



GEM-KEYF Key Fob Transmitter

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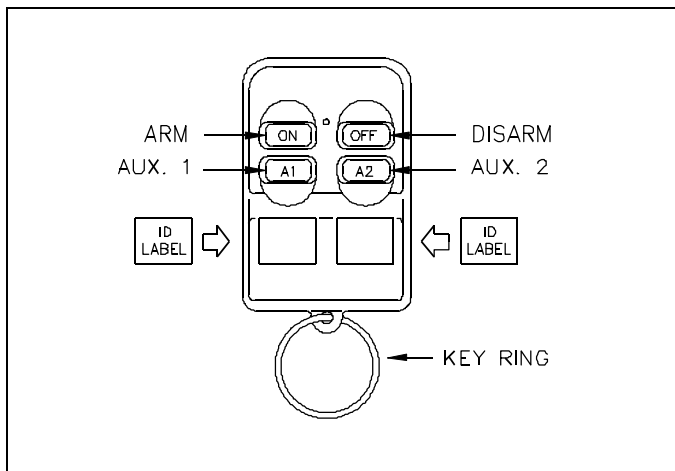
WI752B 8/98

GENERAL DESCRIPTION

The GEM-KEYF is a multifunction pendant/keychain transmitter compatible with Napco GEM-Series wireless systems. It serves as an area arm/disarm device with two auxiliary functions, however it may be converted for use as a police panic and/or auxiliary emergency transmitter using other button options supplied. Two 3V Lithium Batteries (see figure 4) power the GEM-KEYF transmitter. A flashing LED indication signals a low-battery warning to replace the unit.

The GEM-KEYF leaves the factory as a remote area arm/disarm transmitter (ON/OFF) with two Auxiliary buttons, A1 and A2. Auxiliary functions are selected by programming Key Fob Transmitter Aux 1 and Aux 2 options: Panic, Auxiliary, or Instant protection. In addition, any of the panel's Relay Groups may be selected for controlling garage doors, exterior lighting, or other applications requiring external relays (RM3000 Relay Modules, optional).

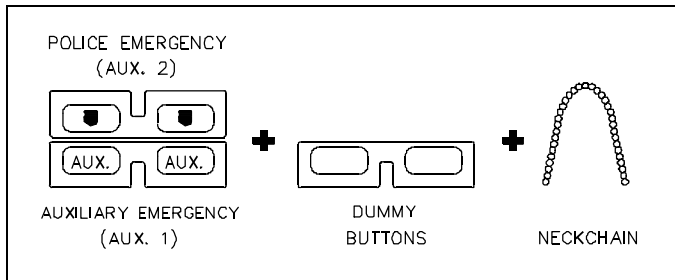
Pressure-sensitive labels are supplied for identification of the Auxiliary Buttons.



Factory-supplied functions: Arm, Disarm, and 2 Auxiliary.

Note: The Aux 1 Button and Aux 2 Button must each be held down for 1.2 seconds before the respective signal will be sent. The LED will light while the unit is transmitting.

Low-Battery Check. The batteries are checked automatically during any transmission. A low-battery condition will cause the LED to come on for twice the normal time, then start pulsing about once every 1.5 seconds; a low-battery

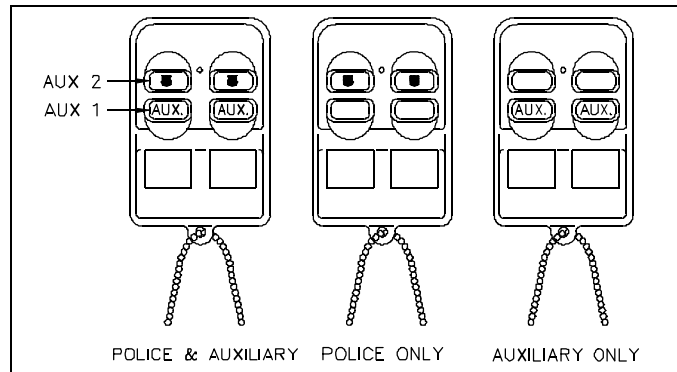


Supplied options for emergency use.

report will be sent to the receiver.

