

TROUBLESHOOTING Nos. 94, 96, 97, 358, 359, 492, 493, 497

TROUBLE: 1. NO OUTPUT FROM POWER SUPPLY.

<u>PROBABLE CAUSE</u>	<u>REMEDY</u>
A. <u>Blown fuse</u> in the case of Nos. 97, 358, 359 and 497.	A. <u>Replace fuse</u> with No. 90-6, 6 ampere type.
B. <u>Open circuit breaker</u> that will not reset (in the case of Nos. 492 and 493).	B. <u>Unit must be returned for service.</u>
C. <u>Defective circuit element.</u>	C. <u>Unit must be returned for service.</u>

TROUBLE: 2. DESIRED PERFORMANCE IS NOT OBTAINED FROM UNIT.

<u>PROBABLE CAUSE</u>	<u>REMEDY</u>
A. <u>Batteries contained in unit are not fully charged</u> (be sure plug-in transformer is installed in an unswitched outlet). <u>NOTE:</u> For each 6 months of unused storage, sealed lead acid cells (in Nos. 492 and 493) must be fully charged for 24 hours.	A. <u>Be sure unit has an active (24 hour) AC input.</u>
B. <u>Device is operated beyond its limitations</u> (consult wiring key on the side of the unit for maximum outputs available).	B. <u>Use devices that do not exceed the capacity of each power supply as outlined on the side of each unit.</u>
C. <u>Cells are permanently depleted.</u>	C. <u>Replace cells with new ones.</u>

NOTE: 1. Only in the case of Nos. 492 and 493, should any extra continuous current be drawn from the unit (e.g. through smoke detectors, remote stations or adaptors). Except for these two power supplies, all other units are used only to power the protective circuit and alarm output devices.

NOTE: 2. If, after a prolonged alarm condition, new batteries are required, the old batteries must be put on a 24 hour charge without a load. DO NOT leave a sealed lead acid battery in a highly discharged condition for more than 48 hours without charging.

TROUBLE: 3. IN BELL RINGING APPLICATIONS, BELL(S) DOES NOT RING LOUDLY ENOUGH OR DOES NOT SHUT OFF AT THE PREDETERMINED TIME (IN THE CASE OF NOS. 358 AND 359).

<u>PROBABLE CAUSE</u>	<u>REMEDY</u>
A. <u>Insufficiently charged batteries</u> in unit (plug-in transformer must be installed in a 24 hour outlet).	A. <u>Be sure unit is being charged 24 hours a day</u> (the plug-in transformer must be installed on a non-switched outlet).
B. <u>Defective circuitry in unit.</u>	B. <u>Return unit for servicing.</u>
C. <u>Improperly matched "timing" resistors.</u>	C. <u>Consult table in Installation Instructions for proper matching.</u>