

# Irizar i8

A unique technological masterpiece





## A new era: a new vision

Irizar is a world-leading business in passenger transport. Established in 1889, it offers a wide range of integral, hybrid and electric coaches and buses.

The Irizar Group has consolidated its position in luxury coach manufacture by focusing on spectacular designs, technology and sustainability, while at the same time offering prestige to operators and exceptional comfort to the driver, courier and passengers, guaranteeing an unforgettable, stimulating travel experience.

Irizar Service customised solutions are designed to offer you the best in Finance and Repair and Maintenance contracts, along with the collection and disposal of your used vehicle. A complete repair service and fully-guaranteed maintenance are offered 24/7 all year.

This coach, class-leading and iconic, is the pillar on which Irizar will build its future in the long-distance, leisure and corporate travel sectors.

This vehicle - with a dynamic aesthetic and innovative technology - is the ultimate representation of quality, sturdiness and reliability in a sector where its personality and overwhelming visual impact will stand out.

The i8 originates from studying changing passenger habits, new centres of interest, current lifestyle and our place in the environment; this is our inspiration to create a new vision of the future of luxury coaches.

## Designed to create unforgettable experiences

The brand identity and character of Irizar underpins the Irizar i8. The pronounced line that flows along the entire side of the coach echoes with the design of modern cars rather than conventional coaches, creating a firm, strong statement, daring and refined, harmonious and fluid. A perfect combination of surfaces and abrupt lines generating visual harmony and reflections.

The attractive, V-shaped stainless trim stands out at the front, framed by new stylish, full-LED headlights. The revolutionary windscreen style integrates with the LED lights, translating into a clean, futuristic look.

The rear is equally evocative. The aggressive lines are maintained, emphasized with a V-shaped emblem as a new element. Two air louvres frame the engine compartment, matching the coach's style. The rear lights are LED with continuous lineal lighting, exclusively developed for the Irizar i8, incorporating the most modern technologies. At roof level, the spoiler integrates with the rear-view camera to complete the rear sculptural shape.

With this styling, the Irizar i8 becomes a powerful statement, transmitting trust, art and elegance.





## A symphony for the senses

Our objective has been to generate a sensation of well-being when entering the coach and to create an unforgettable memory in the passengers at the end of the journey: welcome on board!

Travelling in the Irizar i8 is a unique sensory experience. The interior of this vehicle reflects the cool drama generated by its sculptural exterior design.

The boldness of the design, through the exquisite care of even the smallest of details (22" high resolution screens, LED lighting in the roof and clearance lamps, capacitive switches...) delivers maximum comfort for all the occupants.

i8 has a level floor that generates larger volume and more space between passengers, with optimum isolation of noise and vibration and offering individual

interior climate control, caressing and cosseting the passenger to give a unique experience; combining luxury and the Irizar personality.

The seats also reflect the aesthetics of the Irizar i8. While visual elegance is important, comfort, functionality and adaptability were also high on the priority of our designers. Jointly designed with one of the leading European companies in the sector, the seats are not only supremely comfortable, they also have three-point seatbelts, integrated screens, tables, coat-hooks, handles...



## The driver is our focus

### Feel the future in your hands

The driver is placed at the heart of the Irizar i8. The dashboard area is especially ergonomic and has been designed to deliver maximum driving satisfaction. The instruments and navigation screens have been strategically positioned to for visibility, and all the controls are user-friendly, located in the perfect place to be operated with ease. Handling of the systems has been radically improved by means of the joystick control, buttons for rapid access to menus and a colour touch-screen.

The modern functionality of the HMI (Human Machine Interface) stands out and the central console with its simple, rapid access menu (cameras, GPS, media, telephone, climate...), integrates all the electronic systems.

In addition, comfort for the driver at the controls of the Irizar i8 is improved further with the adjustable steering wheel and seat,

optimal visibility of the rear-view mirrors and full control of the driver's climate systems. The Irizar i8 looks after the driver with care, making work pleasure and creating a feeling of well-being that is repaid in comfort for all passengers.

#### **Irizar virtual cockpit**

For 2018, Irizar is introducing the new Irizar virtual cockpit, the virtual dashboard that offers innovative functions both in terms of technology and quality. The high-resolution 12.32" display has a dynamic and intuitive design and presents information in a complete and versatile manner. It allows the driver to interact with the vehicle and to constantly and quickly receive all the information they need for comfortable and safe driving.





