

A Buyer's Guide TO Television Receivers

The information given below provides a complete guide to the television receivers which are on the market and available to the public. Omissions in the information indicate that at the time of going to press the required information was not available.

MAKER'S NAME : Baird Television, Ltd., Greener House, 66, Haymarket, London, S.W.1, in conjunction with Bush Radio Ltd., Chiswick, W.4, the latter firm supplying the sets through specially appointed dealers.

MODEL : T5.

PRICE : 85 guineas.

BRIEF SPECIFICATION : Suitable for reception of Baird 240- or E.M.I. 405-line pictures. Twenty valves are employed which include two rectifiers.

POWER SUPPLY : 200-250 volts A.C. The consumption is 240 watts. Instrument can be used on D.C. mains in conjunction with a suitable D.C. to A.C. converter.

DELIVERY : Immediate.

MAKER'S NAME : A. C. Cossor, Ltd., Cossor Works, 22, Highbury Grove, N.5.

MODEL : 137T.

PRICE : 105 guineas.



The Baird, model T5.

No alteration to the instrument need be made to receive 240- or 405-line pictures other than the manipulation of a single switch. The receiver is fitted with six controls, these being Picture Focus, Sound Volume, Picture Brightness, Vision Control, Contrast, Tuning. Detail Control.

PICTURE SIZE : 12 ins. by 9 ins.

CABINET : Vertical console 23 ins. wide 43 ins. high and 19 ins. deep, with the picture produced on a mirror inclined at an angle of 45 degrees to the cathode-ray tube which is vertically mounted beneath a safety glass window.



The Scophony Receiver.



The Cossor, model 137T

BRIEF SPECIFICATION : Suitable for reception of both Baird and E.M.I. systems with simultaneous reception of sound and vision or independent reception of the sound programme without vision. The complete receiver is made up of three chassis, being Tube and Time Base, Sound and Vision receivers, Power Packs and Loudspeaker. Provision has also been made for the use of a gramophone pick-up. A super-het receiver is used on medium and long wavelengths.

WAVE RANGE : 200 to 550, 800 to 2,000.

PICTURE SIZE : 10 ins. by 7½ ins. Black and white image. The picture is viewed directly on the end of the cathode-ray tube which is horizontal.

CABINET : Vertical console.

POWER SUPPLY : 200-240 volts 50-cycle A.C. mains.

On D.C., a D.C. to A.C. converter is required.

DELIVERY : Immediate.

Ferranti and G.E.C. Receivers

MAKER'S NAME : A. C. Cossor, Ltd., Cossor Works, 22, Highbury Grove, N.5.

MODEL : 237T.

PRICE : 120 guineas.

BRIEF SPECIFICATION : As for the 137T, but includes an additional section with an automatic record changer and gramophone pick-up. A super-het receiver is used on medium and long waves.

WAVE RANGE : 200 to 550, 800 to 2000.

PICTURE SIZE : 10 ins. by 7½ ins. Black and white image. The picture is viewed directly on the end of the cathode-ray tube.

CABINET : Vertical console.

POWER SUPPLY : 200-240 volts, 50-cycle A.C. mains. When used on D.C., a D.C. to A.C. converter is required.

DELIVERY : Immediate.

MAKER'S NAME : Ferranti, Ltd., Moston, Manchester, 10.

MODEL : Television sound and vision.

PRICE : 105 gns.

BRIEF SPECIFICATION : This instrument is similar to the previous model as regards reception of television. It includes, however, additional equipment for reception of short, medium and long wave programmes. A 14-in. tube is fitted as standard.

WAVE RANGE : Television sound and vision frequencies plus short, medium, and long wavelengths.

PICTURE SIZE : 10 ins. by 8 ins. viewed directly from the face of the tube, which is mounted horizontally.

CABINET : Console type but of special design.

POWER SUPPLY : 200-250 volts 50-cycle A.C., or from D.C. by means of a suitable rotary converter.

