

ALPINE

PRESS KIT

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# ALPINE IS BACK

## A110, THE COMPACT AND AGILE FRENCH SPORTS CAR



One year after the presentation of the Alpine Vision show car, Alpine revealed today at the Geneva Motor Show its production car: the new A110.

Combining the timeless Alpine principles of compact size, lightweight and agility, this mid-engined two-seat sports coupe is true to the spirit of its predecessors and in particular the A110 'Berlinette'. The new car will be built in the Alpine factory in Dieppe and deliveries will start late 2017 in Continental Europe. Deliveries in the UK and Japan will start in 2018.

Alpine is back to claim its position in the sports car segment, with only one promise: driving pleasure.

# A CAR DESIGNED FOR AGILITY

## A compact and lightweight sports car

The A110's aluminium platform and body are bonded, riveted and welded to provide an exceptionally rigid yet light structure.

The A110 is ultra-light at only 1080 kg kerb weight (excluding options). Its compact size (4178mm long, 1798mm wide and 1252mm high), optimal weight distribution (44% front/ 56% rear) and low centre of gravity are all dedicated to agility – especially on the type of winding mountain road that made Alpine's reputation back in the 60s and 70s.

Alpine's mass is also concentrated around the centre of the car, with the fuel tank behind the front axle and the engine in front of the rear axle, enabling the driver to feel at one with the car.

## Excellent power-to-weight ratio

The A110 is equipped with a new 1.8l 4-cylinder turbocharged engine developed by the Renault-Nissan Alliance. Alpine's engineers, together with Renault Sport, have customized this engine for Alpine, with specific air intake, turbocharger, exhaust system and engine tune. The engine has a maximum power output of 185kW/252PS and maximum torque of 320Nm. Combined with the low kerb weight of only 1080kgs, the A110's excellent power-to-weight ratio of 4.3 kg/PS (233PS/t) enables the car to accelerate from 0 to 100 km/h in only 4.5 seconds.

The engine is mated to a Getrag 7-speed wet-clutch DCT gearbox, with gear ratios specifically developed for Alpine to ensure optimal performance at all times.

Aided by intensive use of fluid dynamics simulation, the lightweight, single exit active sports exhaust system in the A110 has been developed for performance and sound quality.

The A110 has three driver modes (Normal, Sport, Track) in which the engine and gearbox settings, steering, ESC, exhaust note and driver display are adapted to suit the driving conditions (and the driver's mood).

## **RACING-INSPIRED AERODYNAMICS**

A flat floor worthy of a race car, tried and tested in the wind tunnel.

In search of a combination of sleek lines and excellent performance, Alpine's engineers turned to the world of race cars and supercars to optimize the aerodynamics of the A110. With a completely flat floor and functional diffuser under the rear bumper, the A110 combines low drag with significant downforce.

This allows the A110 to reach an electronically limited 250km/h top speed, while retaining a smooth 'Alpine' profile - without the need for a rear spoiler.

Air inlets in the front bumper create a curtain along the front wheel wells, improving air flow around the front wheels and hence reducing drag.

With a Cx value of only 0.32, the A110's drag is among the lowest in the sports car segment.

## **A MODERN DESIGN, TRUE TO ITS HERITAGE**

The A110 is highly modern yet immediately recognizable as an Alpine. It combines modern design language, materials and technologies with the efficiency of size, shape and profile that marked the original A110 Berlinette.

At the front, four independent full LED daytime running lights and the bonnet's central 'spine' clearly show Alpine's DNA.

The side profile shows the design's efficiency – bodywork wrapped tightly around the technical parts to minimize footprint and maximize performance.

At the rear, 'X' shaped LED tail lights with dynamic turn indicators give the car a highly modern look, while the sloping, wrap-around rear screen reminds us of Alpine's past models.

Inside the A110 minimalist, lightweight design merges with a welcoming, comfortable driving position. Top quality materials – smooth natural-grain leather, structural aluminium, carbon fibre – ensure a rewarding driver and passenger experience.

## PERFORMANCE AND COMFORT – EVERY DAY

The light weight of the A110, combined with double wishbones front and rear, provide a rare combination - excellent handling and performance while at the same time offering great ride comfort and daily usability.

Access and egress are designed to be easy, even in everyday use. Driver and passenger space will accommodate (almost) all shapes and sizes.

In short, the A110 is as at home in everyday driving as it is on the track.

## THE BEST COMPONENTS FROM THE BEST IN THE BUSINESS

In developing the A110, Alpine's engineers and designers identified the best suppliers to ensure the best performance, fit & finish. Some examples:

- Brembo developed the A110's all-aluminium brake calipers. The rear braking system, specific to Alpine, features an integrated parking brake actuator, a world first, allowing to save 2,5 kg.
- Otto Fuchs provided the 18-inch lightweight forged aluminium wheels on the A110, saving additional weight and offering a beautiful 'open' look
- Sabelt developed one-piece bucket seats that weigh just 13.1kgs each, with no compromise on comfort.

## A110 PREMIERE EDITION SPECIFICATIONS

The Alpine A110 Première Edition is a numbered, limited edition production run of 1,955 cars. 1,955 refers to the year that Jean Redele launched Alpine.