## Technology of tomorrow

The technologies created by Irizar are aimed at resolving the challenges imposed by traffic conditions and the terrain and nature of modern roads. Also, they are aimed at providing a state of well-being and safety that creates with calm, enhancing the pleasure and enjoyment of the trip.

On a practical level, the interior and exterior full LED lighting, the multiplexed architecture and CAN communication protocol harmonise all the coach electronics, allowing diagnostics and data collection using the OBD connector, and providing the operator with intelligent systems. The AEB-LDW driving-aid systems are integrated by the touch-screen control, and HMI console, from which the entertainment and comfort systems are managed.

To provide a perfect travelling environment and passenger satisfaction, exclusive capacitive switches in the light diffuser and innovative air extraction systems in the roof and under the coach improve heating and demisting performance.



## Powerful personality

### Safe, reliable and comfortable

Ensuring as safe a journey as possible is central tenet of the design of all Irizar vehicles. As with all the other models of the brand, the Irizar i8 complies with the R/66.02 safety regulation and has the most modern systems for active safety, to guarantee stability and reduce risks in unforeseen circumstances.

The ESC (stability control) actively controls the engine torque and optimally distributes braking power to each wheel independently, to avoid losing control when manoeuvring abruptly on slippery surfaces. The Advanced Emergency Braking System, AEBS, identifies the need for applying maximum braking force and acts automatically, reducing braking distance. The Adaptive Cruise Control, ACC, is a huge boon in heavy traffic, constantly maintaining a safe distance from the vehicle in front, and capable of stopping the vehicle completely. The Lane Departure Warning system, LDW, detects involuntary lane departures and warns the driver by vibrating the driving seat.

In many situations, the behaviour of other road users is unpredictable, so it is reassuring to know that the Irizar i8 structure has been designed to offer resistance to roll, optimising weight distribution. Additionally, the integration of electronics into a single central console (HMI) and optimal visibility of the rear-view mirrors plays a fundamental part in delivering a ride with no surprises.

Tested under the most demanding conditions, the Irizar i8 is a sturdy, lightweight, quiet and reliable coach. It has been subjected to extreme fatigue tests and reliability tests in one of the most prestigious institutes of applied research, with excellent results.

In addition to introducing the most advanced technologies in design, materials, components, and production processes, the Irizar i8 has the ultimate in build quality, making it a completely safe and reliable coach.





## Maximum profitability

We're aware that fuel is a major cost for the operator, so Irizar has made great efforts in reducing consumption. The new generation of DAF Euro VI motors with reduced internal friction, modified fuel injection system and other refinements, return a significant reduction in fuel consumption.

The software of the automated 12-speed gearboxes fwhich choose the ideal gear, aerodynamics with a low coefficient of air friction from a narrower front with reduced less air intake area, the spare wheel cowling, saved weight by using high-tensile steels and alloy wheels, all contribute to the aim of making the Irizar i8 the most efficient coach in the luxury sector for fuel consumption.

With the concept of maximum profitability in mind, we have worked on the repair and maintenance costs. Service intervals have been extended, and i8 can be driven

for up to 100,000 kilometres without an oil change. We have also made great strides in reducing the cost of service parts and coachwork.

Furthermore, we can equip the coaches with the most advanced technology to enable exhaustive control and monitoring of costs and efficiency, which helps transport companies optimise the performance and profitability of every vehicle.

And of course, the service network continues to expand and offers an Irizar - authorised workshop within range of every operator. Our aim is to ensure that the residual value of the Irizar i8 will be high, so the return on investment will be attractive. Deciding to buy Irizar i8 is, without doubt, choosing to get great value.



## Versatility

The Irizar i8 follows the Irizar philosophy of offering buyers the highest level of personalisation. Four lengths, three types of washroom, new seats with two upholstery designs, options of 2+2 are available, along with 2+1 and 1+1 seating

thanks to the level floor, a variety of entertainment systems, and new interior fabrics in a huge range of colours and finishes. Summarising, Irizar's i8 can be customised to match all needs. You decide what you want. Irizar builds it.





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