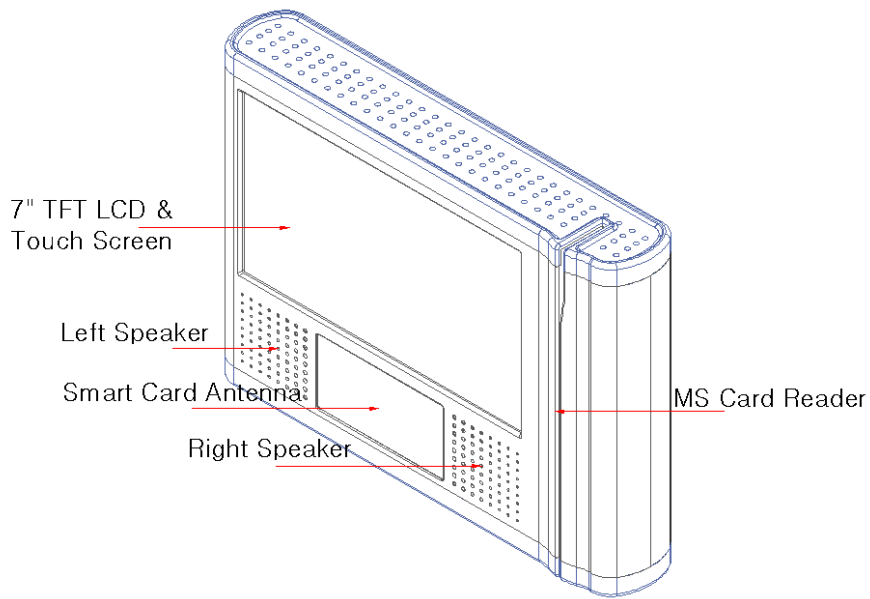


SPS-700B

USER MANUAL



1 PIM CONSTRUCTION

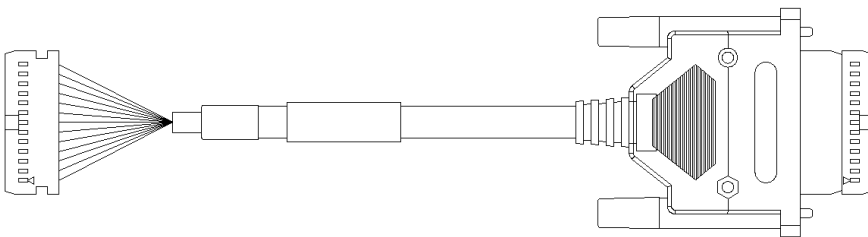


2 SPECIFICATIONS

Category	Specifications		
CPU	SAMSUNG Arm11 667MHz		
Memory	RAM	SDRAM 128M Byte	
	NAND Flash	2G Byte	
RTC	Real Time Clock With Back-up Battery		
DISPLAY	7" LCD Touch screen , 800 X 480 , 400Nits , Outdoor		
RF & Smart CARD	Card Type	MIFARE, ISO14443 A/B, (No support for Contact Smart Card)	
	Reading Distance	Max 60mm	
	Security Algorithm	Triple-DES	
MS CARD	MSR	ISO TRACK 1,2 , Dual Head	
SAM Slot	SIMM Type 4 Slot		
Video/Audio codec	Audio : Wolfson AC 97 Rev 2.2 Codec		
	Video : H.264 , H.263, MPEG4 SP, WMV9 ,VC1, GPU (built in)		
Sound Speaker	80hm 2W X 2/Line Out Audio Jack		
Interfaces	LAN	10/100 Base-T LAN	
	Wifi	802.11 b/g Wireless LAN	
	USB	Host 1.1 [2ch]	
		-. 1ch = Expansion(Included Breakout box)	
	RS232	5ch-5ports	
		-. 1port = GPS only	
		-. 1port = MDT only	
		-. 1port = Taxi Meter only	
			-. 2port = Expansion
	SD Card Socket	SDHC support (32G support)	
GPS	Included (The 51-channel,5 positioning engine boasts), cable length : 2.5m		
RFID	RFID (13.56 MHz)		
Bluetooth	Bluetooth standard		
O/S	Embedded Linux 2.6.xx.x		
Input Power	DC 12 V		

