



Real and virtual always in view

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The Macan is equipped with the latest-generation display and operating concept with up to three screens, including the free-standing 12.6-inch, curved-design instrument cluster and the 10.9-inch central display. For the first time, the passenger can also view information, adjust settings on the infotainment system or stream video content while the car is being driven via their own optional 10.9-inch screen.

The 12.6-inch, fully digital and free-standing curved display is positioned directly in the driver's line of sight. As usual with Porsche, this screen forms the highest point of the dashboard. A central assistance screen simplifies the operation of the driver assistance systems and supports the driver with a large display. Using the steering wheel control, the driver can customise the display of the instrument cluster and the optional AR head-up display.

The central display of the Porsche Communication Management (PCM) system is a high-resolution, 10.9-inch touch display in full HD quality. Like on a smartphone, the driver can customise the positioning of their favourite apps for quick access. The optional passenger display also has a diagonal

measurement of 10.9 inches. The passenger can adjust settings for infotainment or navigation, browse through media apps or stream video content. This is even possible while the car is being driven. Thanks to special display technology, this display cannot be seen from the driver's seat.

Large-scale: the head-up display with augmented reality

For the first time at Porsche, a head-up display with augmented reality (AR) technology is available. Colour AR content is projected almost seamlessly into real-world surroundings with pinpoint accuracy. For example, navigation arrows are displayed in the correct turn lane. The system uses both environmental data and the position of the car to achieve this. This also supports the functions of some driver assistance systems, such as activated Adaptive Cruise Control, where the selected distance to the vehicle in front is virtually laid over the road in a carpet of dots. Warnings from the driver assistance systems can also be displayed in the AR area. This allows the driver to register notifications and information more quickly and further reduces the risk of distraction. The image of the head-up display appears to the driver at a distance of 10 m and corresponds to the size of an 87-inch display. This makes the head-up display one of the largest currently available on the market. In the status area under the AR display, speed, traffic signs and assistance and navigation symbols are displayed statically.

Intuitively displayed in colour: the communication light

The Macan comes as standard with ambient lighting featuring a communication light. In the front area of the interior there is a light strip with 56 LEDs running across the instrument panel from one door panel to the other. This colourful animated strip visualises various vehicle states, such as the charging process, and greets passengers as they board with a light display. Characteristic Porsche features such as Launch Control or the change of drive modes are highlighted with a flourish. The communication light also works with some driver assistance systems, such as Lane Change Assist, and can provide location-based warnings. Danger is indicated to the driver, for example, by a pulsating strip of light on the door if opened when a cyclist is approaching from behind.

Faster and smarter: the voice assistant

The standard Porsche Communication Management (PCM) in the new Macan takes computing performance to a new level. This also applies to the voice assistant, which responds with lightning speed to the command 'Hey Porsche'. It also cooperates with the communication light. Using two microphones, the system recognises who is talking and visually displays this on the central screen as well as via a light sequence in the communication light. If the driver and passenger talk over each other, there's no confusion: the system simply focuses on who spoke first. With the addition of Turkish, Czech, Hungarian, Portuguese, Taiwanese and Cantonese, the language assistant now understands six more languages than before. There are now 23 languages available in total. At the same time, the voice assistant has become even more intelligent. It helps the driver find specific parking and charging

options, and controls music playback as well as vehicle and comfort functions.

High-performance and easy to use: new operating system and range of apps

The new infotainment generation uses Android Automotive OS as its operating system and boots up in the background as soon as the driver approaches with the key. Vehicle and infotainment functions are therefore directly available and can be operated quickly and smoothly. Porsche has fundamentally revamped the range of connectivity capabilities in the Macan. Thanks to the new operating system, digital content meshes even more seamlessly with the vehicle. The new hub for connectivity services is the Porsche App Centre. It is constantly evolving and keeps the Macan up to date throughout its lifecycle. In the Porsche App Centre, drivers and passengers can directly install and use their favourite third-party apps just as they can on their smartphones. When the Macan launches, a variety of apps of different categories will be available and the range will be constantly expanded. In European markets, this includes music services such as Spotify, Amazon Music and TuneIn Radio, the YouTube streaming platform, the Cisco WebEx conference system as well as the Home Assistant smart home app and various games.

The smartphone integration of Apple CarPlay and Android Auto has also been further developed: when using Apple CarPlay, Apple's map is displayed in the instrument cluster, as is Google Maps in Android Auto. Many functions of the optional Sport Chrono package can be operated via the Sport Chrono app integrated into the PCM in the central display. This includes recording lap times and telemetry data, adding new tracks and section and lap analysis.

In the navigation app, monthly map updates as well as the updating of relevant map data for route calculation ensure a high-quality customer experience. If the customer is not in the car at the time, they can also plan and send the route to the vehicle from wherever they are via the My Porsche app.

Intelligent charging planning for fast, efficient travel

Whenever route navigation is active, the Charging Planner uses intelligent charging planning with optimal charging stops to help you travel in a relaxed fashion and without wasting time, even on long journeys. First, the navigation system calculates the quickest or shortest route using real-time traffic information. If the battery state of charge is not sufficient for arrival at the destination at current consumption levels, the Charging Planner automatically plans the necessary charging stops along the route. The Charging Planner takes into account the charging capacity available at charging stations and the resulting charging time is calculated to achieve the optimal fast-charging option. To fully utilise the charging capacity available, the system also regulates the battery preconditioning in advance of the charging stop.

The online functionality required for the Charging Planner is included for 10 years as part of the Porsche

Connect Package. The Charging Planner can also suggest charging stops offline thanks to the locally stored database entries.

MEDIA ENQUIRIES



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Consumption data

Macan Electric Models

Fuel consumption / Emissions

WLTP*

Electric power consumption* combined (WLTP) 21.1 – 17.9 kWh/100 km

CO emissions* combined (WLTP) 0 g/km

CO2 class A Class

Macan Turbo Electric

Fuel consumption / Emissions

WLTP*

Electric power consumption* combined (WLTP) 20.7 – 18.8 kWh/100 km

CO emissions* combined (WLTP) 0 g/km

CO2 class A Class

Macan 4 Electric

Fuel consumption / Emissions

WLTP*

Electric power consumption* combined (WLTP) 21.1 – 17.9 kWh/100 km

CO emissions* combined (WLTP) 0 g/km

CO2 class A Class

*Further information on the official fuel consumption and the official specific CO emissions of new passenger cars can be found in the "Leitfaden über den Kraftstoffverbrauch, die CO-Emissionen und den Stromverbrauch neuer Personenkraftwagen" (Fuel Consumption, CO Emissions and Electricity Consumption Guide for New Passenger Cars), which is available free of charge at all sales outlets and from DAT (Deutsche Automobil Treuhand GmbH, Helmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen, www.dat.de).

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<https://newsroom.porsche.com/en/press-kits/Der-neue-Macan-4-und-Macan-Turbo/Porsche-Driver-Experience-und-Konnektivität.html>

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