

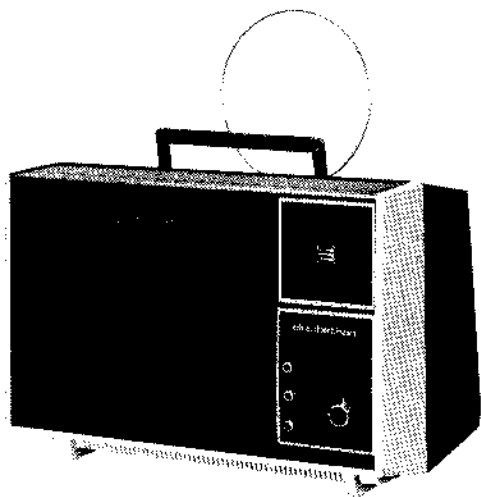


FOR QUALITY

elizabethan

TELEVISION

12 INCH MODEL



MODEL T-12

OPERATING INSTRUCTIONS

ELIZABETHAN Portable Transistor Television Model T-12

Your ELIZABETHAN All-Transistor television has been carefully designed and manufactured to enable you to enjoy your favourite television programmes to the full. In order that you may obtain the best results from this receiver we recommend that you read these instructions carefully before attempting to connect or use it.

FEATURES OF THE T-12

- The ELIZABETHAN All-Transistor television receiver Model T-12 has a 75 square inch picture. It has been designed for use on both 240 volts AC mains and a 12 volt DC supply (battery pack or car/boat battery). It consumes 25 watts on AC mains, and only 13 watts on battery operation.
- ULTRA CONTRAST FILTER gives high quality, sharp, and clear pictures even in bright conditions.

POWER SUPPLY

Two supply leads are provided with each receiver. The BLACK lead is for use on AC MAINS ONLY. The GREY lead is for use on BATTERY SUPPLY ONLY. Note that incorrect use of the supply leads will result in severe damage to the receiver.

To use on AC Mains Supply

The BLACK supply lead should be connected to your mains plug in the following manner :-

BROWN lead : connect ONLY to terminal marked 'L'

BLUE lead : connect ONLY to terminal marked 'N'

GREEN/YELLOW lead : connect ONLY to terminal marked 'E'

If your supply terminates in the new 13 amp flat pin socket we recommend that you insert a 2 amp fuse in the plug. A fuse of a higher rating will have no safety effect whatsoever.

Insert the moulded plug into the supply socket situated on the back of the receiver (see fig. 1).

To use on 12 volt DC Supply (battery)

A 12 volt DC rechargeable battery unit should be purchased and the GREY supply lead should be connected in the following manner :-

The RED lead should be connected to the Positive (+) terminal ONLY

The BLACK lead should be connected to the negative (-) terminal ONLY

The correct polarity of these leads must be strictly observed. Failure to do so may result in severe damage to the receiver.

Insert the moulded plug into the television supply socket as stated above.

To use the receiver in a car

When using the receiver in a car as a car television, use the GREY supply lead and connect the leads as outlined above (once again the polarity must be strictly observed). Then insert the moulded plug into the supply socket of the receiver.

