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# G8D-380H-B

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Receiver, RF Keyless Entry System

## Table of contents

1.	Constitution of the Radio Frequency Keyless Entry system with Door Lock	
	Controller for vehicle .....	1
2.	User's manual (provisionally) .....	2
3.	Block diagram .....	3
4.	Specification .....	4
5	PCB	
5.1	Circuit diagram .....	5
5.2	Parts layout (front).....	6
5.3	Pattern layout .....	7
5.4	Parts list .....	9
5.5	Connector .....	12
6.	Photographs .....	13

# 1. Constitution of the Radio Frequency Keyless Entry System with Door Lock Controller for vehicle

The radio frequency keyless entry is a system that it controls locking and unlocking the door by wireless remote controller. This system consists of two components. The TRANSMITTER is a device that transmits the signal when the button is pressed. The transmission signal consists of several synchronous codes, unique identification code, security code and function code. The RECEIVER is fixed inside the vehicle. It works intermittently to prevent the battery exhaustion. When the receiver detects the synchronous code, it runs continuously to receive the signals completely. After receiveing the signal, the receiver decides which operation will be performed. The user can select the following operations by pressing the button of the remote transmitter.

OPERATION	ACTION
<b>LOCK</b>	Lock the door
<b>UNLOCK</b>	Unlock the door (Open the window)
<b>BOOT RELEASE</b>	Release the boot
<b>PANIC</b>	Beep the horn and flush the small light. (it continues 30 seconds)

This receiver also controls wired operation. When the key is in the driver's side key cylinder, all doors will Unlock if the key is turned to UNLOCK and hold more than one second. In case of the operation time is shorter, the only diver's side door is mechanically unlocked. It is also available to control the door lock status by using the remote door control switch(both driver's and passenger's side).

Transmitter  
f = 313.85MHz

## 2. User's manual (provisionally)

### REMOTE TRANSMITTER



You can lock and unlock your vehicle with the remote transmitter.

### LOCK

When you push the LOCK button, all the doors will lock.

You cannot lock any of the doors with the remote transmitter if any door is open or the key is in the ignition switch.

### UNLOCK

When you push the UNLOCK button, all the doors will unlock.

You cannot unlock any of the doors with the remote transmitter if the key is in the ignition switch.

When you push the UNLOCK button more than about 1.0 second, the window will open.

### BOOT RELEASE

To open the boot, push the BOOT RELEASE button for approximately one second.

The boot will not open if the key is in the ignition switch.

### PANIC MODE

Panic mode allows you to remotely sound your vehicle's horn to attract attention. To activate this mode, press and hold the PANIC button for about one second. Your vehicle's horn will beep for about 30 seconds.

To cancel Panic mode before 30 seconds, press any button on the remote transmitter. You can also turn the ignition switch is in ON

## 4. Specification

### 4.1 RF block

Local clock frequency	324.55MHz
Frequency generation	Crystal resonator
Modulation	Single Superheterodyne
Bandwidth	±200KHz
Sensitivity	30dBuV

### 4.2 Others

Dimension	40.9 mm × 48.2 mm × 29.8 mm
Weight	18 g
Battery	Power Source (DC 5V)
Operation Voltage	DC 5V, 10mA
Operation temperature	-30°C ~ +80°C