



GRID DIP METER

'BUILD-IT-YOURSELF' KITS

MODELS GD-IU and (TRANSISTORISED) XGD-I

These instruments are extremely useful in the design, construction and operation of Radio and TV equipment. In particular they can be used for checking resonant frequency of tuned circuits without the necessity for removing components.

Other applications include the alingment of I.F. stages, traps and filters, and various uses in coil winding applications.

Model GD-IU covers 1.8 to 250 Mc/s in five bands, with extension down to 350 Kc/s using additional coil set model 341-U (15s. 0d. extra). The compact size allows it to be held close to the circuit under test in one hand, leaving the other hand free for circuit adjustments. It has the additional advantage that it can be used as an absorption wave meter.

A phone socket is provided for listening to "zero beat" against another oscillator in order to determine its frequency. A 500 μ A panel meter is used for visual indication and a variable sensitivity control is also provided. Five pre-wound plug-in coils are provided for continuous frequency coverage from 2 Mc/s to 250 Mc/s.

Model XGD-I is a transistorised version, which is powered by self-contained 9 volt dry battery (not supplied with the kit), and as such is a completely portable instrument free of trailing mains leads etc. Frequency range covered, 1.75 Mc/s to 45 Mc/s in five bands.



MODEL GD-IU

(Model XGD-I is similar in presentation)

GD-IU £9. 19. 6. XGD-I £9. 18. 6.

Delivered free in U.K.

SPECIFICATIONS

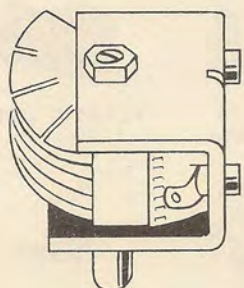
		GD-IU	XGD-I
Frequency Range :	Band A	1.8 to 5.2 Mc/s.	1.75 Mc/s to 3.6 Mc/s.
	Band B	5.0 to 13.8 Mc/s.	3.4 Mc/s to 6.8 Mc/s.
	Band C	13.5 to 37.0 Mc/s.	6.6 Mc/s to 13 Mc/s.
	Band D	35 to 100 Mc/s.	12.5 Mc/s to 25.5 Mc/s.
	Band E	97 to 250 Mc/s.	24.5 Mc/s to 45 Mc/s.
Resonance Indication :	Visual.	500 μ A 2 $\frac{1}{2}$ " square moving coil meter.	
	Aural.	Using headphones. 'Phone socket fitted on the front panel.	
Front Panel Controls :	Tuning.		Tuning
	Sensitivity/on-off switch.		Sensitivity/on-off switch.
	Absorption wavemeter/ GDO switch.		
Power Requirements :	200-250 volts, 5 watts, 45-60 c/s AC.		9 volt battery. Drydex DT6 or Ever-Ready PP.6 or equivalent 2 $\frac{1}{4}$ " x 1 $\frac{3}{8}$ " x 1 $\frac{3}{8}$ ".
Power Supply :	Double wound transformer, selenium rectifier.		As above
Coils :	5 plug-in coils (3 pin) are supplied complete with coil box. The formers are of polystyrene and are fitted with nickel plated pins.		
Valves/Transistors :	6C4		Oscillator OC170. Detector GEX34. Meter Amplifier XB104.
Finish :	Front and rear panel. Dark grey enamel with white printing. Case. Ash grey wrinkle.		
Dimensions :	7 $\frac{1}{4}$ " x 2 $\frac{1}{2}$ " x 3".		As GD-IU
Weight :	2 lbs.		As GD-IU

DAYSTROM LTD.,

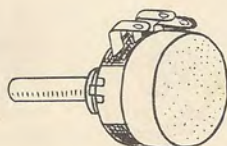
A member of the Daystrom Group, manufacturers of
**THE LARGEST-SELLING ELECTRONIC KIT-SETS
 IN THE WORLD**

COMPONENT IDENTIFICATION CHART

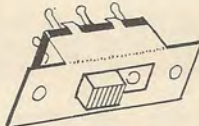
THESE COMPONENTS ARE NOT NECESSARILY IDENTICAL TO THE PARTS IN THIS KIT BUT ARE SUFFICIENTLY CLEAR TO HELP YOU IDENTIFY COMPONENTS IN GENERAL USE.



