

Satellite Siren

— further notes

A number of readers have requested further information on this project (September 1987) — particularly on how to actually install the unit into an existing alarm system. Here we include a simplified explanation and a connecting up diagram.

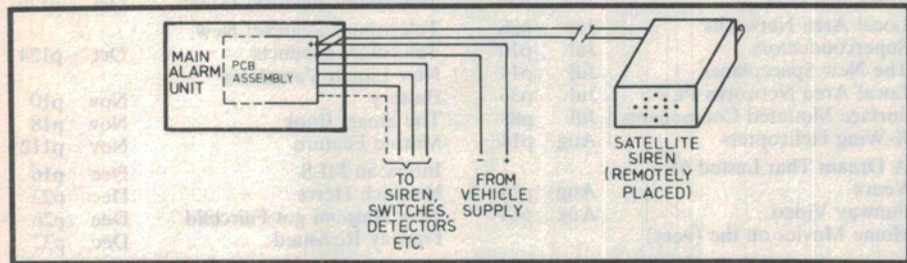
The Satellite Siren is a second, self contained “backup” alarm that is activated only when the main alarm wiring is interfered with or the vehicle battery is disconnected. It of course includes its own backup battery, circuitry and a siren.

As can be seen in Fig.1, the Satellite Siren does derive its power from the main alarm, but only for keeping its NiCad batteries charged. Whilst power is connected to the siren its batteries are being kept at full charge and the siren is deactivated. However if the wiring loom to the main alarm is cut, the battery is

disconnected or the wires connecting the satellite siren are cut, the Siren is activated. Once this occurs the only way to disable the Satellite Siren is by operating the key switch provided.

When one realises that the addition of only a back up 12V battery into an existing alarm system could cost up to \$35 (10AA NiCads) the Satellite Siren starts to look like a pretty good proposition. And whilst it automatically provides “back up battery operation” it also provides the benefit of a totally self contained second alarm system which is remotely placed with respect to the main alarm.

When installing a satellite siren the two required wires should be blended into the existing main alarm loom. It would also be good practice not to correctly colour code the two wires (anything except red and black would do). The required wiring should also be tied to existing car looming rather than being kept separate. The points men-



tioned should be considered as good practice in any alarm installation.

We hope that the additional information included here answers all of the interested readers questions.