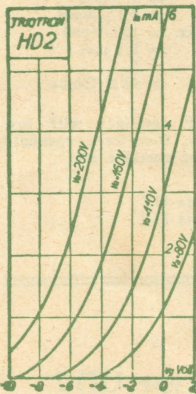


TRIOTRON

2 Volt Power Valves

TRIOTRON

2 Volt General Purpose Types

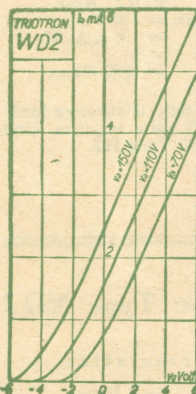


Detector and HF Type HD2

Average Characteristics:

Filament voltage . . . Vf	= 2 Volts
Filament current . . . If	= 0,075 Amp.
Max. Plate voltage . . . Va max.	= 200 Volts
Slope S	= 0,7 mA/V
Amplification Factor . Mu	= 15
Impedance Ri	= 21,000 Ohms

A very efficient Detector valve and High frequency amplifier with extremely low filament consumption. Can also be used in the first LF stage.



Resistance Coupling Type WD2

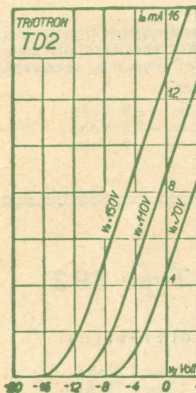
Average Characteristics:

Filament voltage . . . Vf	= 2 Volts
Filament current . . . If	= 0,075 Amp.
Max. Plate voltage . . . Va max.	= 200 Volts
Slope S	= 0,7 mA/V
Amplification Factor . Mu	= 25
Impedance Ri	= 35,000 Ohms

This type is suitable for resistance coupled Detector or LF stages. The following coupling elements are recommended:

- Coupling condenser 0,005 MF
- Grid leak 2 Megohm
- Anode resistance 1 Megohm

In the LF stage 2 Volts negative Grid bias should be applied at 200 Volts HT.

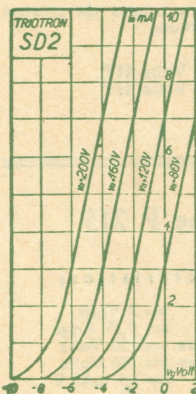


General Purpose Type TD2

Average Characteristics:

Filament voltage . . . Vf	= 2 Volts
Filament current . . . If	= 0,09 Amp.
Max. Plate voltage . . . Va max.	= 150 Volts
Slope S	= 1 mA/V
Amplification Factor . Mu	= 10
Impedance Ri	= 10,000 Ohms

An excellent general purpose type which can be used as Detector LF or HF amplifier. When used as an amplifier -3 Volts negative Grid bias must be applied at 100 Volt and -6 Volts at 150 Volt HT.



Super Detector Type SD2

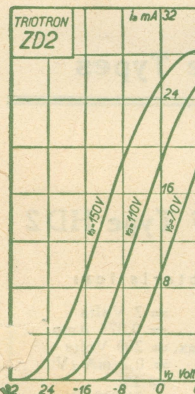
Average Characteristics:

Filament voltage . . . Vf	= 2 Volts
Filament current . . . If	= 0,15 Amp.
Max. Plate voltage . . . Va max.	= 200 Volts
Slope S	= 2 mA/V
Amplification Factor . Mu	= 50
Impedance Ri	= 10,000 Ohms

An excellent steep-slope Detector valve which can also be used with very good results as a LF amplifier. In the LF stage -3 Volts Grid bias must be used at 150 Volts HT and -5 Volts at 200 Volts.

For further particulars of all our valves see special Valve-booklet.

Regarding Loudspeakers and loudspeaker Units ask for our Loudspeaker Catalogue.