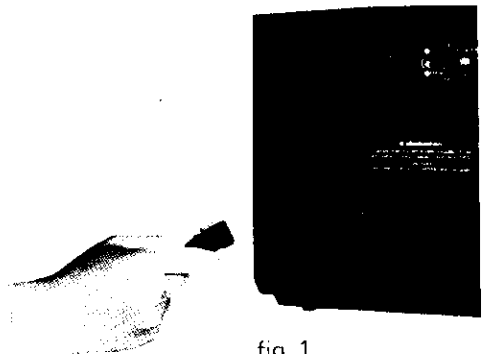


fig. 1

OPERATION

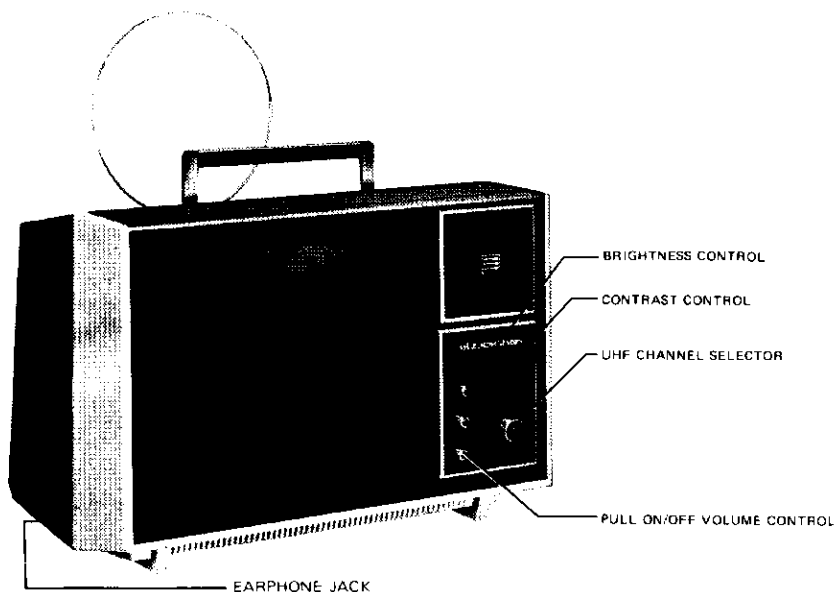


fig. 2

TO SWITCH ON

Pull ON/OFF button to switch on. Press to switch off.

VOLUME

Rotate clockwise to increase volume.

CHANNEL SELECTOR

Rotate the UHF CHANNEL SELECTOR, situated on the right hand side of the front, in either direction, to select the desired channel (see fig. 2).

CONTRAST CONTROL

This control adjusts the black and white balance of the picture. Rotate in either direction until the desired balance has been obtained.

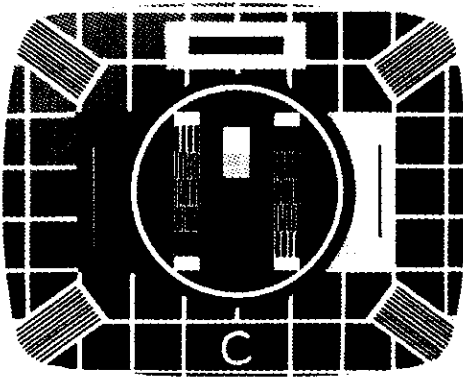


fig. 3 BEST PICTURE

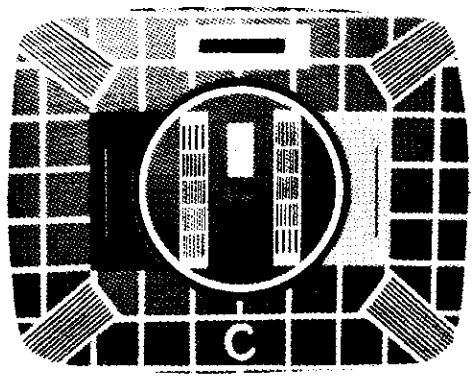


fig. 4 INSUFFICIENT CONTRAST

BRIGHTNESS CONTROL

If the picture is too light or too dark, turn the brightness control in either direction until the desired level of brightness has been obtained.

It should be noted that changes in brightness are usually made in conjunction with changes in contrast.

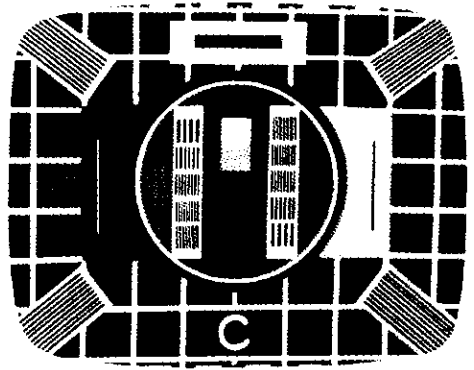


fig. 5 EXCESSIVE CONTRAST

VERTICAL HOLD

If the picture "rolls" up or down, or if the top and bottom of the picture appear to meet in the middle of the screen, turn the VERTICAL HOLD CONTROL slowly in either direction until the picture becomes stable. This control will be found on the back of the cabinet.



fig. 6 INCORRECT VERTICAL HOLD

HORIZONTAL HOLD

If the picture 'wobbles' or breaks up as shown in the figure, turn the HORIZONTAL HOLD control slowly in either direction until the picture becomes stable. This control will be found on the back of the cabinet.

