

## FUNCTIONAL DESCRIPTION

The 5881EN receiver is a part of a wireless security system for burglary and fire alarm applications. This device is a receiver only; it does not contain a transmitter. The receiver hardwires to the 4-wire communications bus of a supported control panel, and allows compatible RF transmitters to be enrolled and used with the panel. The 5881EN may be mounted on a wall or inside a metal cabinet. If it is installed in a cabinet, the circuit board only is installed. The device works with compatible transmitters employing Honeywell's Short Range Radio protocol, and it thus receives on the single frequency of 345 MHz only. Any message originating from an authorized 5800 series security transmitter and received by the 5881EN is relayed without delay over the hardwire bus to the control panel.

The 5881EN comes in four different product model variants: 5881ENL, 5881ENM, 5881ENH. The 3 variants differ in that each has different data loaded in an EEPROM IC installed on the printed circuit board. The EEPROM has the identifies the variant type to the control panel. The variant types are assigned different numbers of maximum zones by the control panel, as follows:

5881ENL	Supports 8 zones maximum.
5881ENM	Supports 16 zones maximum.
5881ENH	Supports a maximum number of zones which is dictated by the control panel model.