

## Lamborghini unveils the Telemetry X concept at CES in Las Vegas

# An innovative prototype system comprising real-time remote coaching, biometric data sensing, and a digital co-pilot for the ultimate track-driving experience

Sant'Agata Bolognese/Las Vegas, 9 January 2023 - Automobili Lamborghini presents Telemetry X, an innovative 'track connectivity' concept that can be applied to the future range of super sports cars produced in Sant'Agata Bolognese. The unveiling took place at the Las Vegas Consumer Electronics Show (CES) at the Accenture Innovation Hub, where Stephan Winkelmann, Chairman and CEO of Automobili Lamborghini, commented: "Innovation is at the core of our DNA, as we have recently demonstrated with the Revuelto', a super sports car that is groundbreaking in every way, and the Lanzador fully-electric concept car. In the near future, our supercars will increasingly offer not just thrills but truly immersive driving experiences. Telemetry X is a perfect preview of the connected services our customers will be able to experience in the coming years."

The application of racing-derived digital technologies coincided with the 2020 debut of the Huracán STO, the first Lamborghini super sports car equipped with a telemetry system that can be used via the Unica app. With Telemetry X, Lamborghini anticipates a future immersive track driving experience based on the synergy of three systems developed in collaboration with Accenture: the Real Time Remote Garage (remote coaching), the Biometric Data System, and the Digital Co-Pilot.

"Telemetry X is a clear demonstration of how experience gained in motorsport can find applications for road-going super sports cars, with the aim of maximizing our customers' experience on the track as well," commented Rouven Mohr, Lamborghini Chief Technical Officer. It's no coincidence that we chose the Revuelto as the testbed for this technological demonstrator, a car that is totally unique precisely because of the introduction of breakthrough technologies."

The Remote Garage is a web application that, thanks to 5G technology, enables drivers to have real-time video recordings of their on-track performance and telemetry available at all times. Images and data can be monitored live by a coach, who can be anywhere in the world, to give the customer-driver feedback and suggestions not only after but also during the driving session. Thus the Remote Garage philosophy is to provide an even more complete and engaging track experience while enhancing the driver's performance, ensuring fun driving based on a user-friendly approach.

The Biometric Data System captures certain of the driver's biometric data, including heart rate and stress level, to allow more in-depth performance monitoring and provide useful references on how they can refine their training.

Both systems work in synergy with the Digital Co-Pilot, the proactive voice assistant that compares both biometric and vehicle data to give feedback to the pilot while driving on the track. For

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<sup>&</sup>lt;sup>1</sup> Consumption and emission values of Revuelto; Fuel consumption combined: 10,3 l/100km (WLTP); Power consumption combined: 78,1 kWh/100 Km (WLTP); CO2-emissions combined: 276 g/km (WLTP).



# Media Information

example, the Digital Co-Pilot analyzes lap times and provides useful pointers for improving racing lines and braking points, as well as information on the performance of the car on the track.

Photos and videos: media.lamborghini.com

Information on Automobili Lamborghini: www.lamborghini.com























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