



In-Touch Loyalty Marketing System Dispenser TouchPoint Unit Installation Manual

Includes important information for the installation of TouchPoint units.

Version 3.1 November 2006

Model FMPWR-2



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

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.

This Class A digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

Dispenser TouchPoint Unit Installation Manual

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1. Electrical Connection Specifications

- 1.1 Read this guide completely prior to installing the Dispenser TouchPoint Unit.
- 1.2 All electrical connections must comply with the following:
 - o Equipment must be installed and used in accordance with the National Electric Code (NEC), and the National Fire Protection Association (NFPA) – Automotive and Marine Service Station Code.
- 1.3 Equipment must be installed in compliance with instructions set forth in this manual.
- 1.4 This manual contains wiring diagrams, drawings, and photographs to assist in the proper installation of the In-Touch System equipment. Any questions regarding this manual or the proper installation of the TouchPoint Unit should be addressed to the Service department of Outsite Networks, Inc. at 800-371-1118.

2. Physical and Power Specifications

2.1 Dispenser TouchPoint AC to DC Power Supply

2.1.1 Physical Dimensions:

Height	1 ½"
Width	2"
Length	4 ½"
Weight	2 lbs.

2.1.2 Power Requirements:

Single Phase	120VAC / 50-60Hz .6 Amps @ 120VAC .125 Amps (typical value)
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2.1.3 Operating Environment:

Rain Proof Enclosure	
Minimum Temperature	-20°C ambient
Maximum Temperature	+40°C ambient

2.2 Dispenser TouchPoint Physical and Power Specifications

2.2.1 Physical Dimensions:

Height	5 ¼"
Width	4"
Length	2"
Weight	1 lbs.

2.2.2 Power Requirements:

12VDC .5 Amps @ 12VDC .25 Amps (typical value)
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2.2.3 Operating Environment:

Rain Proof Enclosure	
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Minimum Temperature -20°C ambient
Maximum Temperature +40°C ambient

3. Site Preparation

- 3.1 Installation must comply with the National Electric Code, the National Fire Protection Association codes and all applicable state and local codes.
- 3.2 Follow all safety precautions appropriate to working at locations where flammable liquids are stored; refer to Appendix A.
- 3.3 The site must be equipped with electrical service to meet the requirements of the installation instructions.
- 3.4 Supplied Materials
 - TouchPoint Unit
 - TouchPoint AC to DC Power Supply
 - AC Adaptor Cable
 - 10-32 Bolts (for mounting)
 - Lock Nuts
 - Template
- 3.5 List of recommended tools
 - Tape measure
 - ¼" drill bit
 - ½" drill bit
 - Manual hand or low speed pneumatic drill
 - 9" Lineman's pliers or slip joint pliers
- 3.6 The TouchPoint unit can be mounted in several positions on the front panel of the dispenser's electronic cabinet head.
- 3.7 Before mounting, ensure that there are no electronic components on the interior of the electronic cabinet door where the unit is being mounted and that mounting the TouchPoint unit does not obstruct future maintenance of the fuel dispenser. Mount the unit above the dispenser's vapor barrier.
- 3.8 The TouchPoint power supply is connected to the dispenser AC power. The TouchPoint power supply converts AC power to DC power.

4. Secure Working Area

- 4.1 Before working on the dispenser, block customer access to the dispenser island with traffic safety cones or other appropriate barriers.
- 4.2 Do not allow vehicles, customers or other unauthorized people in the barricaded area.
- 4.3 Do not smoke, or allow other open flames or arcing and sparking devices in the barricaded area.

4.4 <i>NOTE: Important Safety Information - Check the work area around the dispenser to ensure that an explosive mixture of vapors is not present.</i>
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Illustration A: Barricaded dispenser island

5. Turn Dispenser A/C Power Off

- 5.1 Before working on the dispenser, use the circuit breaker in the electrical service box to turn off the A/C power supply to the dispenser.

