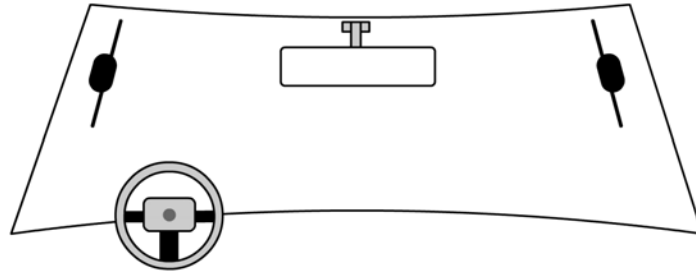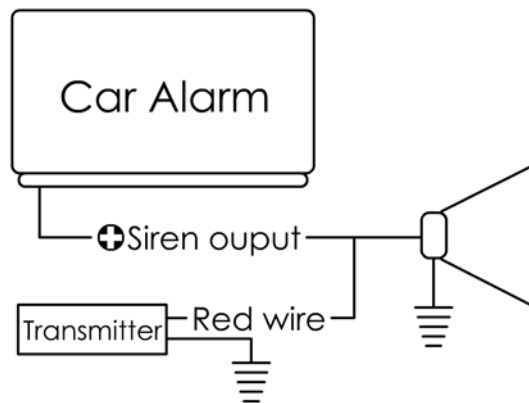# Falcon Communicator
Car Pager with Silent Mode

A) To Turn the pager on/off:
   Pressing the on/off button will turn the pager on or off.   The pager will beep once when turning on and beep twice when turning off.   When inserting the battery, the pager will beep twice and then turn off.

B) Code learning:
   01) Connect the car based transmitter red and black wires so that the transmitter is sending the signal constantly.
   02) Turn the pager off.
   03) Press and hold the pager's reset button then press the on/off button once and release both buttons; the pager will beep 10 times.
   04) After 10 beeps, the pager will enter code learning mode within 30 seconds.
   05) The pager will beep 10 times then leave code learning mode and remain on if the code has been learned successfully.
   06) The pager will leave the code learning mode and keep the original codes if the reset button is pressed during the 30 seconds. In this case, the pager will stay on.
   07) The pager will leave the code learning mode and keep the original code if the on/off button is pressed during the 30 seconds.   In this case, the pager will beep twice and be turned off.
   08) The pager will beep 10 times then leave the code learning mode and keep the original codes if the code fails to be learned during the 30 seconds.   In this case, the pager will stay on.
   09) The codes have already been learned when the pager leaves the factory.

C) Reset button:
   01) When the pager receives the trigger signal and is beeping, pressing the reset button will stop the beeping but the pager is still in on mode and will beep again unless the trigger signal is canceled.
   02) When the pager receives the trigger signal and is beeping, press the on/off button will make the pager beeping twice and then turn off.

D) Beeping modes: Factory default is 1 long 2 short beeps.
   Turn on the pager.   Hold the reset button and press on/off button once, the pager will beep 4 times, release the reset button after 4 beeps and the pager will demonstrate the 9 kinds of beeping mode available for selection.
   01) Mode 1~5: Different melodies
   02) Mode 6: One long beep
   03) Mode 7: One long and two short beeps
   04) Mode 8: Three short beeps
   05) Mode 9: Silent mode (Only Red LED flashes when triggered)
   06) Simply press the reset button once to select the beeping mode while it is being demonstrated and the pager will beep 4 times to confirm your selection has been done.
   07) During the demonstration, press the on/off button once and the pager will beep twice and be turned off
   08) During the demonstration, if the selection has not been made then the pager will leave the demonstration and remain in the original beeping mode after the last beeping mode has been demonstrated.

E) Car based transmitter:
   01) The car based transmitter will be triggered and send a trigger signal to the pager when powering on.   That means both of negative or positive pulse will be available to trigger the transmitter depending on the installation.
   02) Suggested location for the antenna:

*Install the antenna at the right or left of the windshield for better performance
*Keep the antenna at least 5cm apart from the car frame

F) Wiring diagram:

*The 2 wire car pager is available to be triggered by positive or negative pulse, the above illustration showing positive trigger.
*All the car alarm trigger wires can be used to trigger the car based transmitter

G)Specification:

DIMENSION L x H x T	19 x 4 x 1.5cm	DIMENSION L x H x T	6.8 x 4.5 x 1.5cm
POWER SOURCE	DC12V	POWER SOURCE	DC1.5V x 2
POWER CONSUMPTION	50 mA	POWER CONSUMPTION	1.5 mA
OUTPUT POWER	200 mW (23dBm)	RECEIVING SENSITIVITY	-106dBm
NUMBER OF CODES	16,777,216	Working Range	600 Meters In Open Field

*Do not remove the pager's silver antenna and clip or the pager will not work properly