MODEL 8057 MicroCLIK™ RF RECEIVER

The model 8057 **RF Receiver** is designed for use with Micro**CLIK**™ transmitters. The receiver can store 10 facility codes and 50 to 16,000 unique transmitter codes depending on the model selected. It is also programmed to recognize only certain transmitter buttons.

The 8057 has a built in programming keypad allowing transmitter codes to be block coded or individually added/deleted to its memory. It is a stand alone receiver that activates a built-in dry contact form "C" relay when a programmed transmitter code is received. The received code **MUST** match the programmed **"Facility Code", "Transmitter Code",** and **"Transmitter Button Code"** before the receiver relay will activate.

The Micro**CLIK**™ system is compatible with the HomeLink system found in many automobiles.

P/N 8066-080   P/N 8067-080   P/N 8068-080
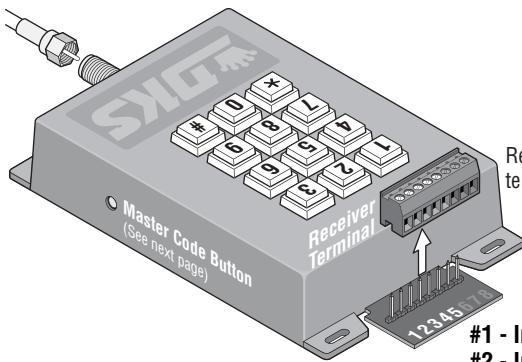
Micro**CLIK**™ Transmitters

Installation

This receiver is **NOT** designed to be installed outdoors without being protected from the weather. An outdoor enclosure is available for the receiver if required (P/N 8057-110 - Metal Outdoor Box).

Install the 8057 receiver in a location so the antenna is **NOT surrounded by metal and is in free air as high as possible above the ground.**
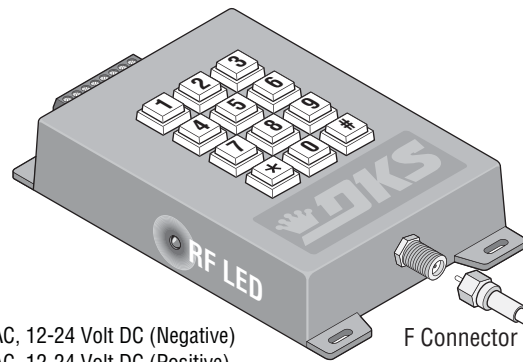
A longer Coax Antenna kit is available for the receiver if required (P/N 1514-073 - Includes antenna, mounting "L" bracket and 15 feet of coax cable).

The RF LED on the side of the case will blink as RF energy is received. If the LED blinks or is on continuously, this indicates that there may be interference on the frequency (318 MHz) and short range may be the result. If this happens, try relocating the receiver or remove the source of interference.

Note: Loop detectors and proximity card readers can cause receiver interference.
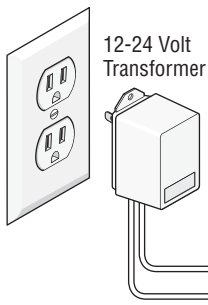

Removable receiver terminal for easy wiring.

#1 - Input Power 12-24 Volt AC, 12-24 Volt DC (Negative)
#2 - Input Power 12-24 Volt AC, 12-24 Volt DC (Positive)
#3 - Relay Contact (Normally Open)
#4 - Relay Contact (Normally Closed) — Terminals 3-4-5 rated for 30 volt, 1 amp max.
#5 - Relay Contact (Common)
#6-8 - Not Used

F Connector

Coax Antenna Kit (Included)

18" Coax Cable

Receiver Terminal Wiring

Stand-Alone Power and Device Wiring : Connect 12 - 24 Volt AC or DC power to terminals #1 and #2. Use minimum 18 AWG wire to power the receiver.

• If DC power is used (Transformer): Terminal #1 is **NEGATIVE** and Terminal #2 is **POSITIVE**.

• Connect the receiver relay contacts to the device to be activated.
  - Receiver Terminal #3 is the relay contact **Normally OPEN** (N.O.)
  - Receiver Terminal #4 is the relay contact Normally CLOSED (N.C.)
  - Receiver Terminal #5 is the relay contact **Common** (C).

12-24 Volt Transformer

⚠ **DC Polarity Matters!**
➢ **To Receiver Terminal #1 (Neg.)**
➢ **To Receiver Terminal #2 (Pos.)**

Gate Operator: Connect the 3 wires from the gate operator as indicated.

