

RECORDING OUTFITS REG(1) AND REG(2)

SUMMARY OF DATA

PURPOSE

Wire recording of speech and similar applications where high fidelity is not required.

MAJOR UNITS

REG(1)

Patt. 67555 Wire Recorder
 Patt. 67556 Box of Spares

REG(2)

Patt. 67557 Wire Recorder
 Patt. 67558 Box of Spares

REG(1) AND (2)

Patt. 67671 Wire stainless steel,
 recording 0.004 in. diam.
 on spool.



OUTFIT REG(1)

BRIEF DESCRIPTION

Outfit REG(1) is a commercially produced wire recorder which becomes Outfit REG(2) when fitted with Voice Operated Switching. The signal is recorded as magnetic fluctuations on stainless steel wire which passes from the supply spool to the take up spool via the erase coil and record/reproduce head. Two wire speeds are available by choice of the appropriate pulleys; the slow speed gives 66 mins. playing time whilst the fast speed runs for 33 mins. and gives improved reproduction. The A.F. amplifier has alternative inputs, viz the microphone input to the first valve or the higher level input to the second valve. Volume control is common to both circuits and should be adjusted so that input peaks just cause striking of the neon level indicator. The output to the recording head is mixed with a 30 Kc/s supersonic bias voltage generated by a 6V6 valve, this valve being inoperative during playback. The same A.F. amplifier is used for playback and feeds an internal loudspeaker with provision for a low impedance output to telephones.

POWER REQUIREMENTS AND CONSUMPTION

Power Supply 230V 50 c/s.
 Power Consumption 140 W.

RECORDING MEDIUM

Stainless steel wire 0.004 in. diam. A.P.67671.

RUNNING TIME

Slow Speed 66 mins.
 Fast Speed 33 mins.

TYPICAL FREQUENCY RESPONSE

Fast Speed 100 c/s to 5 kc/s \pm 4 dB.

INPUTS

Low Level: High impedance suitable for dynamic or crystal microphone.

High level (approx. 0.25V max.): high impedance, suitable for radio broadcasts.

OUTPUTS

(a) Low impedance to internal loudspeaker.

(b) Low impedance for telephones.

PHYSICAL DATA

Height 15½"

Depth 11"

Width 13"

Weight 57 lb.

OTHER SERVICE OR COMMERCIAL EQUIVALENT

For REG(1) Messrs. Boosey & Hawkes "Wirek" Type A.

HANDBOOK

B.R.1969.

ESTABLISHMENT LISTS

E.1004 (REG(1))

E.988 (REG(2)).