E721 series



(By MaedaAkihiko - CC BY-SA 4.0)

Introducing

The E721 series (E721□ , E721-kei) is a type of electric multiple unit operated by JR East, as well as the private companies AbukumaExpress, Aoimori Railway and Sendai Airport Transit.

The E721 series was manufactured by Kawasaki Heavy Industries and Tokyu Car Corporation / J-TREC. There are three sub-series: the two-car sub-series E721-0, the two-car sub-series E721-500 dedicated to Sendai Airport Transit, and the four-car sub-series E721-1000. A total of 67 examples were built.

(Wikipedia)

Console detail



On the left-hand side of the console, you'll find:

- At the top, various indicators. In this order:
  1. Emergency short circuit (□□□□)
  2. ATS power supply (ATS□□)
  3. ATS operation (ATS□□)
  4. Snow resistant brakes (□□□□□□)
  5. Safety Brakes (□□□□)
  6. Cruise control (□□)
- Below is the ATS-P/Ps panel
- Bottom left, brake level (with emergency brake indicator in red and speed limitation indicator in yellow)
- Then the brake cylinder pressure (black arrow) and compressed air main reservoir pressure (red arrow) dial
- Then the speed dial
- And finally, the door-closing indicator and pocket watch.

Note that above the console, on the left, there are dials for supply voltage (in kV) and internal voltage (in V).

TIMS screen



The line information screen contains the following information:

- Current time, current speed and distance travelled
- The ID and name of the current screen, as well as the status of the circuit breaker (VCB): closed (□□) or open (□□)
- Train information: train number (3831M), train type (Rapid 8 - □□ 8), route (Sendai □□ -> Yamagata □□)
- The name of the station and the next 2. If it's a through station, there will be a down arrow (otherwise, it's stop □□). On the right, a reminder of the type of train and the destination.
- The name of the next station to stop at (□□□□).
- The indicator at the top/bottom of each car shows whether the left/right doors are open (yellow) or not. Cars can take 2 colors: blue (engines are running) or yellow (brakes are running).

Availability

This model is available on these lines:

- Senzan line (E721-1000 serie)

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