

Kuntzleman Electronics, Inc.

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How “SET ‘N TOW” works: The system is made up of one transmitter and two receivers.

The transmitter unit has 4 wires. WHITE is –12 volts DC negative or ground, BROWN is + 12 volts DC to supply operating voltage to the transmitter. YELLOW (left) and GREEN (right) are the signal leads. When +12volts DC is applied, from a manually operated switch, to either or both it will cause the transmitter to send an operate signal to the receiver/s. When that switch is released the transmitter will deactivate in less than five seconds as defined in FCC Rule 15.231. Programmed codes set into the PIC device in the transmitter will enable it to send a start code for turn and 4 way operation, when power is removed the transmitter will then send a stop pulse to the receiver.

The receiver/s are powered by their own 12 volt battery. When they receive their operate signal from the transmitter, a voltage is applied to an external lamp and it will operate in a momentary mode. In the turn and 4 way mode a PIC device in the receiver is programmed to start the flashing sequence when it receives the start pulse. Then to quit flashing when it receives the stop pulse.