

CUSTOMER OPERATING INSTRUCTIONS FOR N.F.P.A. 72A (LOCAL)  
AND 72C (REMOTE STATION) MODEL TS-12

"This equipment is manufactured under strict compliance to U.L. Standard 864 to be installed by qualified installers only".

OPERATING INSTRUCTIONS

**NORMAL:** Green A.C. indicator shall be on at all times. If for any reason it should be out, check fuses associated with control panel. Fusing of this control should comply to article 760 of the National Electrical Code.

**ALARM:** If an alarm should sound, immediately evacuate the premise. Upon investigation, if no fire hazard is present. Silence the sounding devices by operating the signal silence switch on the zone that is in the alarm mode. When the cause of the alarm has been corrected, operate the system reset switch and restore the signal silence switch to the NORMAL position.

**TEST:** Operation of this switch alarms all zones and rings the local sounding devices. **NOTE:** If connected to a remote station, notification of this test should be done prior to testing. **CAUTION:** When resetting system from the test, HOLD DOWN system reset switch, while moving the test switch back to the NORMAL position, then release the reset switch.

**ALARM SILENCE:** To silence alarm, operate alarm silencing switch on the zone that has activated.

**RESET SWITCH:** This switch resets all zones from the alarm condition and restores the system to NORMAL.

**TROUBLE SILENCE SWITCH:** In the event of a system trouble, the yellow trouble indicator will be on as well as the trouble audible. To silence the audible operate the TROUBLE SILENCE SWITCH to the SILENCE position. When the trouble has been corrected the audible will sound again to remind you to move the switch to the NORMAL position.

**LAMP & FUSE REPLACEMENT:** This should be done by a qualified alarm installer and only exact replacements made.

**BATTERIES:** No maintenance is required on the batteries supplied by the original manufacturer of the control unit. These batteries normally have a life expectancy of 3-5 years. **NOTE:** In the event that Dry cell batteries were used, the panel will indicate replacement time by activating the zone trouble signals when control is being run off the batteries.

FOR SERVICE CONTACT:

**MAINTENANCE:** Maintenance is best performed by your installing company with their trained service personnel. This unit is intended to be installed in accordance with requirements of N.F.P.A. standard 72, A and C and local authorities having jurisdiction.

**NOTIFICATION PROCEDURES:** Upon completion of the alarm installation notify the local fire authorities and request their procedures for notification.

**ADDITIONAL NOTES:** Testing of the system should be performed once a week in the A.C. on and stand-by battery mode.

## MODEL #TS-12 HOUSEHOLD FIRE WARNING CONTROL UNIT

"This equipment is manufactured under strict compliance to U.L. #864 and U.L. #985 to be installed by qualified alarm installers only."

### OPERATING INSTRUCTIONS:

**NORMAL:** Green power indicator shall be on at all times. If for any reason it should be out, check fuses associated with control panel. The A.C. fuse for this panel should be isolated from other household appliances.

**ALARM:** If an alarm should sound, immediately evacuate the premise. Upon investigation, if no fire hazard is present, silence the sounding devices by operating the signal silence switch on the zone that is in alarm. When the cause of the alarm has been corrected, operate the system reset switch and restore the signal silence switch to normal.

**TEST:** Operation of this switch alarms all zones and rings the local sounding devices. **NOTE:** If connected to a remote station, notification of this test should be done prior to testing. **CAUTION:** When resetting system from test, hold down system reset switch, move alarm test switch to normal, then release reset switch.

**ALARM SILENCE:** To silence alarm, operate alarm silencing switch on the zone that is attached.

**RESET SWITCH:** This switch resets all zones from alarm conditions and restores system to normal.

**TROUBLE SILENCE SWITCH:** In the event of a system trouble, the yellow trouble indicator will be on as well as the system Sonalert. To Sonalert, operate trouble silence switch. When trouble is corrected the Sonalert will again sound indicating the trouble silence switch should be returned to normal.

**LAMP & FUSE REPLACEMENT:** This should be done by a qualified alarm installer and only exact replacements should be made.

