

Baird Television Ltd.

**OPERATING
INSTRUCTIONS**

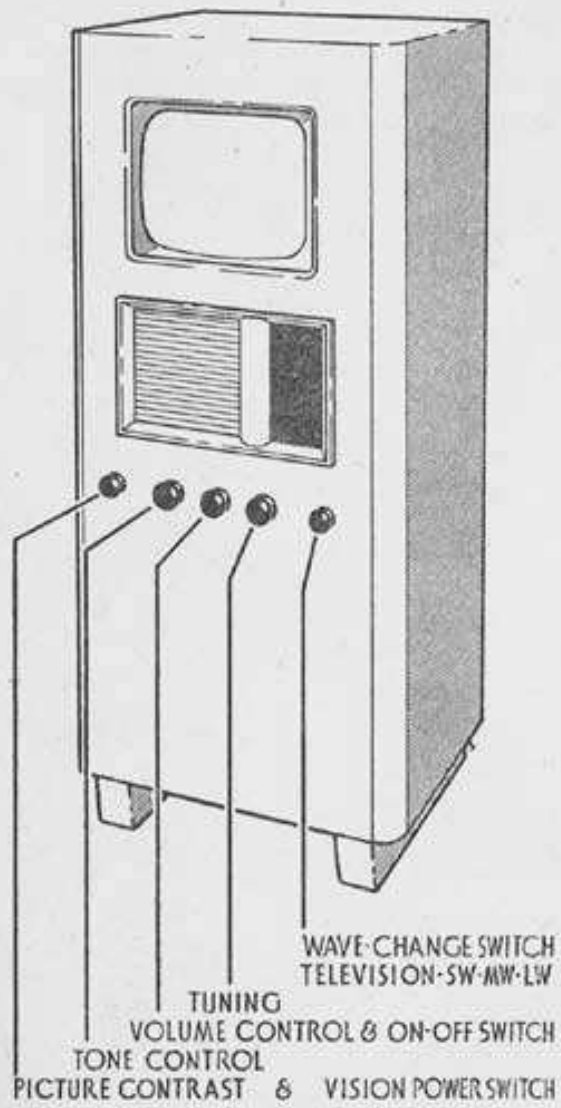
for

A.C. Mains Receiver

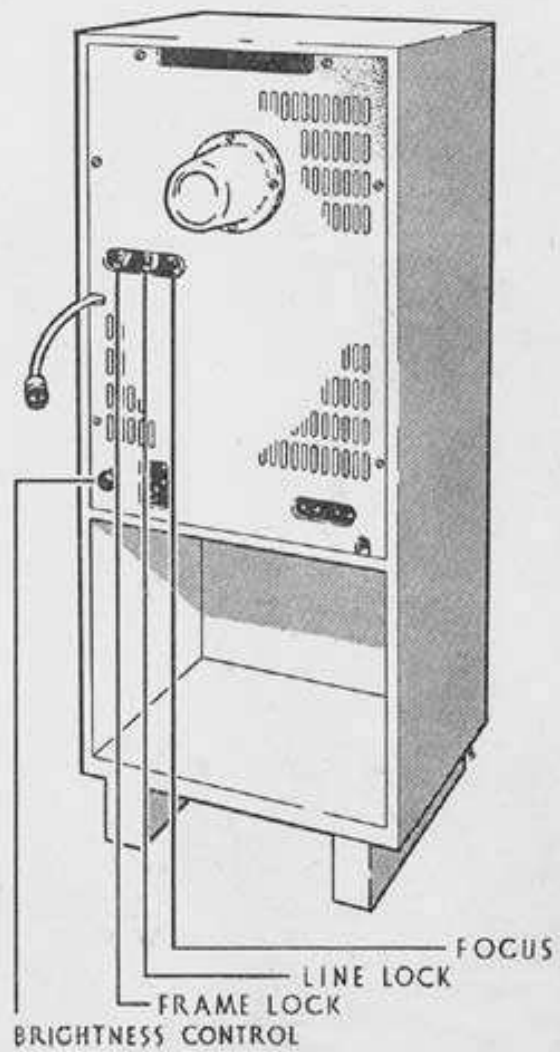
Model T.18

Television and All-Wave Console





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Baird Television Receiver

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TELEVISION AND ALL-WAVE CONSOLE

It is realized that Baird Television Receivers are generally installed by authorized Dealers and these instructions have been prepared in such a way that by operating the controls in the sequence given, it will be possible to obtain satisfactory results from the Receiver. It is recommended that this sequence be followed until familiarity with the controls be attained.

"ON/OFF" SWITCH

Switch incorporated in the Sound Volume Control is the main "ON/OFF" Switch ("OFF" in full anti-clockwise position) and switches the Receiver "ON" or "OFF" independently of other controls. Switch to "ON" position by rotating centre Control clockwise (Sound Volume).

SOUND OPERATION ON BROADCAST BANDS

The four waveband Sound Receiver covers the following ranges and switch positions from left to right are :—

Television—Ultra Short Waveband.

Short Wave—16-51 metres.

Medium Wave—198-560 metres.

Long Wave—850-2,000 metres.

The Flame Lamp which illuminates the picture screen is operative in all positions except when Receiver is switched to Television.

AERIAL

Internal Mains Aerial is provided in Receiver, but it is recommended that an external Aerial be used for best radio reception.

SOUND TUNING

To select required stations wave range switch should be set to appropriate waveband and tuning control rotated until the scale pointer coincides with the station where indicated on the illuminated scale.

Volume and Tone Controls should now be adjusted to suit local conditions and station accurately tuned.

