

Japanese Level Crossing Control system

Contributes for safety operation by producing seeking safety and reliability of level crossing gate devices

System image of Level Crossing Control system

Level Crossing Alarm



Level Crossing Alarm contains Alarm Lights, Train Direction Indicator, speaker and Cross Mark with a pole. It indicates there is a level crossing and alerts car drivers and pedestrians the train approaches.

Track Circuit Devices

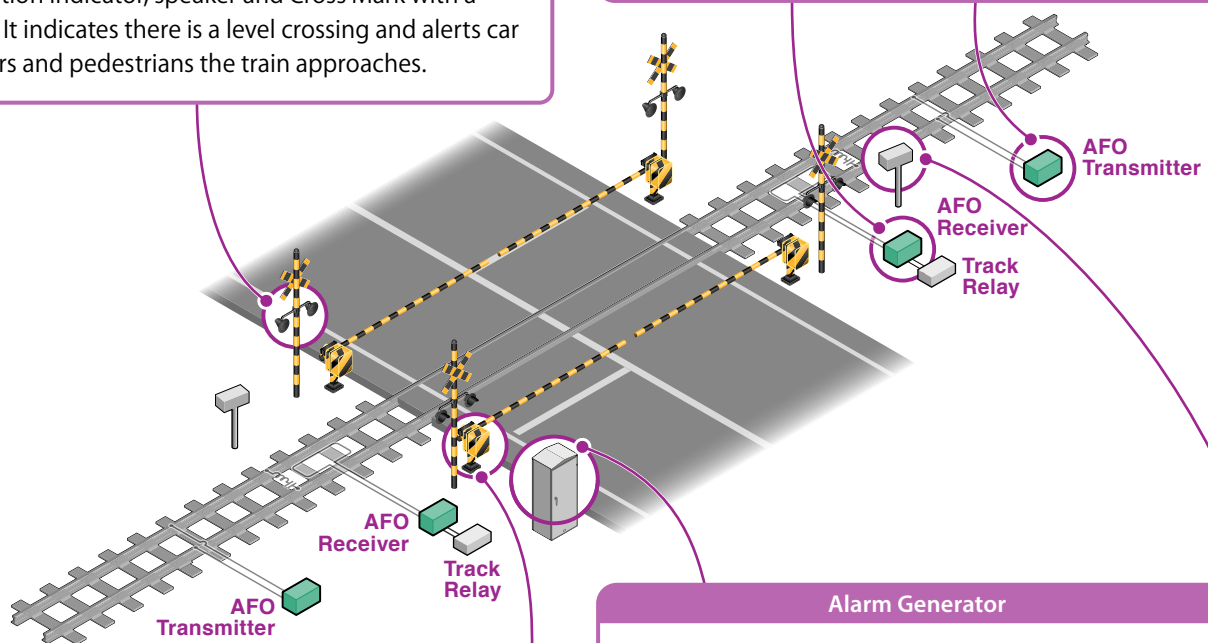
AFO Receiver



AFO Transmitter



AFO Transmitter & Receiver are products of Track Circuit. The combination with one Transmitter and multi Receivers forms several train detection areas. These devices detect train approaches and serve the information to the other devices.



Alarm Generator



Alarm Generator outputs alarm sounds to speaker and control Alarm Lights when it receives train approach information.

Level Crossing Gate



Level Crossing Gate plays an important role to ensure the safety of level crossing. Railway operators make selection about installation type (pole mounting/stand-alone), operation voltage (AC/DC) and blackout operation (stop-at-that-position/release).

Level Crossing Obstacle Detector Device



Level Crossing Obstacle Detection Device detects obstructions, such as cars, left behind within a level crossing, using optical beams.