



Parking Sensor
Range

Look



Parking Systems

MetaSystem Group, founded in Reggio Emilia in 1973, is a Group of Italian companies specialising in the electronics sector, with a particular focus on automotive, telematics, energy, photovoltaic, telecommunications and broadcasting.

The Group that, from its very beginnings, has made considerable investments in Research and Development for the conception, design and production of innovative fine-tech products and value added services, boasts a high technical competence: from analogical to digital signals, from firmware to integrated software and a specialization in the sectors of high frequency and power. With its consolidated know-how and extensive portfolio of intellectual properties, MetaSystem Group has become a veritable centre of excellence within the electronics industry scene, and has more than 150 active patents at national and international level.

The Group effectively creates and chairs each stage of the production chain: from idea to project, right up to the complete processing of the end product (electronics and mechanics); from qualification and homologation to endurance and life testing; from the development of dedicated testing systems to the design and implementation of logistic and production structures.



MetaSystem Group stands out for the quality of its products and production process and it successfully operates within standards UNI EN ISO 9001:2000 and ISO/TS 16949:2002. The numerous certifications issued by the world's leading car manufacturers and the upgrade to ISO 14001:2004 certification are a guarantee that the Group can combine ongoing innovation and high-level production standards with total respect for the environment.

With more than 1,300 employees (20% of whom are in R&D) and a network of subsidiaries and distributors operating worldwide, today MetaSystem Group is cutting-edge, and ready to face all new technological and market challenges.

In the automotive industry, the MetaSystem Group has specialized in the development of electronic safety products and systems. Meta System S.p.A. is one of Europe's leading manufacturers of anti-theft devices and alarms, both traditional and satellite, made for the Original Equipment, Accessory Line and After-Market segments of major world car manufacturers. Furthermore, Meta System S.p.A. has developed a broad range of component parts for cars, including parking sensors and Bluetooth solutions, designed and manufactured to extremely high quality standards and with integrated cutting-edge technologies.



P A R K I N G S E N S O R S

Even a simple knock at low speed can have serious consequences for anyone behind the vehicle and result in high vehicle repair costs.

Thanks to the MetaSystem parking sensors, parking is no longer a problem!

The parking sensors protect the vehicle, objects and above all prevent contact with anyone within range of the vehicle being parked. Any obstacles are signalled by means of acoustic and light indicators.

Meta System presents a complete range of sensors to make parking easier and reduce to the utmost the damage that could be caused by unnoticed obstacles.

SR2 Targa RTG

2-SENSOR PARKING SYSTEM FOR "REGISTRATION PLATE" FITTING

REAR



The "Ready to Go" system adapts to almost any vehicle found on the market today (except those with lateral registration plates), guaranteeing similar reading quality and coverage to products with capsules fitted into the bumpers.

The ultrasonic sensors come complete with a special support to secure them to the sides of the registration plate bracket supplied with the product.

An international patent makes the registration plate bracket system a Meta System exclusive.

Quick fitting and no permanent changes to the vehicle are just some of the incredible features of this system.

FRONT PLATE 4

4-SENSOR PARKING SYSTEM FOR "REGISTRATION PLATE" FITTING

FRONT



The "Ready to Go" system adapts to almost any vehicle found on the market today (except those with lateral registration plates), guaranteeing similar reading quality and coverage to products with capsules fitted into the bumpers.

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Quick fitting and no permanent changes to the vehicle are just some of the incredible features of this system.

Some Front Plate 4 features:

- 4 miniaturised sensors (transducer diameter 14 mm)
- Signal reflection analysis for eliminating disturbances
- Sensitivity adjustment on the relevant channels
- MUTE function for the vehicle stereo system
- Waterproof connectors (IP67)
- Automatic timed and/or manual start by means of pushbutton and indicator LED

Meta ActivePark_{4/14}	4-SENSOR BUMPER PARKING SYSTEM	REAR/FRONT
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Meta ActivePark_{4/14} is the 4-sensor parking system with quick fitting inside the bumpers.

Like all the different versions in the MetaSystem range of “parking sensors” this product can be customised very easily: the sensitivity and offset levels of the central and side capsules can be set separately (minimum safety distance) and independently, guaranteeing the product suits the vehicle it is fitted onto.

Meta ActivePark_{4/14} has many other interesting features:

- Front or Rear fitting with different acoustic tones so as not to confuse the signals
- Miniaturised sensors (sensor diameter: 14 mm)
- Waterproof connector (IP 67)
- Internal flush fitting of sensors or exterior fitting (optional)
- Switches off automatically when towing
- The sensitivity of the lateral sensors is independent of the middle sensors
- MUTE function for the vehicle stereo system
- Analysis of signal reflection for elimination of false readings
- Also operates with tow bar
- Masking of tow hook, Bull Bar, external spare wheel
- Easy-fit, plug-in type support hooks for the capsules
- Timed and/or manual automatic front operation by means of pushbutton and indicator LED
- Acoustic signal speaker with adjustable volume
- Multi-colour LED display unit for determining obstacle position (optional)

All the sensors can be painted the same colour as the vehicle so they integrate fully into painted bumpers.

