“Reprint” is declared on the front part of a receipt.</li> </ul>

# User's Information

## 1. Cautions

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## 2. FCC compliance Information

This device complies with part 15 of 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.

## 3. Information to User

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.