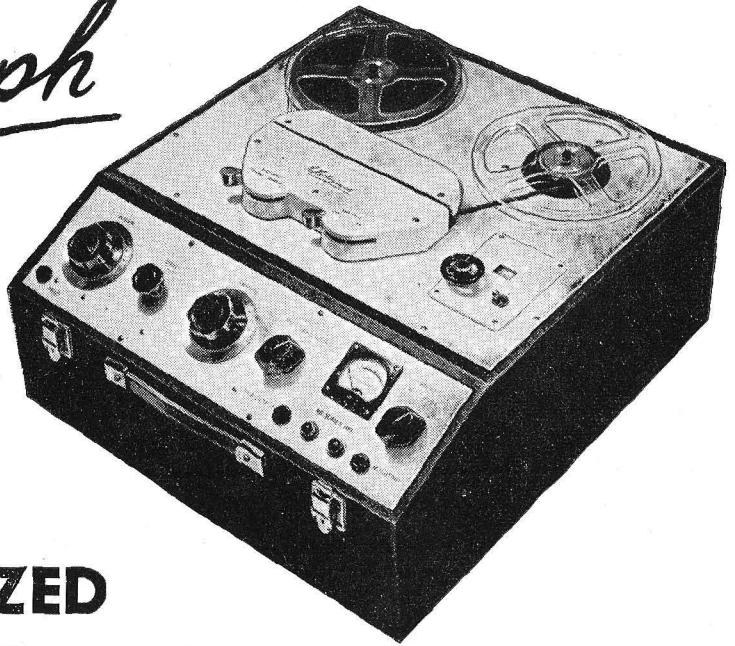


Reflectograph

present the new R.R. (Record/Reproducer) Series 100 Magnetic Tape Recorder—an instrument of advanced circuit design and flexibility, with the following outstanding features:—



FULLY TRANSISTORIZED PLAYBACK AMPLIFIER

Two Frequency Ranges:—
60—12,000 cycles \pm 3dB.
D.C. Levels to 100 cycles (—3dB)

Separate Record and Playback Amplifiers.

Full Monitoring facilities during Recording.

Continuously Variable Tape Speed from 3.75" to 8.50" per sec.

New type Carrying Case with hinged bottom, permitting immediate access to interior of instrument for the storage of accessories and for inspection of electrical and mechanical units.

IN THIS RECORDER no output stage is fitted; instead, a separate record and playback amplifier are provided delivering an equalized output of 300mV (Peak). During recording, the instrument operates from the mains supply in the conventional manner. On playback, however, all power supplies are switched off with the exception of the mains to the tape drive mechanism. The playback amplifier then operates from a small dry battery and so permits the full advantage of low noise and "hum" to be obtained from this unit during the playback function. The record level meter is switched to read "Transistor D.C. volts," "Record head bias volts," and "Record level," while, due to the unique design of the carrying case, all preset controls, mechanical and electrical units, are immediately accessible by unlocking and swinging down the hinged bottom.

The tape rewind is electrically interlocked with the record/playback switch to avoid accidental erasure during rewind, and coloured signal lamps indicate the record and playback functions.

In the home, when recording from an F.M. transmission, this instrument permits a playback quality virtually indistinguishable from the original signal, while in industry and research with the addition of the Model "T" sub-unit which plugs into the input and output sockets of the recorder, signals of D.C. levels and up to 100 cycles (—3dB) may be recorded.

The new R.R. Series 100 may be seen, heard and demonstrated with other models in the Reflectograph range on Stand No. 208 at the National Radio Show, Earls Court.

RUDMAN DARLINGTON (ELECTRONICS) LTD

Wednesfield, Staffs. Tel: Wolverhampton 31704