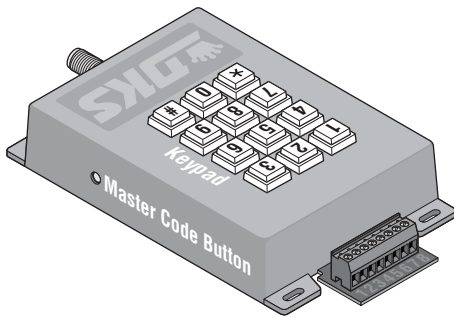From "Low Voltage Common" ➢ **To Receiver Terminal #1**
From "Circuit Board" Power ➢ **To Receiver Terminal #2**
From "Radio Open" ➢ **To Receiver Terminal #3**

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Programming

Program the Master Code: The master code is the four-digit number required to gain access to the receiver memory for all programming. **You MUST program a MASTER CODE first.**

1. Press Master Code Button

Note: Receivers manufactured before Rev E (2/01) require the receiver case to be opened to access the master code button. All other programming steps remain the same for the receivers.

any four numbers

2. Choose and enter four-digits on the keypad [?] [?] [?] [?] then press [✳] **"BEEP"**

Important Note: Keep this instruction sheet for future reference after writing down the master code . **There is NO way of retrieving the master code after it has been programmed in.** If you forget it, you will have to program in a new master code but all other previously programmed information will remain intact.

Facility Codes: Unique code for transmitter and located on back of transmitter (Fc).

1. Press [✳] [1] [4] and the four-digit Master Code. **"BEEP"**

2. Press [1] [✳] **"BEEP"** for the **FIRST** facility code. Note: Be sure to increment this number each time another facility code is entered - up to 10, use 0 for facility code 10 if required.

3. Enter the two-digit facility code (01-10), then press [✳] **"BEEP"**

4. Repeat steps **2** and **3** to enter additional facility codes.

5. Press [0] [#] TOGETHER to end programming. **"BEEEEEEEEEP"**

Transmitter Button Number: Used to identify the individual transmitter button that will activate the receiver (Up to 3 buttons).

1. Press [✳] [3] [2] and the four-digit Master Code. **"BEEP"**

3. Enter the button number that the receiver is to respond to (1-2-3), then press [✳] **"BEEP"**

5. Press [0] [#] TOGETHER to end programming. **"BEEEEEEEEEP"**

Relay Strike Time: The amount of time the receiver relay activates.

1. Press [✳] [0] [3] and the four-digit Master Code. **"BEEP"**

2. Enter a two-digit number (00-99) for the relay activation in seconds, then press [✳] **"BEEP"** Note: 00 programs the relay for 1/2 second. 01 programs the relay for 1 second etc.

3. Press [0] [#] TOGETHER to end programming. **"BEEEEEEEEEP"**

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Programming Continued

Program Transmitter Codes One at a Time: The five-digit unique code is located on the back of the transmitter (Tr).

1. Press ⊠ 1 0 and the four-digit Master Code. **"BEEP"**

2. Enter the five-digit transmitter code, then press ⊠ **"BEEP"**

3. Repeat step **2** to enter additional transmitter codes.

4. Press 0 # TOGETHER to end programming. **"BEEEEEEEEEP"**

Program a Group of Transmitter Codes : The five-digit unique codes are located on back of the transmitters (In numeric sequence).

1. Press ⊠ 1 1 and the four-digit Master Code. **"BEEP"**

2. Enter the five-digit transmitter code for the **LOWEST** number transmitter in the group, then press ⊠ **"BEEP"**

3. Enter the five-digit transmitter code for the **HIGHEST** number transmitter in the group, then press ⊠ **"BEEP"**

4. Press 0 # TOGETHER to end programming. **"BEEEEEEEEEP"**

Delete Transmitter Codes One at a Time: The five-digit unique code is located on the back of the transmitter.

1. Press ⊠ 1 2 and the four-digit Master Code. **"BEEP"**

2. Enter the five-digit transmitter code to be deleted, then press ⊠ **"BEEP"**

3. Repeat step **2** to delete additional transmitter codes.

4. Press 0 # TOGETHER to end programming. **"BEEEEEEEEEP"**

Delete ALL Transmitter Codes at Once: WARNING: Deleted codes **CANNOT** be retrieved.

1. Press ⊠ 1 3 and the four-digit Master Code. **"BEEP"**

2. Enter **9999**, then press ⊠ **"BEEP"**

3. After approximately 25 seconds, a long **"BEEEEEEEEEP"** will be heard to end programming.

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