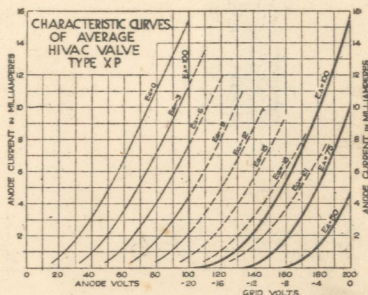


Type XP



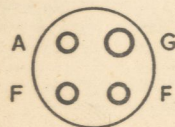
TYPE XP Nominal Rating

Filament Volts	= 2.0 max.
Filament Current	= .066 amps.
Anode Volts	= 100
*Amplification Factor	= 5
*Impedance	= 5,000 ohms
*Mutual Conductance	= 1.0 ma/v.
Length (excluding pins)	= 65 mm.
Diameter	= 16 mm.
Weight	= 13 gms.
*At { Ea	= 75 v.
Eg	= 0 v.



Price 12/6

Connections looking
at base of valve



The XP is a sensitive midget power valve for last stage operation, but is not recommended to drive a loud-speaker.

The XP can be used satisfactorily as an ultra short wave transmitting valve.

The XP is particularly suitable for miniature receivers where economy in LT, HT, and space is of importance.

The XP can be supplied with bakelite base to fit Bayonet Sockets.

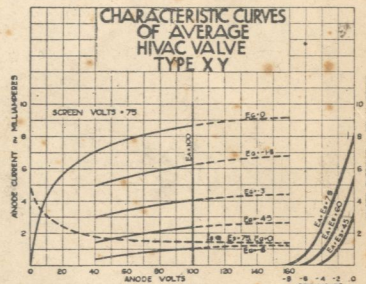
For Short Waves the XP is supplied with white Frequentite base, 6d. extra.

Type XY



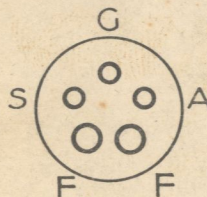
TYPE XY Nominal Rating

Filament Volts	= 2.0 max.
Filament Current	= 0.14 a.
Anode Volts	= 100
Screen Volts	= 100
*Mutual Conductance	= 1.25 ma/v.
*Optimum Load	= 25,000 ohms
*At { Ea = Eg	= 75 v.
Eg	= 0 v.
Height (excluding pins)	= 63 mm.
Diameter	= 20 mm.
Weight	= 27 mg.



Price 15/6

Connections looking
at base of valve



RECOMMENDED GRID BIAS

Anode Volts	75	100
Screen Volts	75	100
Grid Bias	-3.0	-9
Anode Current in ma.	4.0	5.5
Optimum Load in ohms	25,000	15,000

The HIVAC XY is a midget multi-grid pentode type valve specially designed for use in receivers where economy in space, LT and HT are of importance.

The HIVAC XY is extremely efficient, being capable of operating a sensitive loud speaker under optimum operating conditions.

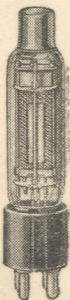


MIDGET VALVES

**THE HIGH VACUUM
VALVE CO. LTD**
111-117 FARRINGTON ROAD
LONDON, E.C.1

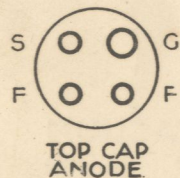
Telephone: Terminus 2587 Inland Telegrams: Hivac, Smith, London
Cablegrams: Hivac, London

Type XSG



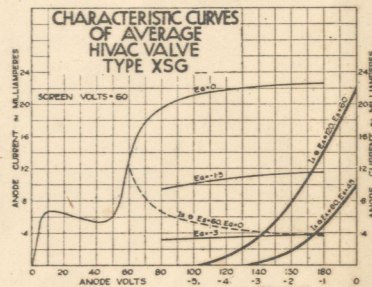
Price 15/6

Connections looking
at base of valve



TYPE XSG Nominal Rating

Filament Volts	= 2.0 max.
Filament Current	= 0.066 amps.
Anode Volts	= 120 max.
Screen Volts	= 60 max.
*Amplification Factor	= 375
*Impedance	= 500,000
*Mutual Conductance	= 0.75 m
Anode-Control Grid Capacity	= 0.02 mmf.
Length (excluding pins)	= 70 mm.
Diameter	= 16 mm.
Weight	= 14 gms.
*At { Ea = 120 v.	
Es = 60 v.	
Eg = 0 v.	



