

2. As with all manufacturers, Nortek Security & Control 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. Nortek Security & Control dealers can provide you with information regarding the use of our radio controls, and can provide valuable installation and operation information, when requested.

WARNING: Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the Federal Communications Commission (FCC) rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC & IC Notice

This device contains licence-exempt transmitter(s) / receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- 1) This device may not cause interference.
 - 2) This device must accept any interference, including interference that may cause undesired operation of the device.
- L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
- 1) L'appareil ne doit pas produire de brouillage;
 - 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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215642 Rev-D



INSTALLATION INSTRUCTIONS

MODEL 4140 FOUR CHANNEL TRANSMITTER

Congratulations! You have just purchased a MULTI-CODE Digital Transmitter, which we believe to be the finest product of its kind on the market. With 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

Insert a small coin into the slot located at the bottom end of the transmitter. Twist the coin and remove the access cover to expose the code switches and battery compartment.

CODING

Before placing your transmitter into service, we urge you to set your codes, in order not to interfere with neighboring systems, and to provide security for your own system. You will note that the model 4140 transmitter has two code switches (see figure 1). 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.

CODE SWITCH
Figure 1



TO SET YOUR TRANSMITTER AND RECEIVERS:

Receiver 1 - Set the receiver code switch positions 1-8 to match transmitter side A code switch positions 1-8. Set the 9th position on the receiver and the transmitter to the on (closed) position. Set the 10th position on the receiver and the transmitter to the off (open) position (see figure 2 for side A and B transmitter code switch locations).

Receiver 2 - As you did in the procedure for Receiver 1, set your receiver code switch positions 1 -9 to match transmitter side A code switch positions 1-9. Set 10th position on the receiver to the on (closed) position (**Note: The 10th position switch on the transmitter side A has previously been set to the off (open) position in the above step).**

Receiver 3 - Set the receiver code switch positions 1-8 to match transmitter side B code switch positions 1-8. Set the 9 & 10th positions on the receiver and the transmitter side B to the off (open) position.

Receiver 4 - As you did in the procedure for Receiver 3, set your receiver code switch positions 1-9 to match transmitter side B code switch positions 1-9. Set the 10th position on the receiver to the on (closed) position (**Note: the 10th position switch on the transmitter side B has previously been set to the off (open) position in the above step).**



Figure 2

IF YOU ARE USING TWO MULTI-CODE 3021 OR 3028 TWO CHANNEL RECEIVERS:

Receiver Channel 1 - Set the receiver code switch Positions 1-8 to match transmitter side A code switch positions 1-8. Set the 9th position on the receiver and transmitter side A to the on (closed) position. Set the 10th position on the transmitter side A to the off (open) position. Pushbutton 1 on your transmitter will now match Channel 1 on your #1 two channel receiver (see figure 2 for side A and B transmitter code switch locations).

Receiver Channel 2 - Your receiver and transmitter side A code switch positions have previously been set in the above step. Pushbutton 2 on your transmitter will match Channel 2 on your #1 receiver.

Receiver Channel 3 - Set the receiver code switch positions 1-8 to match transmitter side B code switch positions 1-8. Set the 9th position on the receiver and transmitter side B to the off (open) position. Set the 10th position on

the transmitter side B to the off (open) position. Pushbutton 3 on your transmitter will now match Channel 1 on your #2 two channel receiver.

Receiver Channel 4 - Your receiver and transmitter side B code switch positions have previously been set in the above step. Pushbutton 4 on your transmitter will match Channel 2 on your #2 channel receiver.

Once your codes have been set, check the operation and replace the lower cover.

TRANSMITTER INSTALLATION

The transmitter is completely self contained, including battery, and can be operated while mounted in the car. It is supplied with a clip for attaching to the sun visor, if desired. If the clip is used, attach to the case by sliding it into the recess provided on the back of the transmitter until the small dimples fit into the holes in the clip.

WARRANTY

ALL MULTI-CODE door related products carry an eighteen (18) month warranty against defects in workmanship or material. This warranty begins at the date of manufacture, for eighteen months. Nortek Security & Control warranties 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. Nortek Security & Control 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, Nortek Security & Control is in no way responsible for installation of our product, and will assume no costs to reinstallation or removal. Nortek Security & Control Warranty is in lieu of all other warranties, expressed, or implied.

PLEASE NOTE

Nortek Security & Control 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.