



Technical Description of DRG2

Introduction

DRG2 is an universal Garage Door Opener Transmitter. It can control two garage door openers. The remote control transmitter is designed to work with the most garage door openers manufactured after 1981. The remote control transmitter will operate the following manufacturer's products:

1. 390MHz
 - i. Genie AR85 (9-position switch)
 - ii. Genie AR90 (12-position switch)
 - iii. Genie SD9500 (12-position switch)
 - iv. Sears (9-position switch)
 - v. Chamberlain (9-position switch)
 - vi. Lift-Master (9-position switch)
 - vii. Wayne Dalton (9-position switch)
 - viii. Master Mechanic (9-position switch)
2. 310MHz
 - ix. Stanley (10-position switch)
 - x. Linear (8-position switch)
 - xi. Moore-O-Matic (8-position switch)
3. 300MHz
 - xii. Multi-Code (10-position switch)

Functional Requirements

- DRG2 is a garage door opener transmitter to control most garage door openers.
- KEYS: There are 3 keys.
 - 2 keys: each key can control a garage door opener.
 - 1 code set key: to set the transmitter in learn mode or transmit mode.
- DIP SWITCHES: 12 Code Switches and 3 Manufacturer's Product Code Switches
- LED indicates the transmitter operating or not.

Electrical Specifications

Power source	:	12V alkaline battery X 1
MCU used	:	KS86C0004
RF Operating Frequency	:	300MHz, 310MHz and 390MHz
EEPROM used	:	24C01A, 1k bits

Environmental Specification

Operating Temp.	:	0°C to 50°C
Storage Temp.	:	-20°C to 65°C