Power Type ZD2

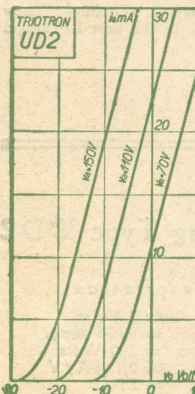
Average Characteristics:

Filament voltage . . . Vf	= 2 Volts
Filament current . . . If	= 0,15 Amp.
Max. Plate voltage . . . Va max.	= 150 Volts
Slope S	= 1,2 mA/V
Amplification Factor . Mu	= 5
Impedance Ri	= 4200 Ohms

Type ZD2 is a 2 Volt LF amplifier with low filament consumption and is, therefore, specially suitable for the output stage of portable sets.

Correct Grid bias:

- 8 Volts at 100 Volts HT
- 13 Volts at 150 Volts HT

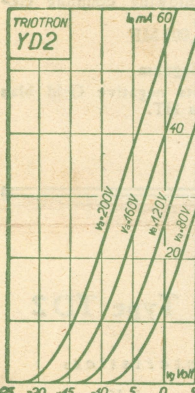


Super Power Type UD2

Average Characteristics:

Filament voltage . . . Vf	= 2 Volts
Filament current . . . If	= 0,21 Amp.
Max. Plate voltage . . . Va max.	= 150 Volts
Slope S	= 1,8 mA/V
Amplification Factor . Mu	= 5
Impedance Ri	= 2750 Ohms

An excellent valve for full, undistorted loudspeaker reproduction. 8 to 13 Volts negative Grid bias are required for 100 to 150 Volts HT.



Power Steep Slope Type YD2

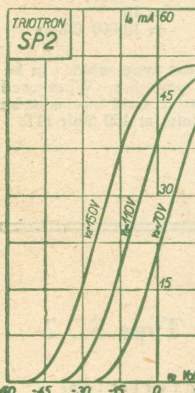
Average Characteristics:

Filament voltage . . . Vf	= 2 Volts
Filament current . . . If	= 0,22 Amp.
Max. Plate voltage . . . Va max.	= 200 Volts
Slope S	= 2,5 mA/V
Amplification Factor . Mu	= 9
Impedance Ri	= 4500 Ohms

The high Amp. Factor and comparatively low filament consumption makes this type specially suitable for the output stage of Portable receivers.

Suitable Grid bias voltages:

- Va = 100 Volts, Vg = -5 Volts
- Va = 150 Volts, Vg = -7,5 Volts
- Va = 200 Volts, Vg = -11 Volts



Magna Power Type SP2

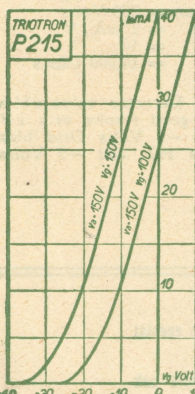
Average Characteristics:

Filament voltage . . . Vf	= 2 Volts
Filament current . . . If	= 0,33 Amp.
Max. Plate voltage . . . Va max.	= 150 Volts
Slope S	= 2 mA/V
Amplification Factor . Mu	= 3
Impedance Ri	= 1500 Ohms

Magna Power type SP2 produces the greatest output without trace of distortion.

Grid bias:

- 12 Volts at 100 Volts HT
- 28 Volts at 100 Volts HT



Pentode Type P 215

Average Characteristics:

Filament voltage . . . Vf	= 2 Volts
Filament current . . . If	= 0,25 Amp.
Max. Plate voltage . . . Va max.	= 150 Volts
Max. Aux. Grid voltage Vg' max.	= 150 Volts
Slope S	= 1,5 mA/V
Amplification Factor . Mu	= 60
Impedance Ri	= 40,000 Ohms

Type P 215 is a 5-electrode output valve characterized by its high amplification. Best results will be obtained at an Anode and Auxiliary grid voltage of 150 Volts and negative Grid bias of -15 Volts.

The Impedance of the Pentode should be matched to the speaker by means of an output transformer.

For further particulars of all our valves see special Valve-booklet.

Regarding Loudspeakers and loudspeaker Units ask for our Loudspeaker Catalogue.