

E235 series



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

Introducing

The E235 series (E235系, E235-kei) (E235系電車 /E235 Keidensha) is a type of self-propelled trainset operated by the East Japan Railway Company (JR East) in Greater Tokyo.

The E235 series was unveiled by JR East in July 2014³ as the replacement for the E231-500 series on the Yamanote line. The first trainset entered commercial service on November 30, 2015, but was withdrawn the following day following various technical problems⁴. After several weeks of additional testing, it returned to commercial service on March 7, 2016. The remaining 49 trainsets will be introduced between 2017 and 2020.

([Wikipedia](#))

Console detail

Apart from the pocket watch and the door-closing indicator in the center of the console, there are 2 displays.



The first display shows in the bottom area:

- Brake level, with emergency brake indicator "□□".
- Brake cylinder pressure (black arrow) and main air reservoir pressure (red arrow). Note that if this falls below the red zone (780kPa), the compressor starts up.
- Speed dial, with limit indicator (green arrow) and the "pattern approach" (□□□□□□) indicator.

The upper part contains the electrical voltages and various indicators:

<ul style="list-style-type: none"> • Top-left: <ul style="list-style-type: none"> ◦ 3-phase (□□) ◦ Emergency short-circuit (□□□□) ◦ Snow resistant brakes (□□□□□□) ◦ Safety Brakes (□□□□) ◦ Cruise control (□□) ◦ Parking brakes (□□□□□□) ◦ Inching in progress (□□□□□□□□) 	<ul style="list-style-type: none"> • Top-right : <ul style="list-style-type: none"> ◦ Digital ATC (□□□□ ATC) ◦ ATC ◦ Off (□) ◦ Pattern reduction (□□□□□□) ◦ Emergency operation (□□□□)
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| <ul style="list-style-type: none"> • Bottom-left, first line : <ul style="list-style-type: none"> ◦ TASC power supply (TASC □□) ◦ TASC pattern (TASC □□□□) ◦ TASC brakes (TASC □□□□) ◦ TASC off (TASC □) ◦ TASC failure (TASC □□) • Second line : <ul style="list-style-type: none"> ◦ Home position (□□□) ◦ Vehicle doors closed (□□□□□□) ◦ Platform doors closed (□□□□□□□) ◦ Platform doors linkage (□□□□□□□) ◦ Platform doors separation (□□□□□□□) | <ul style="list-style-type: none"> • Bottom-right : <ul style="list-style-type: none"> ◦ ATC normal (ATC□□) ◦ ATC emergency (ATC□□) ◦ Train stop operation (□□□□□□) ◦ ATC power supply (ATC□□) ◦ ATC release (ATC□□) |
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Consult the [MON/TIMS/INTEROS screen](#) page for more details about the INTEROS screen.

Availability

This model is available on these lines:

- [Yamanote line](#) (E235-0 version)

Révision #2

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