

**INSTALLATION AND PROGRAMMING  
INSTRUCTIONS  
FOR THE  
ClikCard RESIDENTIAL RECEIVER**

**Sentexsystems**



## **INTRODUCTION**

The KlikCard Garage Door Receiver is designed to mount directly to any three-terminal garage door operator. Also, it can be remotely installed if the operator terminal strip is not accessible or if power is not obtainable from the operator.

Please note: Throughout these instructions, the "hatch door" side of the receiver will be referred to as the front while the side with the screw through it will be referred to as the back. All directions (such as top, bottom, left, right) will assume you are looking at the front of the receiver.

## **MOUNTING THE RECEIVER TO THE OPERATOR**

You may install the receiver directly to the operator if it has three-terminals and the power source is available directly from the operator. To install a receiver in this manner, follow the instructions below:

1. Disconnect the power to the garage door operator.
2. Install the three connector clips (included in the box with the receiver) onto the receiver's terminals. Use the longer of the two notched ends on the clip to make this connection. If installed correctly, the other end of the clip will extend past the back of the receiver.
3. Loosen the terminal screws on the operator and disconnect any existing receivers from the operator. (Please refer to the note on page 3).
4. Insert the other end of the clips under the screw heads on the operator. The right clip should be connected to the "24 VOLT" terminal on the operator, the center clip should be connected to the "RELAY" terminal and the left clip should be connected to the terminal marked "COMMON" or "RADIO POWER".
5. If you have a wall button, wire it to the "24 VOLT" and "RELAY" terminals along with the clips from the receiver.
6. Tighten the terminal screws on the operator until the clips are all held firmly and make sure the antenna (the wire extending from the bottom of the receiver) is in a vertical position as far from any metal as possible. Reconnect the power to the garage door operator.

## **MOUNTING THE RECEIVER REMOTELY**

Power for the receiver may or may not be directly available from the operator. If power is available, follow the instructions for mounting the receiver labeled "REMOTELY MOUNTING THE RECEIVER TO A THREE-TERMINAL OPERATOR". If the power is not directly available from the operator, order a Model 1219-RRT power transformer kit and follow the instructions labeled "REMOTELY MOUNTING THE RECEIVER TO A TWO-TERMINAL OPERATOR".

### **Connecting a Remotely Mounted Receiver to a Three-Terminal Operator**

1. Disconnect the power to the garage door opener.
2. Mount the receiver to a joist or the ceiling by using the mounting tabs located on the top of the receiver.
3. Disconnect any existing receivers from the operator. (Please refer to the note at the bottom of page 3).
4. Connect a three conductor, color coded cable onto the receiver's terminals (the connector clips provided with the receiver are not used in this type of installation).

5. Loosen the terminal screws on the operator and insert the other end of the cable under the screw heads. The wire attached to the right terminal on the receiver should be connected to the "24 VOLT" terminal on the operator, the wire attached to the center terminal on the receiver should be connected to the "RELAY" terminal on the operator and the wire attached to the left terminal on the receiver should be connected to the operator terminal marked "COMMON" or "RADIO POWER"
6. If you have a wall button, wire it to the "24 VOLT" and "RELAY" terminals.
7. Tighten the terminal screws on the operator until the wires are all held firmly and make sure the antenna (the wire extending from the bottom of the receiver) is in a vertical position as far from any metal as possible. Reconnect the power to the garage door operator.

## **Connecting a Remotely Mounted Receiver to a Two-Terminal Operator**

1. Disconnect the power to the garage door operator.
2. Install the three conductor clips (included in the box with the receiver) onto the terminal block. Use the shorter of the two notched ends on the clip to make this connection.
3. Disconnect any existing receivers from the operator (Refer to the note on the next page).
4. Connect one of the gray wires from the terminal block (it does not matter which gray wire is connected) to the "COMMON" or "RADIO POWER" terminal on the operator. Connect the other gray wire to the "RELAY" terminal on the operator.
5. If you have a wall button, connect one wire ( it does not matter which wire) from the wall button to one of the terminal block screws attached to a gray wire. Connect the other wire from the wall button to the other terminal block screw with the other gray wire.
6. Tighten the screws on the terminal block until all of the clips are held firmly.
7. Mount the terminal block to a joist or the ceiling by use of the two mounting holes
8. Connect the receiver to the connector clips on the terminal block. Make sure the antenna (the wire extending from the bottom of the receiver) is in a vertical position, and as far away from any metal as possible. Connect the power to the power transformer and reconnect the power to the garage door operator.

