

Messenger UTX Universal Transmitter



The Messenger UTX is a peripheral Radio Frequency (RF) device that provides a link between sensors and the MainStreet Messenger, Voice Messenger, System 200, and System 20. Just about any off-the-shelf device utilizing dry contacts can be integrated in the Messenger system. This includes wired smoke detectors, gas sensors, water level detectors, and sip and puff mechanisms and other devices for the physically challenged, among others. The UTX is also equipped with a reed relay, which can operate as a door or window contact when used in conjunction with the magnet.

The UTX works when it is hard-wired to a sensor's dry contact closure. When the dry contact closure is in an alarm state (e.g. open or closed), the UTX sends a unique RF signal to the Messenger. When the Messenger receives this signal, it dials a pre-programmed emergency phone number so that assistance can be sent to the terminal's owner. Typically Messenger terminals can receive transmissions from the UTX from up to 100 feet.



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Terminal Block Electrical Specifications

1. Do not apply voltages in excess of 9V to the UTX
2. Contact resistance for an open contact closure must be in excess of 10M ohms.
3. Contact resistance for an closed contact closure must less than 50K ohms.

Battery Conditions

The MainStreet Messenger version 3 (or higher) monitors the UTX for low battery conditions in the same manner that transmitters are monitored. If you receive a low battery alarm from the Messenger, check to ensure the UTX battery is functioning. You should also perform routine checks on the UTX.