

months. Linear Corporation warrants our product **only** to our authorized dealers and distributors and not to the end customer. If you have any questions about our warranty, please ask your dealer to determine the nature and scope of his warranty. Linear Corporation does not assume, and is not responsible for, any real or consequential damages from claims against the performance of our product, nor is it liable for any costs related to loss of life, property, or revenue. Further, Linear Corporation is in no way responsible for installation of our product, and will assume no costs related to reinstallation or removal. Linear Corporation's Warranty is in lieu of all other warranties, expressed or implied.

#### PLEASE NOTE

Linear Corporation has devoted a great deal of time and research in order to provide the most reliable equipment possible. Certain limitations must be observed.

- (1) MULTI-CODE radio components must conform with FCC Part 15 requirements. For this reason, the range and power of our radios is within specified limits.
- (2) As with all manufacturers, Linear Corporation's radios must accept all signals that they receive. This may, in rare instances, create difficulty.
- (3) You should test your entire system occasionally in order to be sure that all components are working in good order.
- (4) Linear Corporation's dealers can provide you with

information regarding the use of our radio controls, and can provide valuable installation and operation information, when requested.

**CAUTION:** *Any changes or modification in intentional or unintentional radiators which are not expressly approved by Linear Corporation could void the user's authority to operate this equipment. This applies to intentional and unintentional radiators certified per part 15 of the F.C.C. rules and regulations.*

This device complies with FCC Part 15 and Industry Canada Rules and Regulations. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

#### LINEAR CORPORATION

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## INSTALLATION INSTRUCTIONS

### MODEL 3083 TWO CHANNEL MINI-TRANSMITTER

Congratulations! You have just purchased a Mini-Code Digital Transmitter, which we believe to be the finest product of its kind on the market. With a little care this transmitter should provide you with many years of excellent service. Please take a moment to read the following instructions and you will find that setting your new transmitter will be quite an easy matter.

#### ACCESSING THE CODE SWITCH AND BATTERY COMPARTMENT

The model 3083 two channel Mini-transmitter case is composed of 2 halves which are held together by a small phillips head screw. Removing this screw will allow access to the code switches and the battery compartment (see diagram #1).

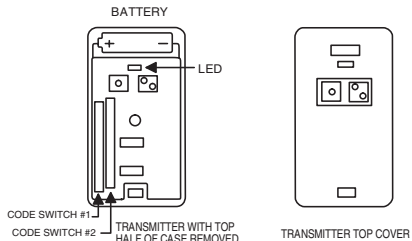


DIAGRAM #1

## SELECTING A CODE

Before placing your transmitter into service, we urge you to set your code in order not to interfere with neighboring systems and to provide security for your own system. We strongly urge that several coding schemes be avoided: ALL ON; ALL OFF; 2, 4, 6, 8, 10 ON; 1, 3, 5, 7, 9 ON. These positions are similar to our or other manufacturer's test positions, or are frequently used.

You will note that the model 3083 transmitter has two, ten position code switches (**Note: the switches are in the "on" position when the switch is depressed toward the number, see diagram #2**). In order to simplify coding of your transmitter as much as possible, observe the following:



CODE SWITCH  
DIAGRAM #2

**If you have two single channel receivers:** Set your transmitter so that code switch #1 will match receiver #1. Set code switch #2 on the transmitter to match receiver #2 (see diagram #1).

**If you have a MULTI-CODE 3021 or 3028 two channel receiver:** Set the receiver and both transmitter code switch positions 1-9 to match. The tenth position on your transmitter code switches are used for channel selection. Channel 1 on the receiver is selected by moving the tenth position of code switch #1 on the transmitter to the off (open) position. Channel 2 on the receiver is selected by moving the tenth position of code switch #2 on the transmitter to the on (closed) position. Once the codes have been set, check the operation and reassemble the transmitter case.

## MINI-TRANSMITTER INSTALLATION

This transmitter is completely self contained, including battery and can be operated while held in hand or while mounted in the car. It is supplied with "hook and loop" fabric for easy mounting or it may be added to your keychain using the slot provided.

## TRANSMITTER BATTERY REPLACEMENT

Replacement battery - 12 volt alkaline lighter battery (Eveready A23 or equivalent).

The transmitter battery can be checked or changed by removing the phillips head screw located on the back of the case and carefully separating the case halves to expose the circuit board and battery. Simply slide out the old battery and

slide in the new, remembering to observe the battery polarity molded on the case in the bottom of the battery compartment. Note that if the red LED on your transmitter fails to light you most likely have a weak or dead battery and it should be replaced (see diagram #1).

## OPERATIONAL CHECK

To check operation, move back a reasonable distance (about 50 ft.) and press the transmitter button. Operation should be reliable at this distance but environment and location of both the transmitter and receiver will affect the range. If the transmitter is stowed well out of sight, it may be necessary to remove it from its mounting and hold near the windshield. Try different locations and positions. If operation is still unsatisfactory, the problem may be isolated by:

1. Checking the door operator. If the door will not open when the wall button is pressed, the problem is likely to be the operator. If the door will open by pressing the wall button, but not when the radio control button is pressed, the problem is probably in the radios.
2. Replacing the transmitter battery. If, after performing the above operational checks, the controls still do not function, they should be returned to your dealer for repair or replacement.

## WARRANTY

All MULTI-CODE door related products carry a eighteen (18) month warranty against defects in workmanship or material. This warranty begins at the date of manufacture, for eighteen