

"PaXando a nivel": bringing level crossing safety closer to the public aims to encourage positive behaviour and habits among drivers and pedestrians by informing them about the different types of level crossings, their components and operation.

WHAT IS A LEVEL CROSSING?

A level crossing is any intersection, at the same level, of a road or other means of communication with railway lines. At level crossings, the train has priority and has protection and signalling systems to guarantee safety.






LEVEL CROSSINGS IN SPAIN:

At the end of 2022, there were 2,919 level crossings in Spain. Today, by law, no more are allowed to be built. Between 2010 and 2022, 90 people died at level crossings in Spain and 43 were seriously injured.

LEVEL CROSSING COMPONENTS

- 1.- Maximum speed announcement signal for level crossing
- 2.- Signal order "WHISTLE"
- 3.- Local control
- 4.- Obstacle detector
- 5.- Semi-barriers
- 6.- Slowing down elements
- 7.- Non-directional reset pedal
- 8.- Luminous sign "CAUTION DO NOT PASS"
- 9.- Traffic forbidden
- 10.- Signal for a level crossing without barriers
- 11.- Fixed single or double St Andrew's cross
- 12.- Acoustic signal
- 13.- Illuminated sign "ANOTHER TRAIN"
- 14.- Horizontal signals
- 15.- Vertical fixed signals
- 16.- LEVEL CROSSING sign
- 17.- PROTECTED AND UNPROTECTED LEVEL CROSSING signal
- 18.- Directional warning pedal

TYPES OF LEVEL CROSSINGS

PASSIVE or Class P level crossings	These level crossings do not have any light and/or acoustic warning or protection system such as barriers, half-barriers, gates or chains. At these level crossings, there is only horizontal and vertical signs, which warns of the proximity of the level crossing without a barrier. On the track side, there are signs with fixed indication to warn the driver of the proximity of the level crossing.	
ACTIVE or Class A level crossings	A1 The warning or user protection is activated or performed manually by railway staff. In addition to signalling.	
	A2 The warning to the user is automatically activated by the approaching train. In addition to horizontal and vertical signs, it shall have luminous signalling, with two horizontal red lights flashing alternately and audible signalling.	
	A3 In addition to the above safety measures there are half-barriers or movable barriers, to cut off access of vehicles from the road to the railway tracks.	
	A4 An obstacle detector on the track is added to the above safety measures.	



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HOW TO CROSS SAFELY THROUGH LEVEL CROSSINGS?

WHEN CROSSING THE LEVEL CROSSING:

Keep in mind that the surface can be uneven. Be careful crossing it and get out as soon as possible.

WHEN APPROACHING THE LEVEL CROSSING:

- Approach with **caution**
- Respect the signage
- Stop before crossing it if necessary
- Pay attention and **stay alert**
- **Avoid distractions:** mobile, music, conversations, etc.

AT ACTIVE LEVEL CROSSINGS:

- If the **acoustic and/or light signals** are activated, **wait** until the train has passed and if you are **already crossing** the level crossing, **keep calm** and go as fast as you can
- Be careful because **behind one train another can come**

AT PASSIVE LEVEL CROSSINGS:

- Stop, look and listen, and if you can cross, **cross quickly**
- Be careful because **behind one train another can come**