PlugPark_{4/14}	4-SENSOR BUMPER PARKING SYSTEM	REAR/FRONT
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PlugPark_{4/14} is the 4-sensor parking system with quick fitting from outside of bumpers.

PlugPark_{4/14} also has many other interesting features:

- Front or Rear fitting with different acoustic tones so as not to confuse the signals
- Miniaturised sensors (sensor diameter: 14 mm)
- Waterproof connector (IP 67)
- Fitting from outside with retention system
- Switches off automatically when towing
- The sensitivity of the lateral sensors is independent of the middle sensors

- MUTE function for the vehicle stereo system
- Analysis of signal reflection for elimination of false readings
- Also operates with tow bar and automatic disengagement
- Easy-fit, plug-in type support hooks for the capsules
- Timed and/or manual automatic front operation by means of pushbutton and indicator LED
- Masking of tow hook, Bull Bar, external spare wheel
- Acoustic signal speaker with adjustable volume
- Multi-colour LED display unit for determining obstacle position (optional)

All the sensors can be painted the same colour as the vehicle so they integrate fully into painted bumpers.

SR2	2-SENSOR BUMPER PARKING SYSTEM	REAR
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This system features 2 sensors to be fitted in the rear bumper of the vehicle (paintable capsules). The fully resin-bonded sensors, waterproof connector (IP67) and bayonet-type fixing system guarantee stable scanning quality, with constant reliability over time. The loudspeaker providing the acoustic signalling (adjustable volume) can be easily concealed inside the vehicle's interior and offers the same acoustic performance as OE systems. Comparative tests have shown that this 2-sensor system gives similar, if not better, readings and coverage to traditional 4-sensor systems.

Thanks to these incredible features, the SR2 represents the best trade-off between operating quality and product/fitting costs.

SP2	2-SENSOR BUMPER PARKING SYSTEM	FRONT
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This system features 2 sensors to be fitted in the front bumper of the vehicle (paintable capsules). The fully resin-bonded sensors, waterproof connector (IP67) and bayonet-type fixing system guarantee stable scanning quality, with constant reliability over time. The system engages at the same time as the rear system to make parking operations easier. A pushbutton, featuring a LED to show when the system is operating, allows activating it when required for 20 sec., including without having to engage reverse gear. The acoustic indicator has a different tone from the rear parking sensors, so as not to confuse the different signals.

The main advantages are:

- easy and quick installation because the SP system is installed in the front part of the vehicle only and does not require connecting up to the rear part;
- possibility of integration with original systems – if these are already fitted to the vehicle –for rear protection
- system completely independent from the rear parking sensors

Thanks to these incredible features, the SP2 represents the best trade-off between operating quality and product/fitting costs.

**DISPLAY UNIT**

Display unit with multicolour LED for determining distance from obstacle

**PUSHBUTTON (LED)**

Pushbutton for starting the front parking sensors with indicator LED

**MSY PDC PROGRAMMER**

This programmer makes it easier to access parking sensor range programming and setting. The kit includes the connection leads between the programmer and the single devices and the supply unit for recharging the internal buffer battery that ensures independent use. The programmer can be updated by means of Msprog software available on request from technical assistance by e-mail.

Programmable devices: ActivePark_{4/14} and PlugPark_{4/14}

CUSTOMER CARE

Customer Care is handled directly by our dealers. Our distribution network can assist you with any sales or technical support you need, before or after purchase, relating to:

- offers, configurations and quotations
- assistance to identify your needs and buy the products that satisfy them at best
- technical service for any product enquiries after installation
- technical and sales documentation



www.metasystem.it

You can contact the Italian Customer Care Department by e-mail at assistenza.caralarm@metasystem.it

If you need technical support on-line you can also visit the TECH AREA in our web site www.metasystem.it

Here you can find:

- user manuals (PDF)
- installation manuals (PDF)
- vehicles and motorcycles information sheets (PDF)
- software
- utilities
- questions and answer

Part of this information is available only if you log in. To register or log in please use the "Registered Users" box on the page.

The screenshot shows the 'Tech Area' page on the Meta System website. At the top, there is a navigation menu with links for HOME, ABOUT, LINKS, FAQ, HELP, CONTACTS, and SITE MAP. Below the menu is a search bar and a 'GO' button. The main content area is titled 'Tech Area' and contains a list of resources: user manuals (PDF), installation manuals (PDF), vehicles and motorcycles information sheets (PDF), software, utilities, and questions and answers. A note states that part of this information is available only if you log in. To the right, there is a 'REGISTERED USERS' box with fields for Username and Password, and buttons for Login, Register, and a link for 'Forgot your password?'. Below the main content, there is contact information for different product categories: UPS section (assistenza.ups@metasystem.it), CAR and Telematics sections (assistenza.caralarm@metasystem.it), Motorcycle section (assistenza.motoalarm@metasystem.it), and HomeAlarm section (assistenza.homealarm@metasystem.it).

WARRANTY

All products have a three (3) years warranty against manufacturing defects included in the price.



Moreover, in the remote event of a failure, most problems can be resolved right on the first service call or simply by **exchanging** the failed product. (Exchange Formula)

Parking Systems



MetaSystem
Group



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