

TECHNICAL ENGINEERING SUPPORT APPLICATION NOTICE (TESAN)

Subject: Combining Remote Safepath Panels for Increased System Wattage in a Non-Fire Alarm (Supervised), Emergency Voice/Employee Alarm System

Remote Safepath panels can be activated from a 70 volt speaker line. The accompanying diagram illustrates the method using a voice operated relay (VAR-1) to provide signal from a 70 volt speaker line (RSAPE # 1) to another remote Safepath (RSAPE # 2).

This technique allows a combination arrangement for Remote Safepath panels for systems with large wattage requirements.

Currently, total system available wattage for a Master/Remote Safepath system is 5,120 watts, in a UL approved application.

By combining remote panels, systems can be configured for considerably larger power requirements. Systems of 10,000/20,000/30,000 watts may be designed.

Trouble reporting from remote panels can be accomplished by using the Remote panel's trouble contacts to activate an intelligent module (SLC loop) that will report to the Control Panel. This method will allow for unique identification and panel location.

Further information may be obtained by contacting Wheelock's Application Engineering Dept. at (800) 631-2148, extension 6024.

Remote Safepath Configured to Drive Another Remote Safepath

