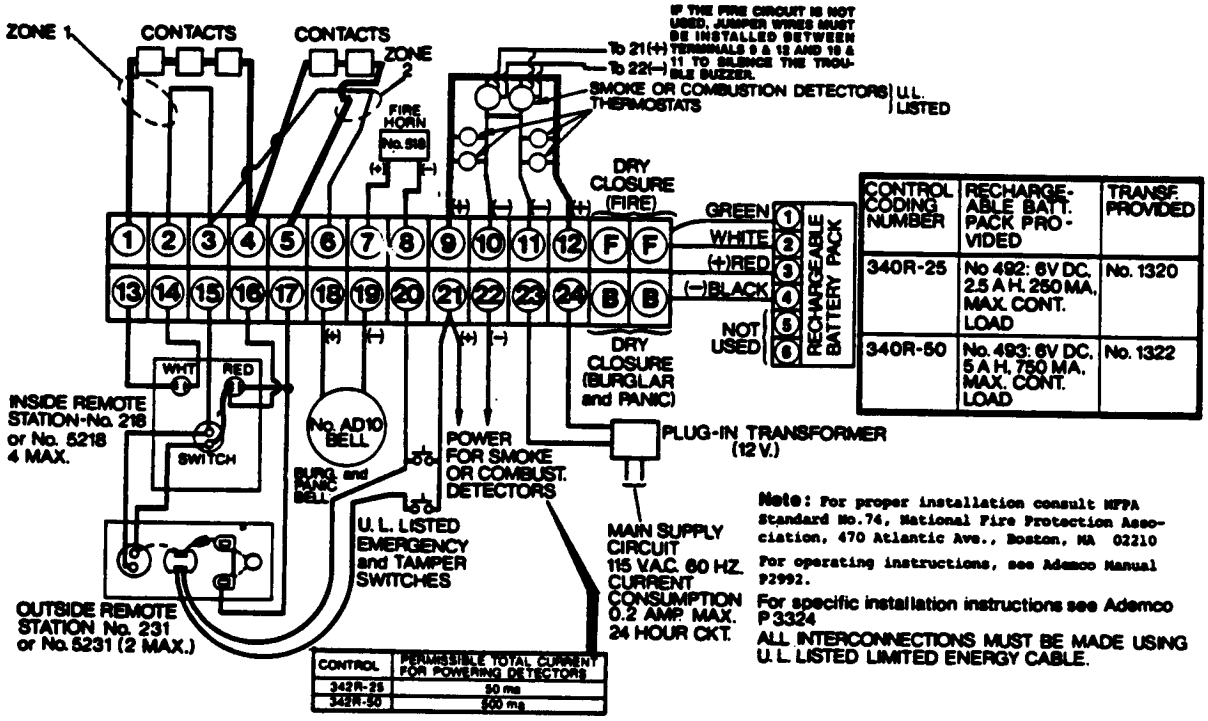
No. 340R COMBINATION ALARM SYSTEM



CONTROL CODING NUMBER	RECHARGEABLE BATT. PACK PROVIDED	TRANSF. PROVIDED
340R-25	No 492: 6V DC. 2.5 A H. 250 MA. MAX. CONT. LOAD	No. 1320
340R-50	No. 493: 6V DC. 5 A H. 750 MA. MAX. CONT. LOAD	No. 1322

WIRING INSTRUCTIONS:

TERMINALS:

1,2,3 & 4 — BURGLAR ALARM CIRCUIT Zone 1

3,4,5 & 6 — BURGLAR ALARM CIRCUIT Zone 2

If a short circuit develops in either Zone 1 or Zone 2, a short circuit lamp, (Ademco No. 47), visible on the left hand side of the panel, will light. To test lamp, short terminals 3 and 4.

Note: If lamp is burned out, panel will not arm (WHITE lamps on remote stations won't light).

7 & 8; 18 & 19 — INDICATING DEVICE CIRCUITS, 6V. DC, 3 amps, non-supervised. Put no more than 3 amp maximum draw on both circuits combined.

9,10,11, 12 — FIRE ALARM CIRCUIT, 6V.DC, 1 amp, 10 ohms max. impedance. Supervised. Connect to U.L. Listed thermostats, smoke or products of combustion detectors. Use no more than the number of smoke or products of combustion detectors shown in the tabulation on the wiring diagram. POLARITY MUST BE OBSERVED. Note: NFPA Std. No. 74 requires the use of at least one smoke detector in every residential installation.

