



**sleek new  
single channel  
outfit  
from  
Ariel  
Electronics**

# contact

OVER the years, transmitter case design has tended to get into something of a rut, although recently in the proportional field we have seen some departures from convention. Ariel Electronics, in making their entry into the single channel field, have reconsidered the basic requirements and come up with a case design which is so obvious that one wonders why it has not been done before. Similar originality has been

applied to the receiver and also the packaging; the complete outfit is supplied packed in a fluorescent orange tube!

## General

Two versions of the equipment are available, both employing the same super-regenerative relay receiver; the Contact "Major" outfit has a crystal-controlled transmitter and the Contact "Minor" a non-crystal-controlled version of lower

output. A "Major" outfit was received for review. The relay incorporated in the receiver is a heavy duty type by model control standards and so enables the equipment to be used for wider applications in the 27 Mc/s Scientific, Industrial and Medical Band. This also explains the use of a 27.12 Mc/s crystal for the Tx in place of 27.255 Mc/s more commonly used with s/regen equipment.

## Transmitter

This is housed in an orange anodised tube with grey plastic end-caps retained by self tapping screws. The top cap carries the aerial socket and the on/off slide switch, a double pole type with poles connected in parallel. On our example no indication was provided for "on" and "off," although the instructions refer to a "red position" on the Major Tx, the Minor apparently having this function incorporated on the keying button.

The base-loaded, 10 section, telescopic aerial screws into the socket via a stud in the aerial base. We would like to have seen more support applied to the bottom section of the aerial, as we have previously experienced this type of stud working loose in the aerial base.

Approximately the top 3in. of the tubular case are taken up by the p.c. board, and two battery holders occupy the remaining length. Fly leads from the p.c. board connect to the holders by means of press studs; an expanded