**BATTERIES:** No maintenance is required on batteries supplied by the original manufacturer of the control unit. These batteries normally have a life expectancy of 3-5 years. **NOTE:** In the event that non-rechargeable batteries are being used, the panel will indicate replacement time by activating the zone trouble signal if running from battery power.

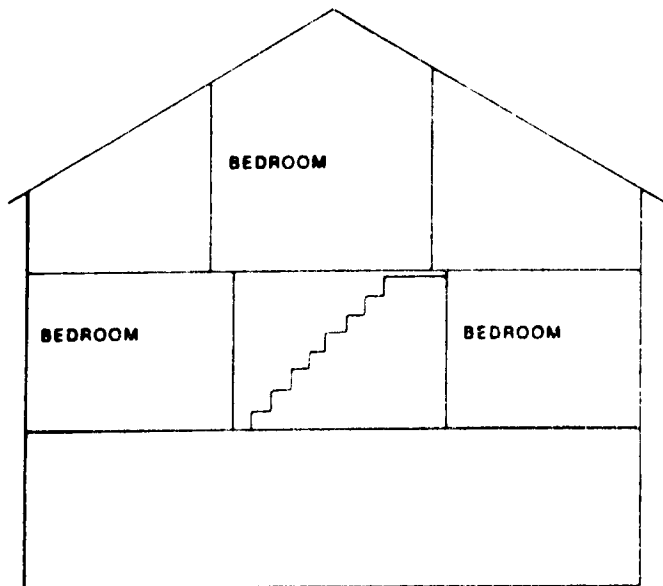
### FOR SERVICE CONTACT:

**MAINTENANCE RECOMMENDATIONS:** This control unit was manufactured under rigid quality standards and complies with all U.L. requirements for its intended use. Maintenance is best performed by your installing company with trained service personnel. Call them when your alarm system needs servicing. This unit is intended to be installed in accordance with the requirements of N.F.P.A. standard #74 and the local authorities having jurisdiction.

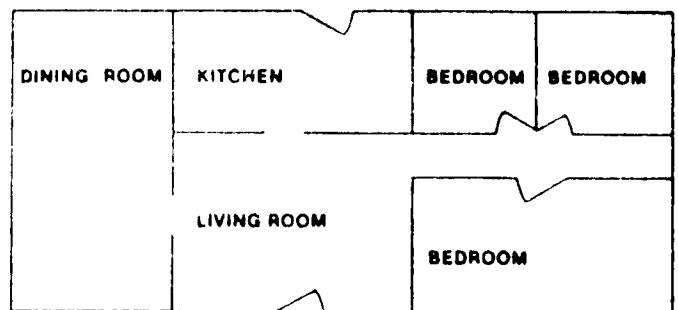
**NOTIFICATION PROCEDURES:** Upon completion of alarm installation, notify the local fire authorities and request their procedures for notification.

**ADDITIONAL NOTES:** The National Fire Protection Association publishes a standard for household fire warning equipment, N.F.P.A. #74. Their address: 470 Atlantic Ave. Boston, MA 02210. Testing of the system should be performed once a week in both the A.C. on and standby battery modes. Your neighbors cooperation and understanding is important when you are away from home. Advise them that you do have a system and to notify the proper authorities should they hear your alarm sounding. **OPTIONS:** Providing for remote signalling to the fire department is a simple addition. Call your installing company for specific details.

## TYPICAL SMOKE DETECTOR LAYOUT (proposed)



IN HOMES WITH MORE THAN ONE SLEEPING AREA A SMOKE DETECTOR SHOULD BE PROVIDED TO PROTECT EACH AREA



SMOKE DETECTOR SHALL BE LOCATED BETWEEN THE SLEEPING AREA AND THE REST OF THE HOUSE.

### NOTES

1. \* DESIGNATES SMOKE DETECTORS
2. REFER TO NFPA-74 APPENDIX B-1.1 THRU B-10

MOUNT ADJACENT TO CONTROL UNIT IN A FRAMED ENCLOSURE.

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