The Première Edition is richly equipped including:

- Alpine Blue, Noir Profond (black) or Blanc Solaire (white) paint
- 18-inch Otto Fuchs forged aluminium wheels, with matt black diamond turned finish specific to Première Edition
- Three driver modes with 'Normal', 'Sport' and 'Track' settings
- Sports braking system with calipers incorporating integrated parking brake and dual-material brake discs with aluminium hub
- Active lightweight sports exhaust
- Alpine-tuned Focal audio system
- Matte carbon fibre interior accents
- Brushed aluminium pedals
- Quilted smooth natural-grain leather Sabelt one-piece sports seats

- ‘Tricolore’ blue, white and red badging inside and outside
- ...and a numbered ‘Première Edition’ plaque on the centre console.

In 2018, after the production run of Première Edition is completed, several A110 trim levels will be available, supplemented by a wide range of personalization options.

## **A110 PREMIERE EDITION PRICING**

Alpine has set its tentative recommended retail price for the Première Edition at

- 58,500 Euros TTC (VAT included) in France
- 64,000 Swiss Francs (VAT included) in Switzerland.

Final prices will be confirmed at the start of formal orders in mid-2017.

## **A110 PREMIERE EDITION AVAILABILITY**

Alpine opened reservations for its A110 Première Edition in December 2016 through the dedicated Alpine mobile App. All available left hand drive Première Edition cars were reserved in 5 days.

A small number of right hand drive cars remains for the United Kingdom market (deliveries will start in 2018), and reservations for the Japanese market will commence in the coming weeks.

The Alpine App remains open for reservations of the A110 production model that will be produced in 2018 after the deliveries of the A110 Première Edition are completed.

## **DESIGNED IN FRANCE, MADE IN FRANCE**

The A110 has been designed and engineered in France, in Groupe Renault’s Technocentre in Guyancourt and in Renault Sport’s engineering centre in Les Ulis.

All A110s will be manufactured in the Alpine factory in Dieppe – its historical and spiritual home.

The Dieppe factory was built in 1969 by Jean Redele, and it was here that all generations of Alpines were built since then. Since Alpine production halted in the 90s, The Dieppe factory has been building Renault Sport and other niche models of the Renault Group such as the Clio V6, the Espace and currently the Clio RS.

Additionally, the Dieppe factory assembles many of Renault's customer racing cars such as the Formula Renault 2.0.

Dieppe's experienced specialist staff have all the expertise needed to build an excellent sports car. The factory is completing a multi-million Euro investment including a highly automated new body assembly facility dedicated to the A110's all-aluminium platform and body.

## **A DEDICATED ALPINE DEALER NETWORK**

Deliveries of the new Alpine A110 will commence late 2017 in the following countries:

- Austria
- Belgium
- France
- Germany
- Italy
- Luxembourg
- The Netherlands
- Poland
- Portugal
- Spain
- Switzerland

Deliveries in the United Kingdom and Japan (RHD) will commence in 2018.

A network of around 60 dedicated Alpine showrooms will open before A110 deliveries commence, managed by dealers selected from the best of Groupe Renault's existing partners. Dedicated Alpine advisors will ensure that the Alpine customers will be served by people as knowledgeable and passionate about Alpine as they are themselves. The first Alpine showroom will open late March 2017 in Boulogne-Billancourt, Paris.

## ALPINE KEY DATES

1955 : Creation of « Société des Automobiles Alpine ». Launch of the A106

1962 : Alpine A110

1971 : 1st victory at the Monte Carlo rally

1973 : Alpine wins International Championship for manufacturers. Acquired by Groupe Renault

1976 : Alpine A310 V6

1978 : Alpine wins Le Mans

1985 : Alpine GTA

1991 : Alpine A610

1995 : Alpine production discontinued

2012 : Announcement of an Alpine car project

2015 : Presentation of Alpine Célébration at Le Mans

2016 : Alpine relaunch announced and presentation of Alpine Vision

## Technical data – A110 Première Edition

	A110 Première Edition
Year :	2017
Fuel type :	Petrol
Recommended Retail Price France incl. VAT (provisional) :	58 500 €
Engine type :	1.8L 4cyl. 16v
Maximum power :	252PS @ 6000tr/min
Maximum torque :	320 Nm
Architecture	Mid Engine, rear-wheel drive
Gearbox type :	7 speeds DCT, wet clutch
Unladen weight (DIN)	1103 kg
Power-to-weight ratio	228PS/tonne
Dimensions	4178/1798/1252 mm (L/l/h)
Wheelbase	2419 mm
Track width, front	1556 mm
Track width, rear	1553 mm
Chassis front axle rear axle	Double wishbone Double wishbone
Brake front rear	4 piston fixed caliper 320 mm single piston floating caliper 320 mm
Aero	Cd*A: 0.621 m <sup>2</sup> Cd: 0.32
Fuel tank :	45 l
Boot capacity	100 l rear 96 l front
Wheels and tyres	205/40R18 (front) - 235/40R18 (rear)
Top speed* :	250 km/h



0 to 100kph :	4.5 s
Fuel consumption (combined NEDC):**	6.2 l/100km
CO2 **:	<140 g CO2/km

\* Electronically limited

\*\*subject to official confirmation