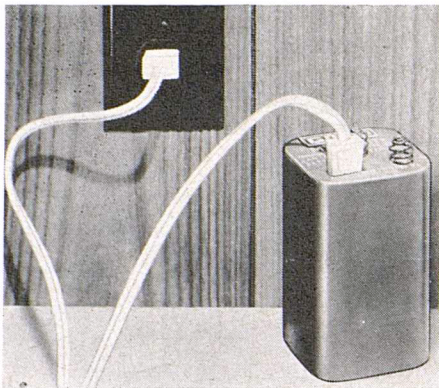


## PRODUCT NEWS

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### Lantern Batteries

**RSC-27**

Lantern batteries which can be recharged 250 times are Nicad types LBC-23 and LBC-40. Both types are designed for charging on 110-120 volts AC, 60 cps, and recharge to full capacity in 14 hr or less. Type LBC-23 is rated at 5 volts and has four 2.3 ah cells, while type LBC-40 is also rated at 5 volts, but has four 4.0 ah cells. The LBC-23 will replace approximately 175 dry cells on continuous service and 100 dry cells on intermittent service. Type LBC-40 will replace approximately 320 dry cells on continuous service and 180 dry cells on intermittent service. *Nicad Division, Gould-National Batteries Inc.*

### Plastic Guy Guard

**RSC-28**

An improved dual-purpose plastic guy guard serves as a warning device and provides all-around protection for guy strands and dead-ends. Eliminating the need for clamps, nuts and

bolts, the new one-piece Preformed plastic guy guard can be applied quickly and easily without tools or special skills. Supplied in bright yellow, green and gray high-impact vinyl plastic that is not affected by severe temperature extremes or other weather conditions, the new guard assures visibility of the guy strand at all times. Its smoothly contoured surfaces have no jagged or sharp edges.

Slit vertically, the flexible plastic guy guard is applied to the guy strand and secured with a galvanized steel retaining rod which is wrapped in a spiral fashion around the guard and bound at the top. The retaining rod can also be furnished in other materials, such as copper-covered, aluminum-covered, or stainless steel, where compatibility with the strand material may be required. *Preformed Line Products Co.*

### Hotbox Detector

**RSC-29**

A new battery-operated hotbox detector operates at 24 volts DC. Its battery can be recharged at low level by a line-connected battery float charger.

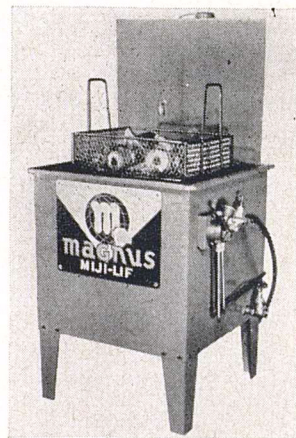
A new recorder designed for hotbox detector use is available with either ink or electric writing. Electric writing gives more reliable indication of high pips which represent hotboxes, says GE, but ink writing provides substantial savings in paper cost. The new recorder includes an amplifier with removable component boards for easy replacement.

A redesigned hotbox detector scanner contains a built-in provision for heat source which may be used for remote testing of the system's operation. Life and reliability of sensing

elements have been improved by the use of a new bolometer window material which provides a true hermetic seal. Germanium lenses, replacing previously used arsenic trisulphide lenses, greatly reduce interference from sunlight and are less subject to scratching.

A redesigned wheel pickup gives greater sensitivity at low speed and improved resistance to moisture and impact. A more readily portable alignment fixture has been provided which is more stable on the track and is more quickly set up and removed.

One detector may feed information to two displays by using a new switching panel. In this way, information on one train may be stored while that train is switched to a siding, and a second train scanned and information shown on a second display. *General Electric Co.*



### Parts Cleaner

**RSC-30**

The combination of a Miji Lif cleaning machine charged with Magnus 798 has been found ideal for parts cleaning in signal shops. Capable of cleaning