

ABSTRACT**Communication device for rail vehicle, rail vehicle equipped with said device**

This communication device (5) for rail vehicle (10) is of the type comprising a wireless communication stage (30) to communicate with a control beacon (15) on at least one communication spectrum band of a spectral range sub-divided into several predetermined channels, and is characterized in that it further comprises a protection stage (35) linked to a protection antenna (40), the protection stage (35) being capable of generating signals on at least one of the predetermined channels which at least partly cover the or each spectral communication band, and the protection antenna (40) being capable of radiating the generated signals in the direction of at least one coach (27, 45) of the said rail vehicle (10).

Figure 1.