

Installation and use of your “SET ‘N TOW” light system

“SET ‘N TOW” is made up of three units, one transmitter and two receivers, left & right. The small transmitter is attached by magnet to the towing vehicle and plugs into a four-pin flat trailer socket. The standard wire configuration is WHITE = GROUND, BROWN = TAILLIGHTS, YELLOW = LEFT TURN, GREEN = RIGHT TURN. Should you need to adapt to the plug on the transmitter make sure that configuration is followed. THE TOWING VEHICLES TAILLIGHT CIRCUIT SUPPLIES OPERATING POWER FOR THE TRANSMITTER. This means that to use the system simply turn on either the parking or headlights and the transmitter is ready. You may hot-wire the BROWN wire, so that the transmitter will be on all the time, thus eliminating the need to use the towing vehicles running lights.

The receivers should be placed on the vehicle under tow in a position that the towing vehicle's driver can monitor their operation in his rear view mirrors. The lanyard rope is supplied as a safety attachment and should be used especially if the lights are attached to a vertical surface. Simply pinch it in a door, trunk, hood, or rolled up window. When placing on the vehicle, be sure that the magnetic base is clean of foreign material and is attached soundly to the vehicle under tow. The 3 position switch labeled, DAY-OFF-NIGHT, is used to turn on the receiver in either the DAY or NIGHT position. In the NIGHT position it will also turn on the taillights. The taillights are NOT operated by remote, so they must be manually turned on when using at night. The other light functions will follow what the towing vehicles lights are doing, left turn, right turn, brake, and 4 way. Each receiver has a rechargeable lead acid gel cell 12-volt battery that is recharged via an external plug. There is also an LED indicator light marked “Low Battery”. This light is designed to come on when the battery has drained to a point that it must be recharged. Each system comes with a recharging cord that can be plugged into a cigar lighter type socket to recharge the batteries. It is a good idea to keep the receivers plugged into the charging circuit while not in use, so that they will always be fully charged. Recharging can be done while the lights are in or out of service.

The system will work in almost all situations; however, you may find one where they don't. Remember the radio signals coming out of the transmitter antenna have to be received by the receiver antenna, so placement can affect operations in some cases.

A longevity battery test was preformed on the system. The lights on the towing vehicle were placed in the 4 way flash mode. This put the system under the most extreme battery drain. They ran for 7 hours 40 minute before the low battery indicator came on.

Optional equipment that is also available: Pump up suction cup mounts. These cups are used with the receivers when magnetic attachment to the vehicle under tow is undesirable.

Note: Each system is preset with a binary address code. It is set in the transmitter and the same code is set in both receivers. All of the units are sealed to keep out moisture. So if you should, for any reason open them, make sure they are resealed when closing.

INSTRUCTIONS TO THE USER. 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 in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, 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, user is encouraged to try to correct the interference by one or more of the following measures: Relocate the receiving antenna, increase the separation between the equipment and receiver, consult the dealer or an experienced radio/TV technician for help. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without approval of the manufacture could void the users authority to operate this equipment.

INSTALLATION AND INSTRUCTION
MANUAL

SET 'N TOW

Remote Controlled Tow Lights
Model KETOW1

Kuntzleman Electronics, Inc.
1660 S. Hanover St.
Pottstown, PA 19465
610 326 9068