6. Prepare to Mount the Dispenser TouchPoint Unit

- 6.1 Place the template of the TouchPoint unit (provided at the end of this manual) at the desired location of the fuel dispenser. The selected location should be consistent on both sides of the dispenser and should be installed in the same position on each dispenser of the same type at the location. (See Illustration B)



Illustration B: Find a desired location for the TouchPoint unit.

- 6.2 Remove all stickers and decals from the front panel where the unit will be installed. Replace the decals as necessary in alternate locations.

NOTE: (concerning dispenser stickers) When relocating stickers, ensure that the chosen alternate location is equally visible. If necessary, replace with a smaller sticker.

- 6.3 Using the template, mark the location of the two $\frac{1}{4}$ " and middle $\frac{1}{2}$ " holes on the fuel dispenser.
- 6.4 Drill the two $\frac{1}{4}$ " holes using a manual hand, or low speed pneumatic drill using a $\frac{1}{4}$ " drill bit.
- 6.5 Drill the middle $\frac{1}{2}$ " hole using a manual hand, or low speed pneumatic drill using a $\frac{1}{2}$ " drill bit.

6.6 Repeat section 8.1 through 8.5 for the “B” side of the dispenser.

NOTE: Important Safety Information – Use extreme caution not to puncture or damage any electronics or other components in the dispenser’s electronic cabinet.

NOTE: Important Safety Information – Check the work area around the dispenser to ensure that an explosive mixture of vapors is not present.

7. Connect Power

- 7.1 The TouchPoint AC Power Supply, Illustration D, supplies DC voltage for up to two TouchPoint devices mounted on one dispenser. ONI supplies specific AC Adaptor cables per each dispenser manufacturer.
- 7.2 Connect the manufacturer appropriate AC Adaptor cable to the TouchPoint AC Power Supply.
- 7.3 Once connected to the power supply, connect the AC Adaptor cable to an available position on the dispenser’s AC buss.



Illustration C: Gilbarco AC Adaptor Cable.



Illustration C.1: Sample Gilbarco dispenser AC buss.



Illustration D: Dresser Wayne AC Adaptor Cable.

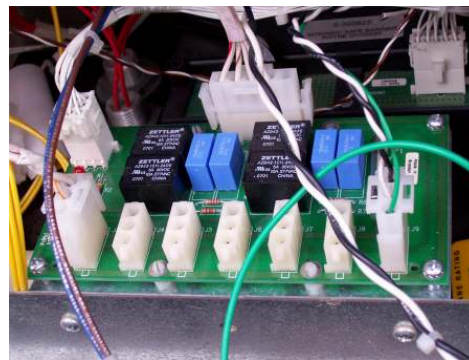


Illustration D.1: Sample Dresser Wayne dispenser AC buss.



Illustration E: Outsite Networks supplied Touch Point AC Power Supply.

8. Connect the TouchPoint to the Dispenser

- 8.1 Thread the TouchPoint connector cable through the ½" middle hole.
- 8.2 Place the TouchPoint unit on the dispenser at the designated install location.
- 8.3 Secure the TouchPoint unit to the dispenser using a washer, a lock washer, and a 7/8" screw for each ¼" hole (in that order).

NOTE: When fastening the TouchPoint unit to the dispenser, ensure the connection is tight and that the rubber gasket is making contact with the dispenser all the way around the unit. This will prevent moisture from entering the dispenser through the 3 holes behind the TouchPoint.

- 8.4 Repeat steps 8.1 through 8.3 for the opposite side of the dispenser.
- 8.5 Connect the opposite ends of the TouchPoint AC Power Supply cables to the TouchPoint connector cables on sides A and B of the dispenser.



****Suggested step:** Using a small wire tie, bind the TouchPoint unit connector cable with the Touch Point AC Power Supply cable beneath their connection to ensure they will not become disconnected during future service or maintenance inside the dispenser.