3 CONTENTS

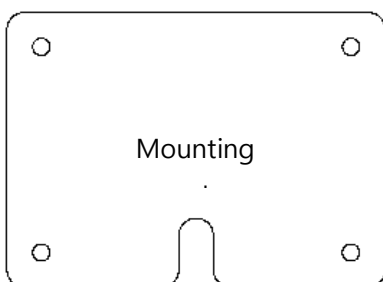
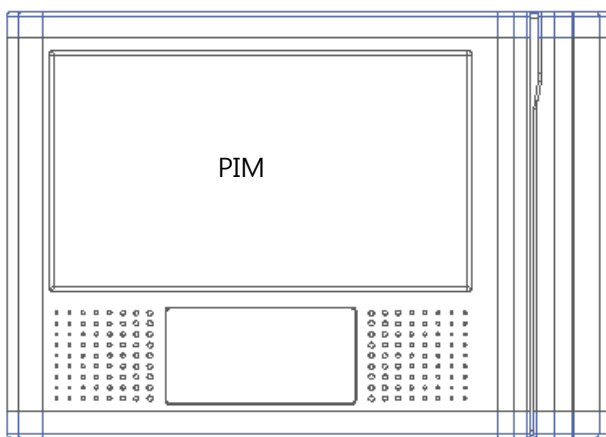
- Mounting Bracket
- PIM
- M5 x 10mm Set Bolt - 4EA
- Breakout Box
- Harness
- GPS