**NOTE:** Some operators have an internal receiver that must be disconnected and unpowered before this garage door receiver is installed. If there is no external receiver seen, but there is an antenna protruding from the operator and/or you are currently using another transmitter, you more than likely have an internal receiver. For instructions concerning proper disconnecting procedures to unpower the receiver or if you are unsure whether or not your operator has an internal receiver, call the operator's manufacturer.

# **GARAGE DOOR RECEIVER**

## **PROGRAMMING AND USE GUIDE**

The garage door receiver can be programmed to activate the garage door operator upon receiving signals from up to four uniquely-encoded transmitters. Since the codes in the transmitters cannot be changed or duplicated, transmitters you have not programmed cannot gain access to your garage. If one of the transmitters you have programmed into the receiver is lost or stolen, you can eliminate its ability to activate the garage door operator very quickly.

### **PROGRAMMING A TRANSMITTER INTO THE GARAGE DOOR RECEIVER**

Before you can use a transmitter to activate your garage door operator, it must be programmed into the garage door receiver. The following procedures will allow you to program up to four separate transmitters into the receiver:

1. After the receiver has been installed, open the hatch door on the front of the receiver using a small screwdriver. Inside the receiver on the left side you will see a block containing four microswitches. The switches in the block are numbered from left to right. Thus, the switch on the far left is number 1 and the switch on the far right is number 4. On the right side you will see a red lamp which will not be lit.
2. Move switch 1 to the "ON" (up) position using the small screwdriver or a pen. The red lamp should come on and stay lit continuously. If there is not room in the memory to accept another transmitter, the lamp will blink rather than staying lit continuously. (To erase a transmitter to allow room in the memory, see the instructions below.)
3. Press and hold the button on the transmitter you want to program. When the lamp begins to flash, the unique code has been learned by the receiver and you may release the button. After a few seconds, the lamp will extinguish. For safety reasons, the garage door operator will not be activated by the receiver while in the programming mode.
4. If the transmitter you just programmed filled the last space in the memory, the lamp will begin flashing again after five seconds. Conversely, if there is room in the memory to program another transmitter, the lamp will return to its constantly lit state.
5. If you wish to program another transmitter, wait ten (10) seconds and then repeat steps 3 and 4. Once you have finished programming all of your transmitters, terminate the programming mode by moving switch 1 back to the "OFF" (down) position. For safety reasons, there is a five second delay after you return switch 1 to the "OFF" position before the receiver will be capable of activating the garage door operator.

### **ERASING TRANSMITTERS FROM THE GARAGE DOOR RECEIVER**

If a transmitter should ever be lost or stolen, the following process will allow you to erase the lost or stolen transmitter from the system and leave the other transmitters operational:

1. Open the hatch door as described above and move switch 3 to the "ON" (up) position. The lamp will come on and stay lit. (If the lamp begins to blink when you move switch 3 to "ON", the receiver's memory does not contain any ClikCard codes. But, make sure that switch 3 is the only switch that is in the "ON" position.)
2. Move switch 2 to the "ON" (up) position. When the lamp begins blinking, all of the transmitters that had been programmed into the receiver will have been erased.
3. Move switches 2 and 3 to the "OFF" position and follow the procedures described in the section above to reprogram the transmitters which you wish to continue to have access to your garage.

# **FCC REQUIREMENTS**

## **RADIO FREQUENCY**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, 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 of 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.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the FCC helpful: "How to Identify and Resolve Radio-Television Interface Problems". This booklet is available from the United States Government Printing Office. Washington, D.C., 20402. Stock No. 004-000-00345-4.

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