- 8.6 Route the Touch Point AC Power Supply cables in a manner to ensure adequate cable length to allow door panels to open as necessary.

9. Enter Programming Mode

- 9.1 Use the circuit breaker to turn on power to the fuel dispenser. When the TouchPoint unit is powered up, it will speak the unit mode, the unit group (Network ID), and the unit ID (unit number).
- 9.2 If the units are online (meaning that the In-Touch System Server and repeater are installed and on), pressing any of the keys will produce an audible beep.

- 9.3 To place the TouchPoint unit in the programming mode simultaneously press and hold the YES and NO buttons.
- 9.4 After about two seconds, the TouchPoint unit will prompt for changes. This indicates that the units are in programming mode.
- 9.5 To choose a setting to change, press the YES button when prompted.
- 9.6 To skip to the next setting, press the SELECT button until the desired option is heard.
- 9.7 To exit programming mode, press NO.

10. Program the Volume

- 10.1 The volume of the TouchPoint should be programmed immediately after installation. To program the Volume Level, press the YES and NO buttons simultaneously to enter programming mode. A prompt saying the TouchPoint unit information should be heard.
- 10.2 The unit will prompt, "Press YES for Volume Level. Press SELECT for more options."
- 10.3 Press YES to confirm the selection of "Volume Level."
- 10.4 The unit will prompt, "Press YES to cycle Volume Level. Press SELECT for more options."
- 10.5 Press YES to cycle the Volume Level.
- 10.6 The unit will state the Volume Level that is currently programmed. To change the Volume Level; increase by pressing the YES button. (There is no option to decrease the volume level, but the unit will automatically cycle around at 20 and go back to 1.)
- 10.7 When finished programming, press the NO key to exit.

11. Program the Fueling Position

- 11.1 The fueling position of the TouchPoint unit should be programmed immediately after installation. To program the fueling position, press the YES and NO buttons simultaneously to enter programming mode. A prompt saying the TouchPoint unit information should be heard.
- 11.2 The unit will prompt, "Press YES for Volume Level. Press SELECT for more options."
- 11.3 Press SELECT on the TouchPoint until "Unit Number" is heard.
- 11.4 Press YES to confirm the selection of Unit Number.
- 11.5 The unit will prompt, "Press YES to cycle Unit Number. Press SELECT for more options."
- 11.6 Press YES to cycle the unit number.
- 11.7 The unit will state the Unit Number that is currently programmed. To change the current Unit Number, increase by pressing the YES button. (There is no option to decrease the number, but the unit will automatically cycle around at 32 and go back to 1.)
- 11.8 When finished programming, press the NO key to exit.

NOTE: It is necessary to individually program both the A and B side TouchPoint units to correspond of the fueling position at which the unit is installed.

NOTE: It is NOT necessary to program the mode of the TouchPoint units. This is factory preset at 1 and should remain the same.

NOTE: IF two or more locations are within a half mile proximity to one another, the Network ID's should be programmed. In such situations, please contact Outsite Networks, Inc. Service Group at 800-371-1118.

12. Test the Dispenser TouchPoint Units

- 12.1 If the In-Touch System Server is installed, swiping a tag should indicate a response from the Dispenser TouchPoint unit.
- 12.2 If the help message plays on a different TouchPoint unit, either the unit where the HELP button was pressed, or the unit where the message incorrectly played, it is programmed incorrectly.
- 12.3 If the help message plays properly, place a loyalty tag near the TouchPoint unit. If online, the unit should beep and then play an audio welcoming message.
- 12.4 After all of the TouchPoint units are installed and the In-Touch System Server is installed and connected to the Internet, each TouchPoint unit should be tested again.