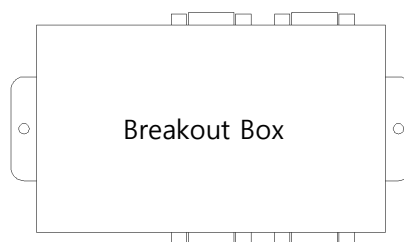
Harness



GPS

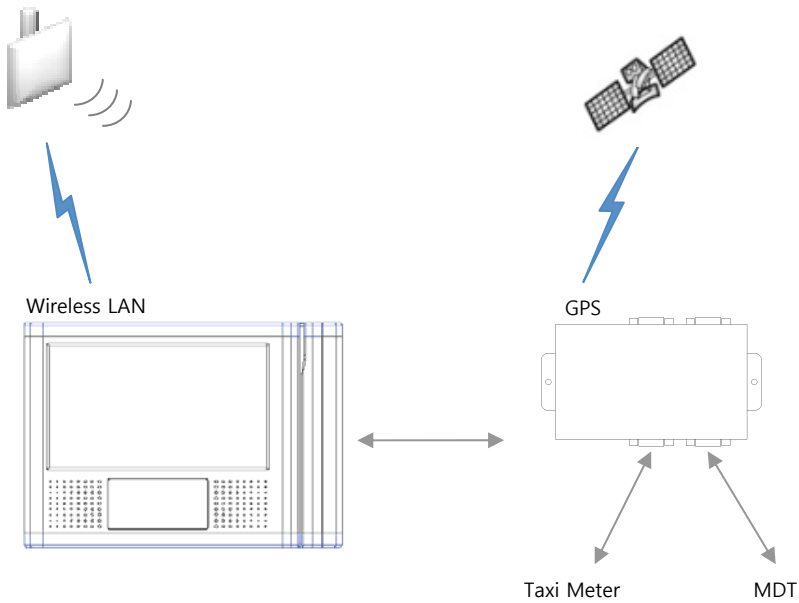


Mounting



Breakout Box

4 INSTALLATION

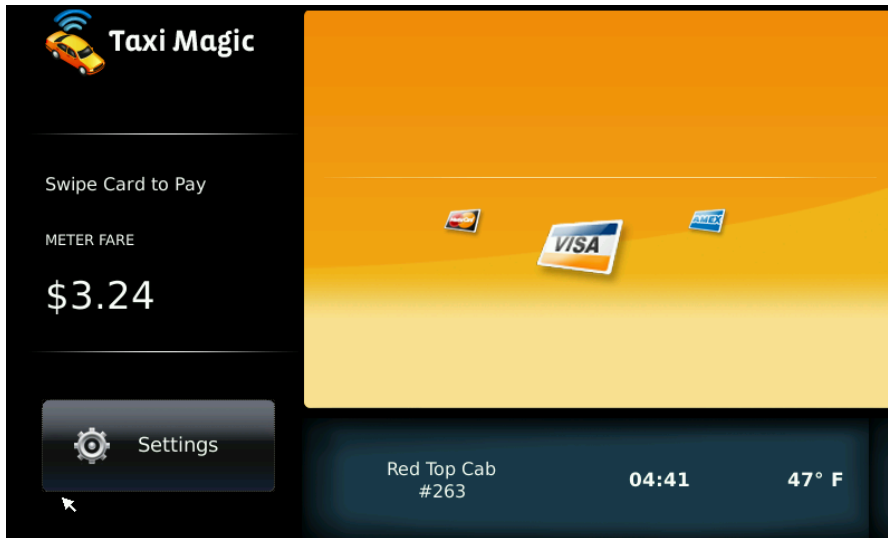


Product outline

What is Taxi Magic?

Taxi magic is credit card reader and you may pay in a card by yourself after you arrive your destination.

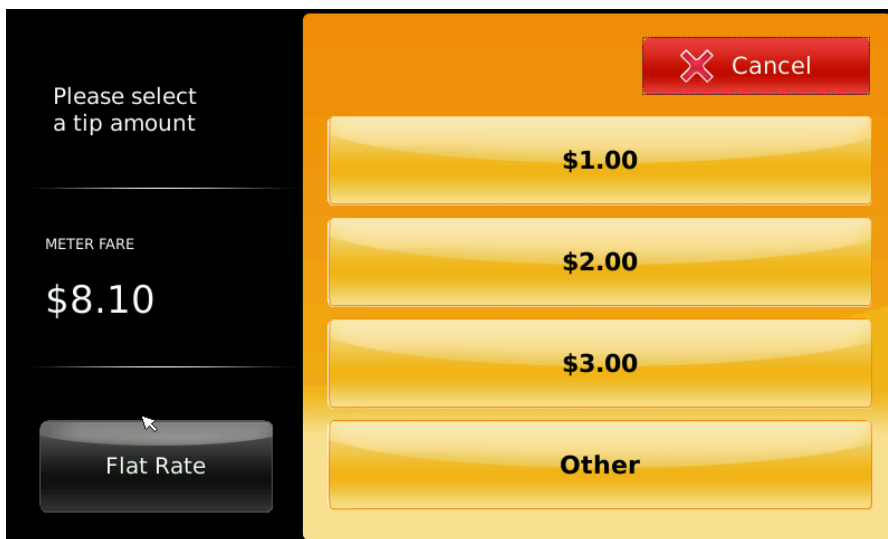
[MAIN SCREEN]



As you can see above screen, you may see taxi fare on the left/ middle side on the screen. Also, you can find time, temperature and the cab number on the bottom side.

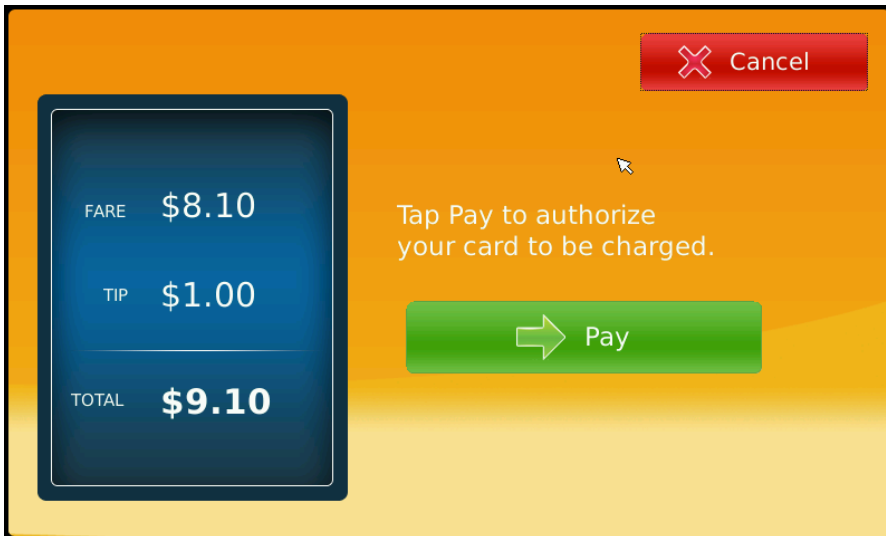
And you can select tip amount on the [SETTINGS] menu.

