E235 series



(By MaedaAkihiko - CC BY-SA 4.0)

Introducing

The E235 series (E235□ , E235-kei)□ E235□□□□□ /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 The first trainset entered commercial service on November 30, 2015, but was withdrawn the following day following various technical problems4.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:

- Top-left:
  - 3-phase (□□)
  - Emergency short-circuit (□□□□)
  - Snow resistant brakes (□□□□□□)
  - Safety Brakes (□□□□)
  - Cruise control (□□)
  - Parking brakes (□□□□□□)
  - Inching in progress (□□□□□□□□)

- Top-right :
  - Digital ATC (□□□□ ATC)
  - ATC
  - Off (□)
  - Pattern reduction (□□□□□□)
  - Emergency operation (□□□□)

• Bottom-left, first line : ◦ TASC power supply (TASC □□) ◦ TASC pattern (TASC □□□□) ◦ TASC brakes (TASC □□□□) ◦ TASC off (TASC □) ◦ TASC failure (TASC □□) • Second line : ◦ Home position (□□□) ◦ Vehicle doors closed (□□□□□□) ◦ Platform doors closed (□□□□□□□) ◦ Platform doors linkage (□□□□□□□) ◦ Platform doors separation (□□□□□□□)	• Bottom-right : ◦ ATC normal (ATC□□) ◦ ATC emergency (ATC□□) ◦ Train stop operation (□□□□□□) ◦ ATC power supply (ATC□□) ◦ ATC release (ATC□□)

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)

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