13. Post Installation

- 13.1 Packaging and installation materials should be removed from the dispenser island and properly disposed.
- 13.2 Remove the safety traffic cones used to barricade the dispenser island.
- 13.3 If necessary, the TouchPoint units should be cleaned using a damp warm cloth to remove smudges and other marks. Soapy water or a non-abrasive cleaning solution may be used. The site operator should be instructed in the proper cleaning procedures

Limited Warranty

Outsite Networks™, Inc. (ONI) warrants for one year from the date of shipment those new products manufactured by the company and for six months those products remanufactured by the company, when installed in accordance with Outsite Networks' specifications, against defective material or workmanship, but not against damage caused by accident, abuse, faulty installation, third-party modifications or improper operation. This limited warranty is extended only to the first end-user, regardless of whether that end-user obtained the equipment from Outsite Networks, Inc., its distributor, or otherwise.

During the warranty period, Outsite Networks, Inc. will, at its option, replace a defective product with a new or remanufactured product. Outsite Networks will ship the replacement product at no charge to the customer. The customer will be responsible for the shipping charges to return the defective product. The customer will be invoiced for any defective product not returned to Outsite Networks within 30 days of the replacement's shipment date.

- Any Outsite Networks, Inc. product purchased from Outsite Networks, Inc. or its Sales Representative or Distributor, are subject to the following disclaimers and limitations of liability set forth hereinafter. Outsite Networks, Inc. warrants only those products manufactured by Outsite Networks, Inc. Products sold by Outsite Networks, Inc., but not manufactured by Outsite Networks, Inc., are covered by the manufacturer's warranty only.
- Any changes in design or improvements added shall not create any obligation to install same on equipment previously sold.
- Outsite Networks, Inc. liability is that exclusively stated herein, and Outsite Networks, Inc. shall not be liable for any special, indirect, incidental, or consequential damages of any type, including, but not limited to, damages, loss of product, loss of profit or sales, or any other expense resulting from the non-conforming or defective condition of any products or of any system purchased by the end-user.

To the extent permitted by law, this warranty is given in lieu of all other warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose, and Outsite Networks, Inc. neither assumes, nor authorizes any person to assume for it, any liability beyond that stated herein.

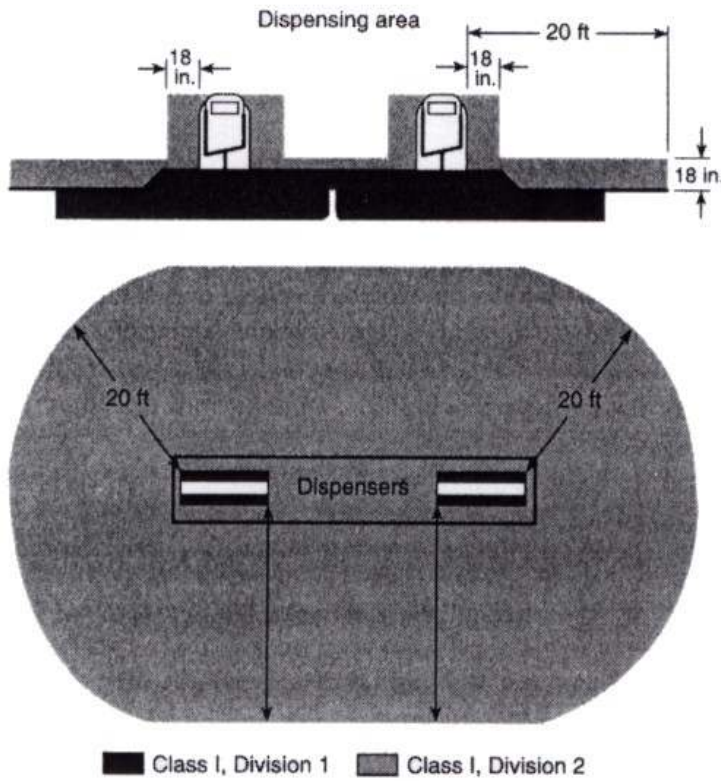
The end-user expressly accepts by use of Outsite Networks, Inc.'s product, equipment, or systems, all liability for all consequences arising out of the use of such product, equipment, or system. The limited warranty stated herein is the exclusive remedy of the end-user; and this limitation of liability provision shall apply to any and all claims or lawsuits based on negligence, breach of contract, breach of warranty, strict liability, or any other legal theory upon which liability may be asserted against Outsite Networks, Inc. by the end-user of Outsite Networks, Inc.'s products or systems.

