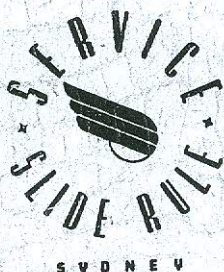


OPERATING INSTRUCTIONS

**“THE REED”  
ELECTRONIC ENGINEERS’  
SLIDE RULE**



PUBLISHED BY THE MAKERS OF THE  
SERVICE SLIDE RULE, SYDNEY, N.S.W.

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PRICE — ONE SHILLING AND SIXPENCE

*OPERATING INSTRUCTIONS.*

*THE "REED" ELECTRONIC ENGINEER'S*

*SLIDE RULE.*

*(J. G. Reed, M.I.E., Aust, Chartered Engineer.)*



## INTRODUCTION.

The Slide Rule in its many forms is a valuable mathematical tool employed by engineers, physicists, and scientists for the rapid solution of problems. The "REED" Electronic Engineer's Slide Rule has been designed to provide a group of scales within one instrument, meeting the requirements of the ever growing army of workers engaged in the various branches of Electronic Engineering.

Before describing the functions of the various scales, a few words as to the construction, and care of the slide rule will prove of assistance to those entering their life long association with an instrument which will prove an indispensable assistant in the solution of a surprisingly wide range of problems.

1. Treat your Slide Rule as a precision instrument, keeping it clean, and never leaving it uncovered on desk or bench for protracted periods to collect dust or suffer accidental contact with tools or equipment which may injure the surface of its scales. The carrying case for this slide rule has been specially treated to ensure long life under hard working conditions.

2. At intervals, the slides and cursor should be cleaned by rubbing with a soft cloth after breathing on the slides and glass, similar to the cleaning operation made use of in connection with spectacles. Keeping the slides free from dust will ensure smooth operation and elimination of minute surface scratching; an important point which reflects the character of an engineer in the treatment of this most important tool of trade.

3. Lubrication of the slides at regular intervals will ensure smooth operation, and for this, a light application of paraffin wax to the slide is recommended. Do not use candle wax, as the stearine content of this wax will cause corrosion and gumming; the grade of paraffin wax sold for laundry purposes makes an excellent lubricant. Oil or spirit of any kind should not be applied to the surface of the slide rule. Alcohol or methylated spirit has a solvent action on the scale material of the slide rule, and will cause distortion and shrinkage.