13,14,15, 16 & 17 — REMOTE STATIONS Inside remote stations are wired in parallel to terminals 13,14,15,16 & 17. Outside remotes are wired to terminals 15,16,17 & 20 as shown on the installation diagram. A maximum of 4 inside and 2 outside remotes can be used.

20 & 21 — PANIC AND TAMPER CIRCUIT Wire as shown using U.L. Listed, normally open, momentary contact switches. Attach a last switch at the end of the circuit near the control box. This is used as a test switch as well as an emergency button.

amp, 24 hour outlet not controlled by a switch.

RD, BLK, GR & WH (Leads)	RECHARGEABLE POWER SUPPLY Connect as shown. Red (+) to 3, Black (-) to 4, Green to 1 and White to 2. Proper operation of the system depends upon the completion of these connections.
B,B	DRY CLOSURE across these terminals whenever burglar or panic circuit is activated. (Rating: 3A, 28V.)
F,F	DRY CLOSURE across these terminals whenever fire circuit is activated. (Rating: 3A, 28V.)
X & X	ENTRY/EXIT DELAY Wire entry/exit doors as shown. To set delay time, turn both delay wheels (left side of panel) to extreme left. Turn entry wheel (top wheel) half way to right and turn remote to red light. Wait 20 seconds and open entry/exit door. Note length of time before signalling devices sound. If this entry delay time requires adjustment, turn entry wheel and repeat as above. To set exit delay, turn exit wheel (lower wheel) half way to right. Turn remote to red light and make note of time. Open entry/exit door (leave open) and stop timing when alarm sounds. Subtract entry time set previously. Remainder is exit time. Readjust, if required, as above.
Y & Y	DELAY ON/OFF SWITCH A switch can be used to turn the entry/exit delay on and off. Wire this switch to terminals Y and Y of the No. 332R. With the switch "ON" (closed), the delay is eliminated.
C,16 & 19	ENTRY DELAY WARNING DEVICE Ademco's No. 706 Mini-Howler may be used to warn the user that the entry delay has been activated. Connect terminals 1,2 (-), and 3 (+) of the No. 706 to terminals C,19 (-) and 16(+) respectively of the No. 332R. Cut the jumper wire on the No. 706.
YELLOW WIRE & E	BURGLAR SIGNAL CUT-OFF Burglar signalling circuit is preset to shut off after 15 minutes. Time may be increased to 30 minutes by cutting the yellow loop of wire at the bottom left of panel. Cut-off function may be prevented entirely by cutting the yellow loop and connecting terminal E to terminal 22. Signal will then sound, upon alarm, as long as power is available from battery pack, or until reset.
No. 334 Pulser Module	When using the No. 334, only one inside warning device is required. The No. 334 provides for two different sounds from one signalling device. This unit must be mounted inside the control cabinet.

Battery Capacity for Emergency Standby: At least 6 hours. Total current drain of connected smoke or combustion detectors must not exceed permissible values given in table above.

Light on Panel indicates AC power is connected. Loss of light indicates that system is operating from standby power.

21 & 22	AUXILIARY SUPPLY CIRCUIT, for powering smoke or products of combustion detectors, with capacity of 6 V.DC, 50 MA max. with use of No. 492 Battery Pack and 6 V. DC, 500 MA max. with No. 493 Battery Pack.
23 & 24	MAIN SUPPLY CIRCUIT Connect Plug-In Transformer as shown using no more than 25 ft. of U.L. Listed 18 AWG wire. Plug transformer into 115 V.AC 60 HZ, 0.2 amp, 24 hour outlet not controlled by a switch.
RD, BLK, GR & WH	RECHARGEABLE POWER SUPPLY Connect as shown. Red (+) to 3, Black (-) to 4, Green to 1 and White to 2. Note: Proper operation of the system depends on the completion of these connections.
B,B	DRY CLOSURE across these terminals whenever burglar or panic circuit is activated. (rating: 3A, 28V.)
F,F	DRY CLOSURE across these terminals whenever fire circuit is activated. (rating: 3A, 28V.)
No. 334 Pulser	When using the No. 334, only one inside warning device is required. The No. 334 provides for two different sounds from one signalling device. This unit must be mounted inside the control cabinet.

Battery Capacity for Emergency Standby: At least 6 hours. Total current drain of connected smoke or combustion detectors must not exceed permissible values given in the table above.

Light on Panel indicates AC power is connected. Loss of light indicates that system is operating from standby power.
Fire Test Switch on panel tests fire circuit and standby power. Light on panel will be OFF during this test.