[SETTINGS]



You may directly select the tip amount (\$1, 2\$, \$3 or other) on the screen as showed on above screen and there are also flat rate mode(10%, 15%, 20%) you may select at ease.

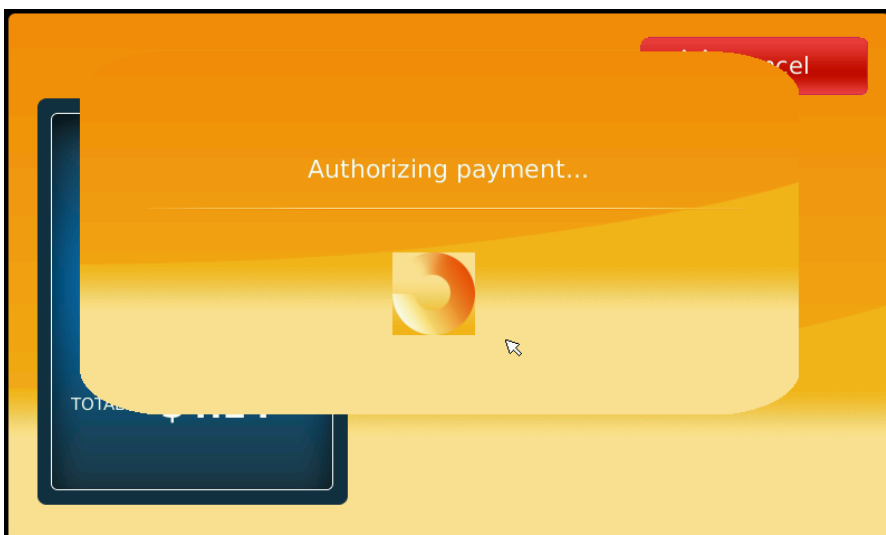
[TOTAL PAYMENT INFO]



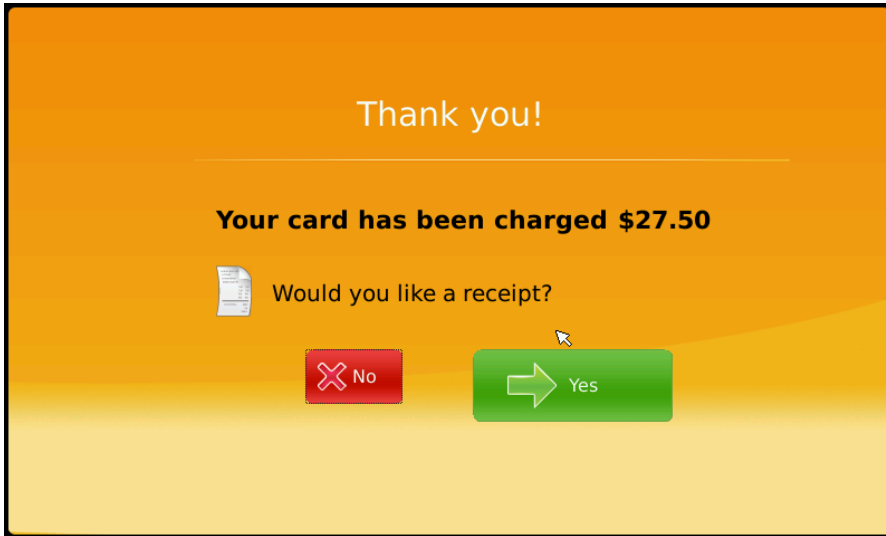
You can find total amount after choosing the tip as above. And you may continue the payment by pressing [Pay] button if the total amount is correct. Or if the total amount is incorrect, you may return previous screen by pressing CANCEL button.

[AUTHORIZING PAYMENT]

You will see the message "Please pass your card" after tapping the [Pay] button. Then, please pass your card for authorizing payment.

