

List of JR-West's Signaling System

As of April 1, 2023

Train Line	Section	Classification	Year of launch	Notes
Oito Line	[Minami-Otari]~[Itogawa]	SRC	2006	
Takayama Line	Inotani~[Toyama]	SRC	2018	
Johana Line	Takaoka~Johana	SRC	2001	
Himi Line	[Takaoka]~Himi			
Nanao Line	[Tsubata]~[Wakuraonsen]	SRC	2012	
Hokuriku Line	[Omi-Shiotsu]~[Kanazawa]	PRC	2016	
Obama Line	[Tsuruga]~[Higashi-Maizuru]	SRC	2022	
San-in Line (Sagano Line)	[Kyoto]~[Funaoka]	SRC	2007	
Nara Line	[Kizu]~[Kyoto]	SRC	2011	
Kosei Line	[Yamashina]~[Omi-Shiotsu]	Traffic control system	2018	
Tokaido・San-yo Line	Kusatsu~Nishi-Akashi		2002	scheduled to renovate train operation management system in 2024
Hokuriku・Biwako Line	Omi-Shiotsu~[Kusatsu]		2006	
San-yo Line	[Nishi-Akashi]~[Aioi]			
San-yo Line	Aioi~[Mitsuishi]			
Ako Line	[Aioi]~Nishihama			
Fukuchiyama Line (JR Takarazuka Line)	[Amagasaki]~[Hirono]	Traffic control system	2010	
JR Tozai Line	[Kyobashi]~[Amagasaki]			
Katamachi Line (Gakkentoshi Line)	[Kizu]~Kyobashi	Traffic control system	2018	
Osaka Higashi Line	[Shinosaka]~Hanaten			
Osaka Loop Line	Osaka~Taisho~Osaka	Traffic control system	2009	
Kansai Line (Yamatoji Line)	Kamo~JR-Namba			
Sakurajima Line	Nishikujo~Sakurajima			
Osaka Higashi Line	[Hanaten]~Kyuhoji			
Katamachi Line:feeder line	Syogakuji (signal)~Hirano			
Hanwa Line	Tennoji~[Wakayama]	Traffic control system	2013	
Kansai Line	[Kameyama]~[Kamo]	CTC	1982	
Kusatsu Line	Tsuge~[Kusatsu]	CTC	1979	
Kansai-airport Line	[Hineno]~Kansai-airport	PRC	2016	
Sakurai Line	[Nara]~Takada	SRC	2007	
Wakayama Line	[Oji]~Gojo			
Kakogawa Line	Kakogawa~Tanikawa	SRC	2004	
Kishin Line	[Himeji]~Kozuki	SRC	2009	
Wakayama Line	[Gojo]~[Wakayama]	SRC	2012	
Kisei Line	[Shingu]~[Wakayama]			
Fukuchiyama Line	Hirono~[Fukuchiyama]	SRC	2016	
San-in Line	Funaoka~[Fukuchiyama]	SRC	1996	
Maizuru Line	[Ayabe]~Higashi-Maizuru			
San-in Line	[Fukuchiyama]~[Higashihama]	SRC	2002	
Bantan Line	[Himeji]~Wadayama	SRC	2013	
Hakubi Line	[Kurashiki]~[Kamiiwami]	SRC	2002	
Ako Line	[Nishihama]~[Higashi-Okayama]	PRC	2016	
San-yo Line	Mitsuishi~[Mihara]			
Kibi Line	[Okayama]~[Soja]	CTC	2015	
Uno Line	[Okayama]~Uno	SRC	2001	scheduled to renovate SRC in 2023
Honshi-bisa Line	[Chayamachi]~Kojima			
Tsuyama Line	[Okayama]~[Tsuyama]	SRC	2020	
Fukuen Line	[Fukuyama]~Fuchu	CTC	1998	scheduled to change into SRC in 2023
Imbi Line	[Chizu]~Higashi-Tsuyama	SRC	2020	
San-in Line	Hoki-Daisen~Nishi-Izumo	SRC	2022	
Hakubi Line	Kamiiwami~[Hoki-Daisen]			
San-in Line	Higashihama~[Hoki-Daisen]	SRC	2017	
San-in Line	[Nishi-Izumo]~Hamada			
San-in Line	[Hamada]~Masuda	SRC	2022	
Imbi Line	[Tottori]~[Chizu]			
Kisuki Line	[Shinji]~[Bingo-Ochiai]	CTC	2001	scheduled to renovate CTC in 2024
San-in Line	[Masuda]~[Hatabu]	CTC	2017	
Gantoku Line	[Iwakuni]~[Kushigahama]	CTC	2019	
San-yo Line	Mihara~[Shimonoseki]	PRC	2003	scheduled to renovate SRC in 2025
Kabe Line	[Yokogawa]~Aki-Kameyama	SRC	2016	
Kure Line	[Mihara]~[Kaitaichi]	SRC	2018	
Geibi Line	[Bitchu-Kojiro]~[Hiroshima]	SRC	2010	
Fukuen Line	[Fuchu]~[Shiomachi]			
Yamaguchi Line	[Shin-Yamaguchi]~[Masuda]	SRC	2016	
Ube Line	[Shin-Yamaguchi]~[Ube]	CTC	2022	
Onoda Line	Ino~Onoda			
Mine Line	[Asa]~[Nagatoshi]	CTC	2022	

nt about JR-West' s signaling system

◆Centralized Traffic Control (CTC)

This system consolidates and displays the position of trains on the tracks, the operational status of signals, train numbers and other information in a central control room. Points and signals at each station are then remotely controlled from the control room.

◆Small Scale Route Control (SRC)

This system provides automatic control via computer of train routes; it is used primarily on single track sections.

◆Programmed Route Control (PRC)

PRC provides automatic control of train routes and includes functions for computerized management of time tables for extra trains, etc. It is used primarily on urban sections of track with multiple lines.

◆Traffic Control System

This system adds an automatic passenger guidance system to PRC and conducts high-speed processing to accommodate track sections with high train density.