DELIVERY :

MAKER'S NAME : The General Electric Co., Ltd., Magnet House, Kingsway, W.C.2.

MODEL : BT3701.

PRICE : 95 guineas.

BRIEF SPECIFICATION : This is a high sensitivity 23-valve instrument employing a 12-in. cathode-ray tube and is suitable for reception of sound and



The G.E.C. model BT3702.



H.M.V., Model 901.



The Marconi Model 701.

BRIEF SPECIFICATION : 19 valves are used in this instrument which is suitable for the reception of E.M.I. or Baird television programmes. A feature of interest is the use of a cathode ray tube that is focused magnetically.

WAVE RANGE : Television sound and picture frequencies only.

PICTURE SIZE : 10 ins. by 8 ins. viewed directly from the face of the tube which is mounted horizontally

CABINET : Of the conventional console type.

POWER SUPPLY : 200-250 volts 50-cycle A.C., or from D.C. supply by means of a rotary converter.

DELIVERY :

MAKER'S NAME : Ferranti, Ltd., Moston, Manchester, 10.

MODEL : Television sound and vision and all-wave.

PRICE : 115 guineas.

vision on either 405- or 240-line vision systems. It consists of five units, these being Sound and Vision Amplifier, Double Time Base, Power Pack Cathode-ray Tube and Loudspeaker.

WAVE RANGE : Television sound and vision channels only.

PICTURE SIZE : 9 ins. by 7 ins. Viewed directly from the end of the cathode-ray tube, which is mounted almost horizontally.

CABINET : 39½ ins. high, 24 ins. wide, 26½ ins. deep.

POWER SUPPLY : A.C. mains 190-250 volts, 40-100 cycles. In conjunction with a D.C. to A.C. converter with a D.C. supply.

DELIVERY : Immediate.

MAKER'S NAME : The General Electric Co., Ltd., Magnet House, Kingsway, W.C.2.

MODEL : BT3702.

H.M.V., Marconiphone and Pye

PRICE : 120 guineas.**BRIEF SPECIFICATION :** A de-luxe receiver in which provision has been made for reception of short, medium, and long wavelengths, in addition to television sound and vision transmissions. The instrument is suitable for reception of 405- or 240-line systems.**WAVE RANGE :** Television sound and vision channels and short, medium, and long wavelengths.**PICTURE SIZE :** 9 ins. by 7 ins. Viewed directly from the face of the 12-in. tube, which is mounted almost horizontally.**CABINET :** Height 53 ins., width 30½ ins., depth 28½ ins.
POWER SUPPLY : 190-250 volts, 40-100 cycles. A.C. mains. If used on D.C. supply, a D.C. to A.C. converter must be used.**DELIVERY :** Immediate.**MAKER'S NAME :** "His Master's Voice," 98, Clerkenwell Road, E.C.1.**MODEL :** 901.**PRICE :** 95 guineas.**BRIEF SPECIFICATION :** 22-valve instrument suitable for reception of Marconi-E.M.I. 405-line system or Baird 240-line transmissions. A 6-valve tuned R.F. receiver is pre-set for vision, while a 4-valve super-het. is used for sound.

A 12-in. Cathode-Ray tube gives a picture 10 ins. by 8 ins.