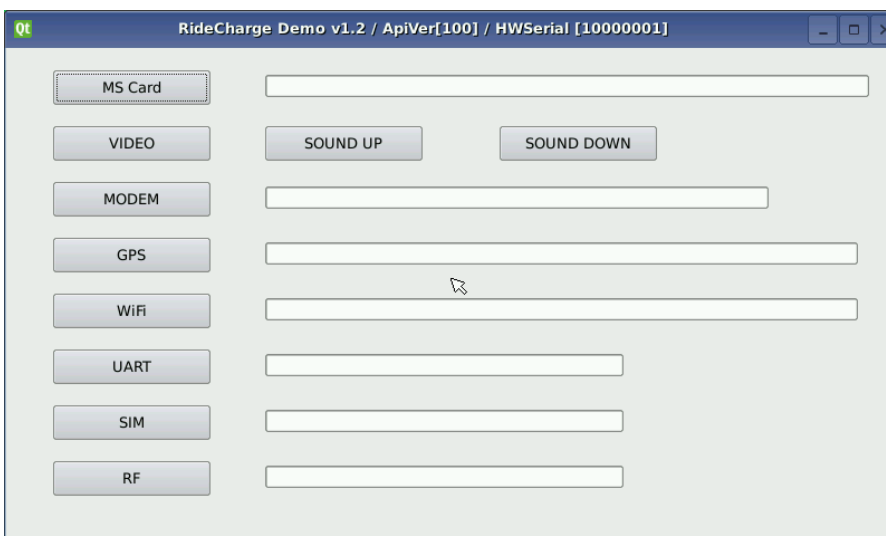


[RECEIPT PRINTOUT]



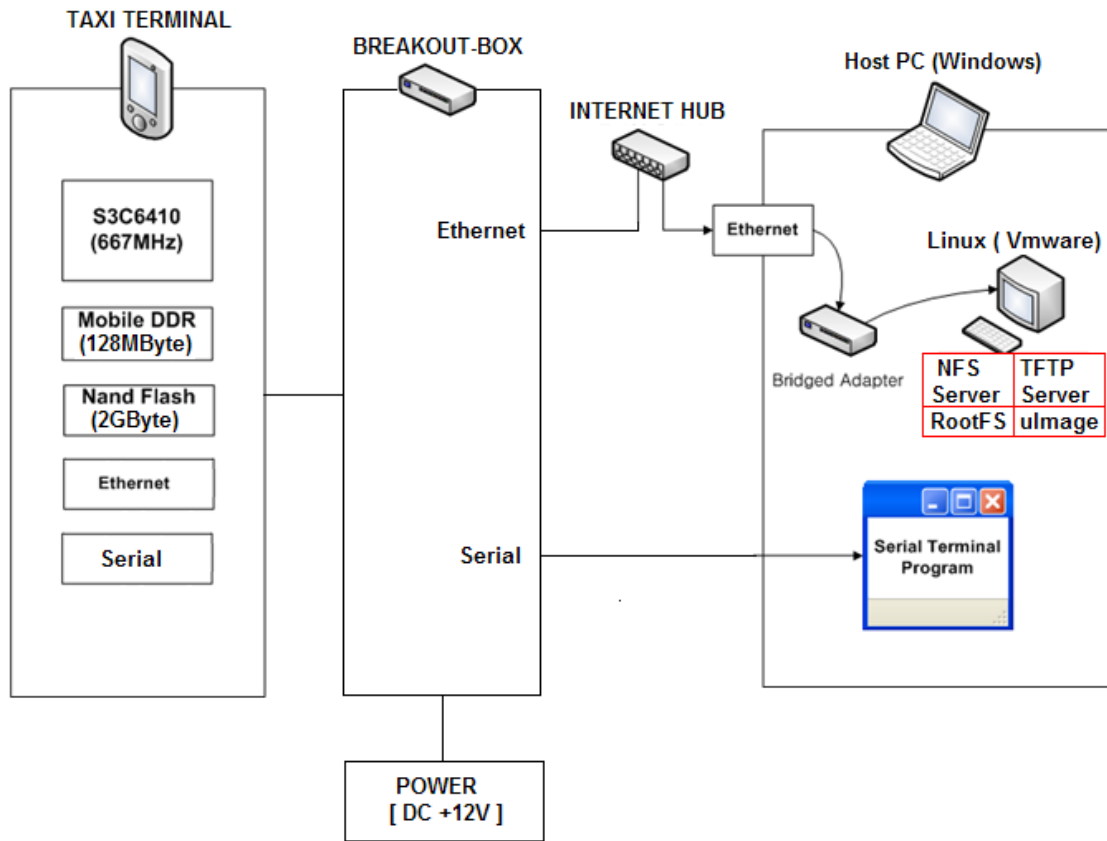
After your card payment is done correctly, you may get a receipt by choosing “Yes” button on above screen.

