

Wireless Programmer (WP) – Quick Reference

1.1. General

The Wireless Programmer (WP) is a portable device (see Figure 1).

There are two WP types:

- Wireless Programmer Home-Base, Cat No. 800920910
- Wireless Programmer Retail, Cat No. 800920930

It is a device manufactured for on-the-spot vehicle units issuing for RFID based fueling. The home base version can also configure station equipment such as the Nozzle Reader (NR).

An authorized installer can install and program the FuelOpass/DP/ μ DP/NR on the customer's premises using this wireless, programmer (see Figure 1, Figure 2).

The WP is used for Programming the following vehicles units:

- FuelOpass
- DataPass / μ DataPass

And for:

- Programming NR (only for 800920910)
- Downloading data via RS232 (only for 800920910)
- Downloading data via GPRS (only for 800920930)

**WARNING !**

Programming using the WP should be done in safe area (Non-Hazardous location). Therefore, it should be done prior to Fuel ring installation!



Figure 1. Wireless Programmer – General View

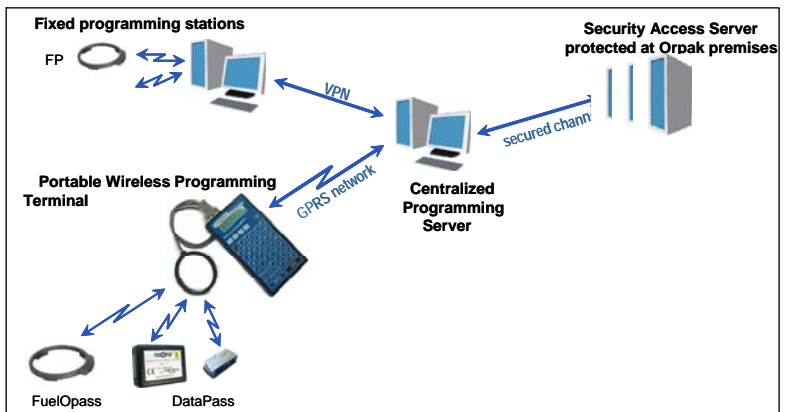


Figure 2. Programming System in Retail

1.2. WP SPECIFICATIONS

Communication Interfaces:	<ol style="list-style-type: none"> 1. RF communication method Single IEEE802.15.4 wireless channel: <ul style="list-style-type: none"> ▪ Frequency: 2.405-2.485 GHz ▪ Wireless Antenna: Built in PCB Antenna ▪ Typical Range: 50 meter at open space 2. RFID Reader method with Fuel Ring: <ul style="list-style-type: none"> ▪ Frequency: 125 kHz ▪ Two loop (coil) antenna diameters available ▪ Reading distance: Up to 8cm 3. Modem GPRS (only for p/n 800920930) 4. RS232
Supply Voltage	7.2V, 2000mAh Lithium Ion internal Battery (Battery pack made of two CGR18650C Panasonic batteries)
Battery Charging current	550mA@12VDC
Battery Charging Voltage	12V to 28V DC input
Charging Temperature	Batteries should be charged at temperatures between 10°C and 45°C

1.3. Charging the WP Battery Pack

CAUTION !

Don't switch on or operate your Wireless Programmer while its battery is charging!

Charging the WP battery takes 8 hours (fully charged); this is done by connecting the batteries charger to the mains and observing the WP Charging LEDs on the WP right hand side:

1. Upon connecting the charger, the LED lights red
2. When the battery is almost full, it turns weak red and the second LED lights green
3. At this stage the batteries continue charging for additional three hours.
4. After three hours the red LED turns Off and only the second LED lights green (end of charging)

1.4. Disposing the Battery

Properly dispose a used battery in full compliance with the manufacturer's hazardous waste rules!

Do and don't do:

- Don't toss, drop, or abuse the battery.
- Don't short-circuit the battery.
- Don't open and expose the cell contents.
- Don't modify the battery casing and/or housing
- Don't expose it to rain or excessive moisture.
- Don't dispose of batteries in a fire

This 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

THE FCC WANTS YOU TO KNOW:

This equipment has been tested and found to comply with the limits of 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.

FCC Warning

Modifications not expressly approved by the manufacturer responsible could void the user's authority to operate the equipment under FCC rules.