

Automatic – Dimming Mirror with Homelink®

The Automatic Dimming mirror with Homelink® universal garage door opener is designed to reduce nuisance glare to the driver's eyes. The glare is controlled with an electrochromic mirror element that is driven by a microcontroller where dimming levels are determined based on inputs from light sensors monitoring both ambient light in front of the vehicle and glare light from behind the vehicle.

The Homelink® Universal Garage Door Opener is a low-power transceiver device that is installed into the rearview mirror of the automobile and powered by the 12volt system of the automobile. The installation is provided by trained technicians.

This Universal Garage Door Opener has the capability to:

1. Learn the frequency and bit code format of the user's existing garage door remote control devices and
2. Reproduce and transmit the frequency and bit code format to remotely operate the user's garage door.

There are two printed circuit boards.

1. RF transmitter. 2-layer PCB. 20MHz oscillator. PCB# 280-0323-000 AA
2. Main board. 2-layer PCB. 4MHz oscillator. PCB# 280-0327-000 v3.

The unit is designed for the periodic operation of a control signal which activates typically a garage door.

The transmit unit is only operational when the user depresses one of the three control buttons. This unit becomes inactive after release of the control button.

The antenna system is an integral part of the unit. It cannot be altered nor replaced by the user.

Service of this system is only available from the Automobile Manufacturer's Dealerships and GENTEX Corporation.