Yamanote Line



Introducing

The Yamanote Line runs in a circle around the center of Tokyo for 34.5 km, taking 59 minutes, and is one of the major lines in the Tokyo metropolitan area, connecting huge terminal stations with world-class passengers. It runs parallel to the Keihin Tohoku Line between Shinagawa and Tabata stations, and the Saikyo Line and Shonan Shinjuku Line between Ikebukuro and Osaki stations.

Since most of the line runs parallel to other lines, many different types of rolling stock can be seen. The Yamanote Line has few level crossings, with only one crossing, the "Daini-Nakazato Level Crossing" between Tabata and Komagome Stations, the only crossing on the Yamanote Line.

The line is also characterized by its high frequency of service, with trains running every 3 to 4 minutes during the morning rush hour on weekdays, and every 5 minutes during the daytime on weekdays. Digital ATC is used as the security system.

Key data

- Line length: 34.5 km

- Number of stations: 29
- Safety system: D-ATC
- Train model: E235-0 series (11 cars)
- Max speed: 90 km/h
- Routes:
  - Ōsaki□ Ōsaki (1208G): Local train - 29 stations - 34.5 km
  - Ōsaki□ Ōsaki (876G): Local train - 29 stations - 34.5 km
- Automatic announcements: No
- Conductor announcements: Yes
- Driver announcement (pointing-and-calling): No

Features

Kanda station is the only one to have his station melody.

Akihabara station does not have TASC. So you have to make a stop by hand.

Since the safety system is the D-ATC, the warning lights must be ignored and the Max Speed / Next Limit indicators are empty.

TASC - Train Automatic Stopping Controller

As this line is equipped with landing doors, the margin of error for stopping is +/- 35cm, whatever the setting. However, as TASC data is available, it is possible to use TASC and the slow advance/inching function to make an automatic stop.

To do this, press "T" at the very beginning to activate TASC (deactivated by default). Then, when you arrive at the station, all you need to do is be at ~50km/h or less when you get within ~150m of the stop for TASC to activate and make the stop automatically.

If, for any reason, the train stops outside this limit, you can activate slow advance/inching using "I" key to advance/reverse at 2km/h max. to position yourself correctly. Once you're within the margin, TASC will take over to stop the train.

Stations list

Station name	Japanese name	Distance
Ōsaki	□□	0.0
Shinagawa	□□	2.0

Tamachi	□□	4.2
Hamamatsuchō	□□□	5.7
Shimbashi	□□	6.9
Yūrakuchō	□□□	8.0
Tokyo	□□	8.8
Kanda	□□	10.1
Akihabara	□□□	10.8
Okachimachi	□□□	11.8
Ueno	□□	12.4
Uguisudani	□□	13.5
Nippori	□□□	14.6
Nishi-Nippori	□□□□	15.1
Tabata	□□	15.9
Komagome	□□	17.5
Sugamo	□□	18.2
Ōtsuka	□□	19.3
Ikebukuro	□□	21.1
Mejiro	□□	22.3
Takadanobaba	□□□□	23.2
Shin-Ōkubo	□□□□	24.6
Shinjuku	□□	25.9
Yoyogi	□□□	26.6

Harajuku	□□	28.1
Shibuya	□□	29.3
Ebisu	□□□	30.9
Meguro	□□	32.4
Gotanda	□□□	33.6
Ōsaki	□□	34.5

Movie

https://www.youtube.com/embed/alsshzKhzF4?si=krBAetw1-SJu0EbZ

Useful links

Wikipedia: https://en.wikipedia.org/wiki/Yamanote_Line

Driver's guide and timetables: https://docs.google.com/spreadsheets/d/11EzIt2dOjwZ_V4Ec4HMRwgWNXQFLfG9sTFj_pgl0Dko/edit#gid=119399473

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