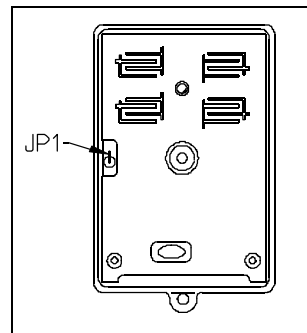
Converting for Emergency Use

To convert the GEM-KEYF for use as a two-button police and/or auxiliary emergency transmitter, proceed as follows. (This requires that both buttons be pressed at the same time to signal an emergency.)



Valid emergency configurations.

1. Remove the screw that secures the case and lift off the top cover.
2. Remove the rubber Button Assembly.
3. (a) For police emergency, install the blue Police Buttons in the two upper holes with cutout facing upward; or (b) For auxiliary emergency, install the AUX. Buttons in the two lower holes with cutout facing downward. **Note:** If either pair of emergency buttons is not used, install the pair of dummy buttons in its place.
4. Cut Jumper JP1.
5. Program Key Fob Transmitter Aux 2 option for Panic.
6. Program Key Fob Transmitter Aux 1 option for Auxiliary.



Circuit board showing location of Jumper JP1.

7. Reassemble the case and slip the neckchain through the eyelet.
- Note:** The two emergency buttons must be pressed simultaneously to send the respective signal. The LED will light while the unit is transmitting.

Low-Battery Check. The batteries are checked manually by holding down *any one key* for at least 5 seconds. A weak battery will cause the LED to come on for twice the normal time, then start pulsing LED about once every 1.5 second; a low-battery report will be sent to the receiver.

REQUIRED PROGRAMMING

The following information is required for each unit. Refer to the instructions for the control panel and keypad in use for detailed programming information.

- An assigned Key Fob transmitter number
- Area number(s) to which transmitter is applicable
- the 6-digit ID code with checksum digit printed on the transmitter (enter all numbers and/or letters, including leading zeros, if any)
- Aux-1 option and Aux-2 option

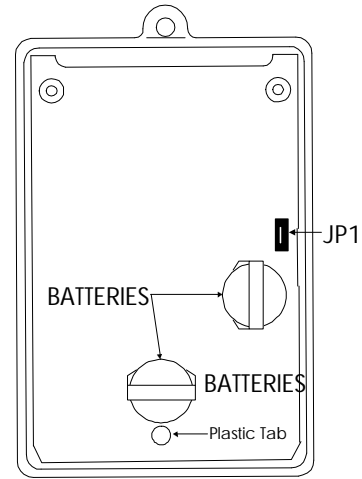
Note: In UL burglar alarm installations:

- (1) If the GEM-KEYF is used to arm and/or disarm the system, the control panel must be programmed to provide a single chirp on arming and a double chirp on disarming. A listed alarm bell or horn is to be used.

(2) Program the burglary output for all protection devices.

BATTERY REPLACEMENT

1. Remove the screw that secures the case and lift off the top cover.
2. Remove the rubber Button Assembly.
3. With the Key Ring Hole facing upwards carefully lift the top circuit board to allow removal of batteries from bottom circuit board.
4. Remove the bottom plastic tab to replace the bottom battery and slide the battery out to the bottom. Insert the plastic tab into the circuit board.
5. Replace the top battery by sliding it out to the right.
7. Reassemble the case and slip the neckchain through the eyelet.



Top View of Bottom Circuit Board for Battery Replacement

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NAPCO RECOMMENDS THAT THE ENTIRE SYSTEM BE COMPLETELY TESTED WEEKLY.

Warning: Despite frequent testing, and due to, but not limited to, any or all of the following: criminal tampering, electrical or communications disruption, it is possible for the system to fail to perform as expected. NAPCO does not represent that the product/system may not be compromised or circumvented; or that the product or system will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; nor that the product or system will in all cases provide adequate warning or protection. A properly installed and maintained alarm may only reduce risk of burglary, robbery, fire or otherwise but it is not insurance or a guarantee that these events will not occur. CONSEQUENTLY, SELLER SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY, PROPERTY DAMAGE, OR OTHER LOSS BASED ON A CLAIM THE PRODUCT FAILED TO GIVE WARNING. Therefore, the installer should in turn advise the consumer to take any and all precautions for his or her safety including, but not limited to, fleeing the premises and calling police or fire department, in order to mitigate the possibilities of harm and/or damage.

NAPCO is not an insurer of either the property or safety of the user's family or employees, and limits its liability for any loss or damage including incidental or consequential damages to NAPCO's original selling price of the product regardless of the cause of such loss or damage.

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