

# 209 series



(By MaedaAkihiko - [CC BY-SA 4.0](#))

## Introducing

The 209 series (209系電車, 209 Keidensha) is a type of Japanese DC multiple unit operated by the East Japan Railway Company (JR East), which appeared at the end of 1992 and currently operates mainly on Tokyo's outer suburban lines.

They were originally intended to operate on the Keihin Tohoku and Negishi lines, to replace the 103 series old trainsets, which were taken over from the Japanese National Railways (JNR) (discontinued in 1987) in large quantities and deteriorated through heavy use, and partly to increase the line's transport capacity.

([Wikipedia](#))

## Console detail



On the left is the brake level, with the emergency brake indicator "□□".

Next, At the top are several indicators:

- 3-phases (□□ )
- Emergency short-circuit (□□□□ )
- Snow resistant brakes (□□□□□□ )
- Safety Brakes (□□□□ )

Below, on the left, is the dial showing brake cylinder pressure (black arrow) and compressed air reservoir pressure (red arrow), as well as the dead man reset switch, and, on the right, the speed dial.

Then, on the right, we have the emergency stop, as well as the lock indicator and the pocket watch. For details of the screen on the right, consult the [MON/TIMS/INTEROS screen](#) page.

On the far right, you'll find the safety radio equipment, as well as the ATS-P indicators and 2 other indicators:

- Group 1 failure (1□□□ )
- Group 2 failure (2□□□ )

## Availability

This model is available on these lines:

- [Narita line](#) (209-2100 version)
- [Kashima line](#) (209-2100 version)