[HARDWARE SERIAL]

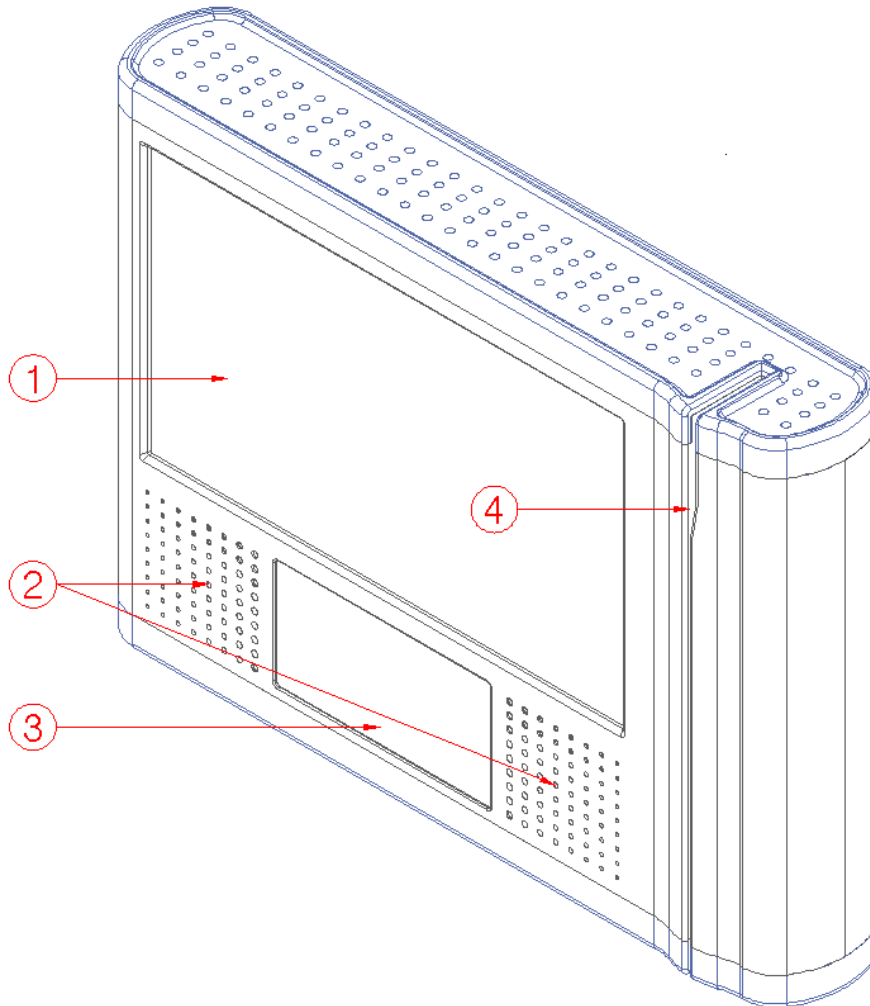


You can find each serial information of H/W part [as showed above]. Also, volume control is available.

1. SYSTEM DEVELOPMENT CONECTION DIAGRAM



TAXI TERMINAL



1 : TFTP LCD (800 X 480)

2 : SPEAKER

3 : RF CARD ANTENNA

4 : MSR

FCC RF INTERFERENCE STATEMENT**NOTE :**

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 and 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.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio, TV technical for help.
- Only shielded interface cable should be used.

Finally, any changes or modifications to the equipment by the user not expressly approved by the grantee or manufacturer could void the users authority to operate such equipment