TELEVISION OPERATION

SOUND—41.5 megacycles.
7.23 metres.

VISION—45 megacycles.
6.67 metres.

TELEVISION SOUND

Set Wave Range Switch to television position (to the left) and tune in Television Sound where same is indicated on the scale, and adjust Volume and Tone Controls to suit conditions.

TELEVISION PICTURE

Switch incorporated in the Picture Contrast Control is the Vision Power Switch ("OFF" position fully anti-clockwise).

Operating Picture Control from "OFF" position, rotate clockwise to switch on, when one minute must elapse before the Cathode Ray Tube will become operative. The object of this switch is that when in "OFF" position (control turned fully left), Television sound only may be used for the reception of the B.B.C. High Fidelity Sound Transmissions from Alexandra Palace which are radiated on Television Sound waveband. It is not necessary to operate the switch on Broadcast positions as the Wave Range Switch renders the whole Television section inoperative when other ranges are in use.

BRIGHTNESS SETTING

The Brightness Control adjusts the background illumination of the picture. Method of setting is with Picture Contrast Control at minimum (without switching off) to set brightness at a point where the raster or illuminated screen is comfortably visible in a darkened room. This Control may be adjusted to suit the particular transmission conditions.

PICTURE CONTRAST CONTROL

Rotate Picture Contrast Control clockwise until black and white modulation appears on the screen.

PICTURE SYNCHRONIZING

Two Synchronizing or Lock Controls are located at the back of the Receiver and these should be adjusted in order that the picture will run at correct speed.

LINE LOCK

First adjust Line Lock Control by turning the control slowly in either direction until picture appears vertical and does not chase from side to side.

FRAME LOCK

Adjust Frame Lock Control until picture ceases to move either up or down and locks into correct position.

PICTURE FOCUS

Focus Control should be adjusted to the position where the lines of light of which the picture is composed are most sharply defined, and finally adjusted after other controls are set.

GRAMOPHONE AMPLIFIER

The Receiver may be used as a gramophone amplifier by plugging leads from an electric Pick-up unit into the sockets provided at the back of the Receiver and marked "P.U."

LOUDSPEAKER EXTENSION

Extra Loudspeaker (output transformer is not required) may be used by connecting leads from same to the sockets provided on Loudspeaker Extension Panel. The plug, which is already in position in this panel, controls the internal Loudspeaker in the Receiver; when plug is in, internal Loudspeaker is connected; when out, disconnected. This means that the Extension Loudspeaker only may be used if so desired.

Should difficulty be experienced when handling the Receiver, please consult the authorized Baird Television Dealer from whom the Receiver was purchased.

BAIRD TELEVISION RECEIVER

The General specification of this Console is similar to that of Table Model T.18 described on the opposite page. The cabinet is strongly made and attractively designed in Walnut. It is made available in this form for those who prefer to have one complete cabinet, rather than a smaller cabinet with or without a stool to support it. The size of the Console cabinet as illustrated is approximately 44 in. high, 20 in. wide and 16 in. from back to front.

This Receiver carries a Manufacturer's Guarantee for TWELVE MONTHS from date of purchase.

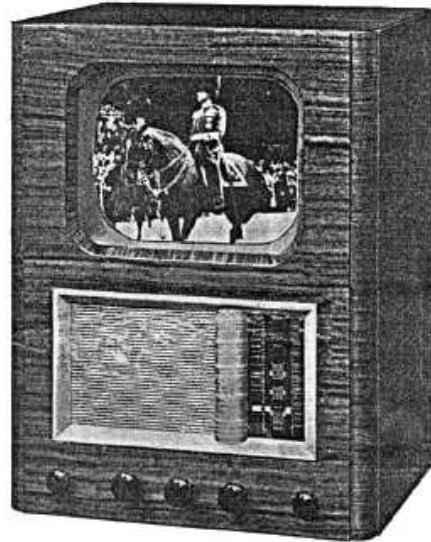


47 GNS.

For Technical Data relating to this model and T.18 Table Model, see page 13.

MODEL T

18



This is a complete Television Receiver combined with a very selective and high quality All-wave Radio, yet the compact cabinet housing the complete equipment is little larger than the usual Table Radio. The most recent developments in Television design are included, yet the price is below that of many modern Radio-

gramophones. The set is easy to operate—and without any technical knowledge you can be confident of good results. **TELEVISION CONTROLS:** These have been reduced to one which operates the Picture Contrast, and this will only need very occasional adjustment.

TELEVISION SOUND AND RADIO: The sound receiver is a superheterodyne covering the Television sound waveband, and three bands for Radio programmes (Short: 16.5—51 metres; Medium: 198—550 metres; and Long: 850—2,000 metres). It is possible to receive the sound on the Television waveband either with or without the Picture by means of a switch integral with the Picture Contrast control. For Radio, stations are calibrated by name, and each waveband is individually illuminated. The reproduction is exceptionally fine since the set is capable of delivering an 8 watt quality output.

PICTURE SIZE: 10 in. wide by 8 in. high. Viewed direct.

POWER CONSUMPTION: 150 watts.

CABINET: The cabinet measures approximately 25 in. high, 18 in. wide and 16 in. from back to front. It is attractively designed as illustrated and is standard in walnut. The receiver is heavier than a Radio set, and it may be found convenient to have a suitable stool to support and raise it to a comfortable height for viewing. For this purpose a special stool can be supplied at an additional cost.

This Receiver carries a Manufacturer's Guarantee for TWELVE MONTHS from the date of purchase.

44 GNS. *Special Stool: 3 Guineas extra.*