WAVE RANGE : Sound and vision channels only.**PICTURE SIZE :** 10 ins. by 8 ins. viewed in a mirror mounted at an angle of 45 degrees to a vertically mounted tube.**CABINET :** Figured Walnut.**POWER SUPPLY :** 200-250 volts, 50-60 cycles, A.C., or from D.C. mains by means of a rotary converter.**DELIVERY :** Immediate.**MAKER'S NAME :** "His Master's Voice," 98, Clerkenwell Road, E.C.1.**MODEL :** 900.**PRICE :** 120 guineas.**BRIEF SPECIFICATION :** Suitable for reception of Marconi-E.M.I. 405-line interlaced system or 240-line Baird transmission. On the vision side it is similar to the model 901, but in addition is suitable for reception of normal short-, medium-, and long-wave stations. Twenty-three valves are used.**WAVE RANGE :** 7-16, 16.7-51, 46-140, 185-560, 750-2,000.**PICTURE SIZE :** 10 ins. by 8 ins. viewed from a mirror mounted at an angle of 45 degrees to a vertically-mounted tube.**CABINET :** Figured Walnut.**POWER SUPPLY :** 200-250 volts, 50-60 cycles, A.C., or from D.C. mains by means of a rotary converter.**DELIVERY :** Immediate.**MAKER'S NAME :** The Marconiphone Co., Ltd., 210, Tottenham Court Road, W.1.**MODEL :** 702.**PRICE :** 95 guineas.**BRIEF SPECIFICATION :** This instrument is suitable for reception of Marconi-E.M.I. 405-line system, or 240-line Baird transmissions. It is made up of five units, these being Emiscope cathode-ray tube, 4-valve

super-het, sound receiver, a 6-valve tuned R.F. pre-set vision receiver, synchronising equipment, and power packs. A loud-speaker of the energised type gives an output of 3 watts.

WAVE RANGE : Television sound and vision channel only.**PICTURE SIZE :** 9½ ins. by 8 ins., viewed in a 45° mirror in the cabinet lid.**CABINET :** Height 37½ ins., width 24½ ins., depth 16½ ins.**POWER SUPPLY :** 200-250 volts, 50 cycles A.C. Consumption, 230 watts. If used on D.C. mains a D.C. to A.C. converter is required.**DELIVERY :** Immediate.**MAKER'S NAME :** The Marconiphone Co., Ltd., 210, Tottenham Court Road, W.1.**MODEL :** 701.**PRICE :** 120 guineas.**BRIEF SPECIFICATION :** This receiver is suitable for 405-line Marconi-E.M.I. transmissions or 240-line Baird transmissions. It consists of five units, these being the Emiscope cathode-ray tube, All-wave Sound Receiver, Synchronising Equipment, Power packs, and a pre-set 6-valve tuned radio-frequency vision receiver.**WAVE RANGE :** 6.67 metres, 16.7-53, 46-140, 185-560, 750-2,250 metres.**PICTURE SIZE :** 10 ins. by 8 ins. Viewed via a large lens from a mirror mounted inside the cabinet at an angle of 45 degrees to the end of the tube, which is mounted vertically. A 12-in. tube is used and the picture is enlarged by means of a low-power lens.**CABINET :** Height 46½ ins., width 37½ ins., depth 20½ ins.**POWER SUPPLY :** 200-250 volts, 50-cycle A.C. Consumption, 260 watts. If used on D.C. mains, a D.C. to A.C. converter is required.**DELIVERY :****MAKER'S NAME :** Pye Radio, Ltd., Africa House, Kingsway, W.C.2.**MODEL :** 4201.**PRICE :** 95 guineas.**BRIEF SPECIFICATION :** This instrument is for reception of television sound and vision transmissions and embodies receivers that are semi pre-set to the correct wavelength. The sound receiver is of the high-fidelity type with a response from 50 to 15,000 cycles. It is suitable for 405- or 240-lines**WAVE RANGE :** Television sound and vision channels only.**PICTURE SIZE :** 10 ins. by 8 ins.**CABINET :** An upright console. Picture is viewed directly from the end of the cathode-ray tube, which is horizontal.**POWER SUPPLY :** A.C. Mains.**DELIVERY :** Immediate.**MAKER'S NAME :** Pye Radio, Ltd., Africa House, Kingsway, W.C.2.**MODEL :** 4200.**PRICE :** 135 Guineas.**BRIEF SPECIFICATION :** The vision and sound channels are similar to the 4201, but embodies additional features such as an all-wave sound receiver and automatic record-changer.**WAVE RANGE :** Television sound and vision channels, plus 17-52, 200-550 and 900-2,000 metres.