

Series 4200 Area of Refuge / Area of Rescue Assistance

Operation Instructions

GENERAL

Momentarily depressing a Call Station button will cause a short acknowledgement tone and a steady LED illuminated on the Call Station device. At the Master Panel, a slow, repeating alarm tone is generated. The red “Zone Call” LED for that zone will also illuminate. This provides an audible and visual notification of a call placed on the system at both the Call Station and Master Panel.

Depress the zone switch to acknowledge the incoming zone call. The “Zone Call” red LED begins flashing, as well as the red LED on the Call Station device, when that zone call has been acknowledged. A green “Intercom ON” LED will also illuminate for the acknowledged zone, indicating 2-way voice communication is enabled between the Master Panel and that Call Station device. The Master Panel operator will immediately be able to listen to the person at the Call Station. To speak with that person, push and hold the “Push to Talk” switch on the Master Panel. Release the switch to listen. Volume level for both talk directions can be independently adjusted on the “amplifier board” mounted in the rear of the Master Panel backbox (use the potentiometers to adjust audio levels).

When finished with the call, momentarily press the active zone switch again to disconnect voice communication to the Call Station, then press and release the “Reset All Zones” button to clear the zone call(s). The “Reset All Zones” button does not work until ALL zone calls have been answered and completed (all zone buttons are latched out).

Each zone on a Master Panel has a yellow “Fault” LED. If a wire fault exists in the wiring between a Call Station and the Master Panel, the yellow LED will illuminate for that zone. A slow, repeating audible alarm will sound at the Master Panel to indicate the wiring issue.

Voice communication can be initiated at any time to any Call Station by depressing the appropriate zone switch, indicated by the green LED illuminating for that zone. To cancel communication, depress the zone switch button again, causing the green LED to turn off.

ADDITIONAL FEATURES

Each zone has an open collector transistor output (sink, rated at 500mA, 40V max) which turns on from the time a call is placed until the “Reset All Zones” switch is depressed. These outputs are labeled “AUX”. On the power supply/tone board are normally open relay contacts (125VDC/AC, 2.5A max.) which close if ANY zone is activated. They remain closed until the reset switch is depressed. These 2 terminals are labeled “AUX”.