National Electrical Code GASOLINE DISPENSING AND SERVICE STATIONS – ARTICLE 514

Table 514-2. Class I Locations -- Service Stations

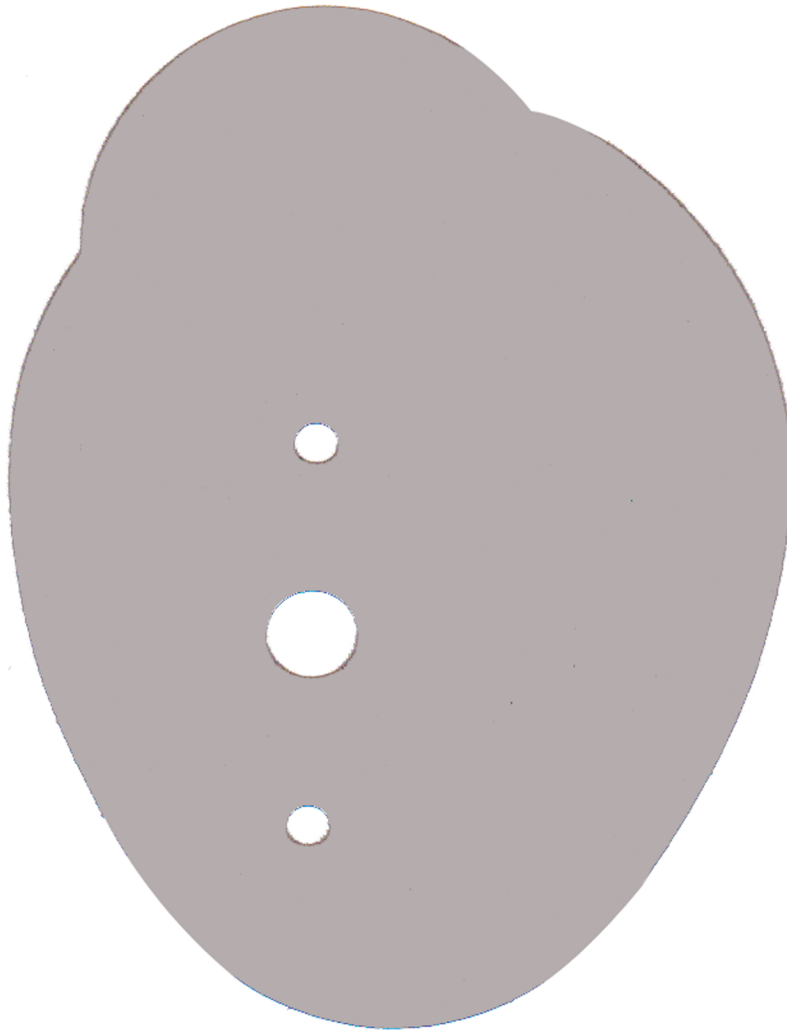
Location	Class I, Group D, Division	Extent of Classified Location
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FPN: For information on area classification where liquefied petroleum gases are dispensed, see *Standard for the Storage and Handling of Liquefied Petroleum Gases, NFPA 58-1995*.



For SI units: 1 in. = 25.4 mm; 1 ft = 0.3048 m.

***Figure 514-2 Classified locations adjacent to dispensers as detailed in Table 514-2.**



Dispenser TouchPoint Unit Template.

Cut out template from this page to plan install location of
Dispenser TouchPoint Unit.

Top and Bottom holes are 1/4".
Middle hole is 1/2"