

PRODUCT DESCRIPTION

The device, called PrestoPad USB™ is an RFID detection system. It is intended for use while connected to a Personal Computer. There are three major components to the system: a microphone, an antenna control chip and an antenna coil (see block diagram below).

In operation, the device emits a 125kHz RF field. When an appropriate transponder “tag” enters the field, the coil on the transponder couples with the RF field and sufficient potential is generated in the tag to allow communication of the tag’s serial number and/or other information from the tag to the device. The device microprocessor then encapsulates this information for transmission via the USB connection to the Personal Computer.

