

CIRCUIT DESCRIPTION AND OPERATION OF REC-11 REMOTE CONTROL

The REC-11 remote is a 4-button control module that provides Lock, Unlock, Trunk Release and 3rd channel output to the REC-11 Keyless Entry System installed in the vehicle. Operation is explained as follows:

- 1) The upper left-hand button with the closed lock ideogram transmits the lock command when pressed.
- 2) The upper right-hand button with the open lock ideogram transmits the unlock command when pressed.
- 3) The lower left-hand button with the two vertical bars transmits the Trunk-output command when pressed.
- 4) The lower right-hand button with the three vertical bars transmits the third-channel output command when pressed.
- 5) Upon Pressing any of the four buttons, three operations occur:
 - A) Power from the 23A-type 12v battery is supplied to the Encoder IC and 433 MHz RF oscillator and,
 - B) The Command code for the button function (Lock, Unlock, etc...) is inputted to the Encoder IC.
 - C) The PWM signal is transmitted at 433 MHz.
- 6) The Green LED will light upon any button operation to indicate the transmitter is working.
- 7) The Battery Saver feature will turn off the transmitter after 25 seconds of continuous activation by any button.

2/6/01

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JOB #: 418BZ0

FCCID: L2MREC-11

EXHIBIT : 7