

The radio frequency keyless entry system has the following functions.

1. Locking and unlocking the doors and rear gate without key
2. Sounding a panic alarm

This system consists of transmitter and receiver.

The receiver (EUT) is powered 12V. It is designed to operate on a single fixed frequency RF 433.92MHz by amplitude modulation. It receives unique identification code and function code transmitted from transmitter. After receiving the signal, the CPU in receiver decides which operation will be performed. And then driving circuit in receiver performs selected operations by pressing the button of the transmitter.