VARIABLE CAPACITOR.



POTENTIOMETER.



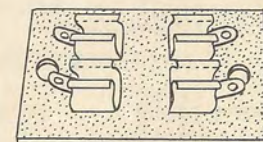
SLIDE SWITCH.



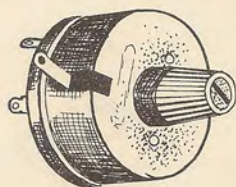
ROTARY SWITCH.



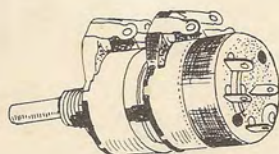
VALVE SCREEN.



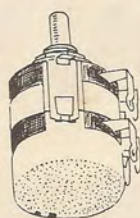
FUSE HOLDER.



CONTROL POTENTIOMETER.



CONTROL POTENTIOMETER (DUAL WITH SWITCH.) OR



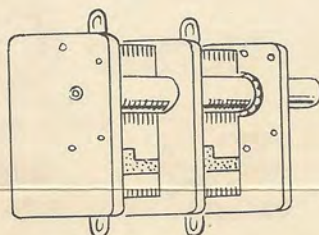
DUAL WITHOUT SWITCH.



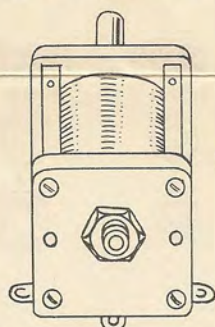
RUBBER FEET.



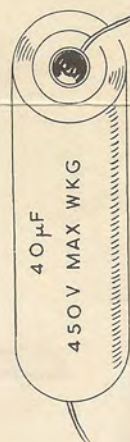
NEON INDICATOR.



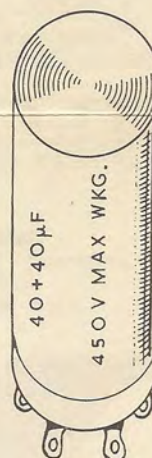
GANGED VARIABLE CAPACITOR



TRANSMITTER CAPACITOR



ELECTROLYTIC CAPACITORS.



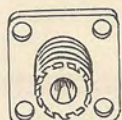
GROMMETS. RUBBER



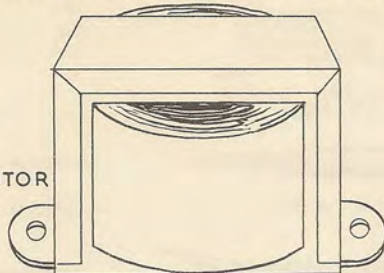
FUSE HOLDER.



LAMP HOLDER.



COAXIAL SOCKET.



TRANSFORMER OR LF CHOKE.



SPEEDNUT.



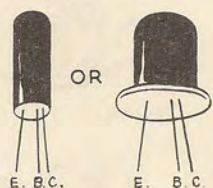
SPRING CLIP.



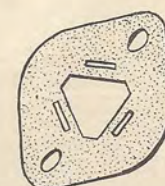
TRANSISTOR SOCKET.



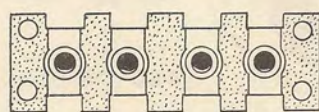
6-BA SOLDER TAG.



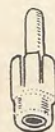
TRANSISTOR.



MOUNTING PLATE FOR ELECTROLYTIC CAPACITOR



INPUT SOCKET (4 WAY)



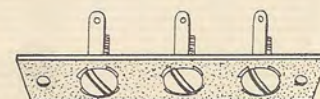
INPUT SOCKET.



SOCKET. WANDER PLUG.



MOUNTING PILLAR.



TERMINALS (3 WAY).