Smoke Sensor w/Escape Light
Instructions For Installing The Smoke Sensor w/Escape Light

The Smoke Sensor w/Escape Light is a smoke/fire detector with specially designed additional electronics that allow it to interface to a Room Alert ID Box. It is powered by one 9v Alkaline battery which should be replaced at least once per year. Please schedule the replacement of batteries on an annual basis to help guarantee battery reliability. Test the Smoke Sensor initially by pressing its 'Test' button. The Smoke Sensor should also be tested once a month by pressing the 'Test' button to ensure that the unit is operational. A very loud 'buzzer' should sound when the test button is pressed.

NOTE: When these sensors are shipped the battery is placed in the battery tray backwards and upside down to prevent the 'buzzer' from engaging during transport. Make sure to remove the battery and place it in the battery tray properly before continuing with setup.

Carefully mount the Smoke Sensor to the ceiling or wall at a suitable position in the room using the two mounting holes in the base of the unit. It must be located at least 18 inches from the corners of any walls and ceilings to avoid smoke 'dead-spots'.

To connect the Smoke Sensor to the Room Alert ID Box, run the sensor cable back to the Room Alert ID Box and connect the wire to the contacts for a single switch sensor. There is no polarity associated with the connections on the ID Box.

Mount the Smoke Sensor where desired and run the sensor cable back to the Room Alert ID Box. Connect the sensor cable to the contacts for a single switch sensor.

Sensor cable can be any low voltage cable such as bell wire, speaker cable, data cable or telephone cable. Minimum voltage insulation 50v, minimum current carrying capacity 1A. Maximum recommended length is approximately 100´ although shorter lengths will yield more reliable performance and distances up to 900´ are possible. Test your setup to ensure proper operation. The Smoke Sensor provided with Room Alert is 'Volt-Free'.

IMPORTANT SAFETY NOTICE

The Screw Connectors On The Sensor ID Boxes Are Volt-Free Contacts Only. Do Not Connect These Terminals To Any Live Circuit. A Qualified Electrician Should Be Consulted To Test Any Wires You Connect To The Room Alert ID Box For The Presence Of Electrical Voltages And If Any Are Detected, They Must Not Be Wired To The ID Box. The ID Box May Become Dangerous If You Connect It To A Live Circuit. Never Connect Main Power To Any Of The Room Alert Sensors Unless Specifically Instructed To Do So Using The AVTECH Software 5V Power Adapter. If Required, An AVTECH Software 5V Power Adapter Will Be Included With That Sensor. DO NOT Use Switch Sensors In 'Explosive' Environments Unless Approved For Those Environments.