The HIVAC XSG is a high-efficiency, non-microphonic, screen-grid valve specially designed for use in receivers where economy in LT, HT and space are of particular importance.

The XSG is specially suited in HF, LF or Detector positions, yielding results comparable with its standard size counterpart.

The XSG can be supplied with bakelite base to fit Bayonet Sockets.

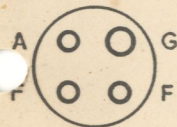
For Short Waves the XSG is supplied with white Frequentite base, 6d. extra.

Type XD



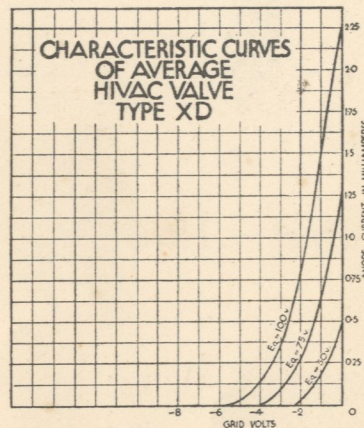
Price 10/6

Connections looking
at base of valve



TYPE XD Nominal Rating

Filament Volts	= 2.0 max.
Filament Current	= 0.066 amps.
Anode Volts	= 100 max.
*Amplification Factor	= 16
*Impedance	= 23,000 ohms
*Mutual Conductance	= 0.75 ma/v.
Length (excluding pins)	= 65 mm.
Diameter	= 16 mm.
Weight	= 13 gms.
*At { Ea = 75 v.	
Eg = 0 v.	



The XD is a midget triode with detector characteristics giving a high degree of magnification with total freedom from microphony.

The XD is particularly suitable for miniature receivers where economy in LT, HT, and space is of importance.

The XD can be supplied with bakelite base to fit Bayonet Sockets.

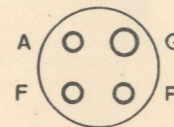
For Short Waves the XD is supplied with white Frequentite base, 6d. extra.

Type XL



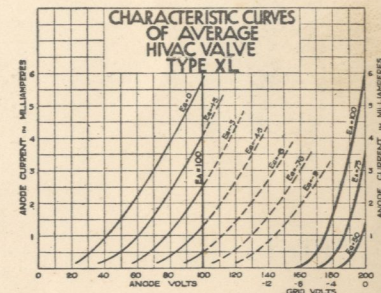
Price 10/6

Connections looking
at base of valve



TYPE XL Nominal Rating

Filament Volts	= 2.0 max.
Filament Current	= 0.066 amps
Anode Volts	= 100 max.
*Amplification Factor	= 12
*Impedance	= 14,000 ohms
*Mutual Conductance	= 0.85 ma/v.
Length (excluding pins)	= 65 mm.
Diameter	= 16 mm.
Weight	= 13 gms.
*At { Ea = 75 v.	
Eg = 0 v.	



RECOMMENDED GRID BIAS

Anode Volts	75	100
Grid Bias	-1.5	-3
Av. Anode Current in ma.	2.0	2.5

The XL is a midget triode for the LF stages. Its high degree of sensitivity and small dimensions gives a good combination when economy in LT, HT, and space is of importance.

The XL will also operate as an anode beam power grid detector.

The XL can be supplied with bakelite base to fit Bayonet Sockets.

For Short Waves the XL is supplied with white Frequentite base, 6d. extra.