

ALARM PAGER SET PG-3W

The PG-3W pager is designed for the wireless transmission of a car alarm signal and for local paging. Additionally, this device can be used for remote indication of other signals. The working distance of this system is up to 2 km (open area, transmitter antenna installed properly). The PG-3W set includes: transmitter, receiver and tape antenna.

The transmitter has a unique transmitting digital code (factory set). This code insures that only a receiver which was set for this code will react to the transmitted signal. An unlimited number of receivers can be set for each transmitter.

For transmission of the signal can be used the adhesive tape antenna or the car radio antenna.

The pocket size receiver can be carried or clipped on your belt. It responds with an audible and visual signal if the corresponding code is received. The receiver is powered by two AAA size batteries. The condition of the batteries are checked automatically.

Specifications

transmitter:

operating voltage	10 - 15VDC
consumption	stand by 10 mA, activated 1 A
frequency	27 MHz band
radiated power	max. 4W
working distance	up to 2km (open area)
code	digital
transmitting	max. 30sec after triggering

receiver:

power	2x battery 1.5V, size AAA
consumption	1 mA in stand by 20 mA when activated
indication	audible & visual
antenna	built in frame antenna
dimensions	90 x 56 x 18mm

Installation

The transmitter should be installed in the passenger compartment of the car. Avoid locating it close to any other electronic device. Use two screws to fix the transmitter unit.

Antenna - the adhesive tape antenna should be fixed to a window. It should be located at least 20 mm away from the edge of the window. Do not install the antenna on a window with a built in defroster. Use the screened cable (provided in the kit) to connect the antenna. This cable has a connector on one end and two leads (core and screen) on the other end. Connect the cable core lead to the tape antenna. This connection should be as short as possible (cut the wire to the desired length). Insulate this connection properly with plastic tape. Then connect the screen lead with the car body (GND). This connection should again be as short as possible. The car body works as the second antenna pole. Plug the connector on the other end of the cable into the ANTENNA connector on the transmitter. The length of the cable can not be increased, so be sure to predetermine the location of the transmitter in reference to the antenna cable.

You can also use a **car radio antenna** for the pager. However, only an antenna which is not equipped with a built in preamplifier can be used. Additionally, the active part of the antenna must be longer than 0.8 m. To use the car antenna, connect this antenna cable directly into the ANTENNA connector on the transmitter. The switch on the transmitter has to be set to position III. Then, use the connecting cable (equipped with connectors on both ends - provided in the kit) to connect the RADIO connector on the pager to the antenna input on the car radio. The transmitter has a built-in signal splitter which allows the signal from antenna to go to the radio. When the pager is triggered, the antenna is used for the pager transmission.

Note: some car radio antennas do not transmit the band of 27 MHz well. If this is the case with your antenna, you will learn this when you test the pager's working distance. The ideal antenna for the pager is a CB car antenna.

Wires

Black	GND Supply. Connect this wire to the original GND point in the car.
Red	Positive Supply (the wire with a 2A fuse). It should be connected directly to the positive terminal of the battery cable (usually marked as number 30).
Blue	the negative trigger input triggered (an input is active when connected with the GND)
Purple	positive trigger input (active when connected with +12V)
Keypad	manual trigger input (not necessary to use)

Operation

Stand by mode - slide the switch on the receiver to the ON position. The receiver will confirm that it is ready with a short beep a flash of LED.

When alarm signal received - the receiver reacts with audible and visual signals until you switch it off.

Adding additional receiver

If you like to add more receivers to the transmitter you have to set the transmission code in the receiver. Open the small cover on the receiver and set the pager code according to the sticker on the transmitter (8 position DIP switches - 3 positions each). You can also copy the code from the original receiver. Then close the cover again.



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