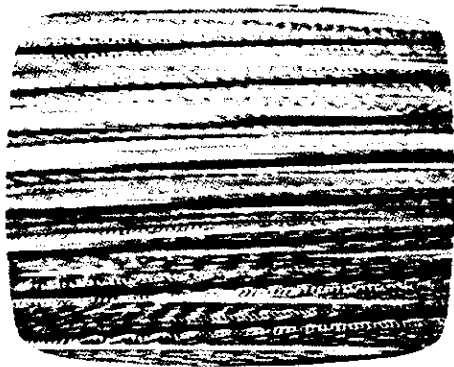
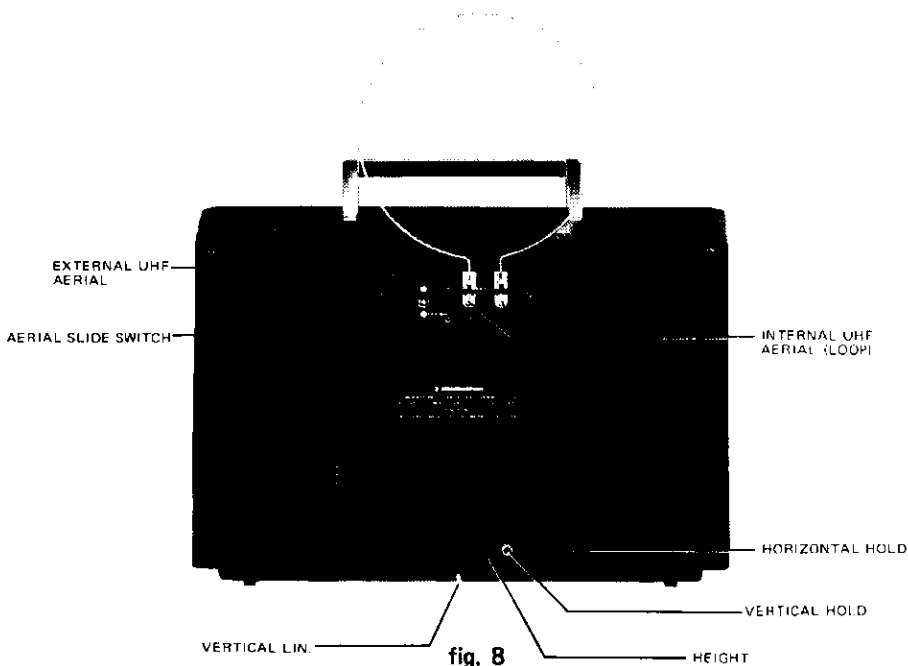


fig 7 INCORRECT HORIZONTAL HOLD

REAR CONTROLS AND TERMINALS



HEIGHT AND VERTICAL LINEARITY

If the picture stretches or contracts, these two controls situated on the back of the cabinet, should be carefully adjusted to 'pull' the picture back into shape. Note that these controls are of the pre-set type, and should only be adjusted with an insulated screwdriver.

AERIALS

Two alternative aerial systems are available for UHF reception.

UHF LOOP AERIAL

A UHF Loop aerial is supplied with each receiver and can be fitted to the two terminals situated on the aerial panel at the rear of the cabinet. Slacken off the two terminal screws, and insert the formed ends of the loop. Re-tighten the screws, and slide the aerial switch to the 'UP' position (see fig. 8).

Move the loop up or down, and to the right and left until the clearest and most stable picture is obtained (see fig. 9).

UHF EXTERNAL AERIAL

To use an outside UHF aerial ensure that the coaxial lead terminates in a standard coaxial plug.

Connect the external aerial to the coaxial socket situated on the panel at the rear of the cabinet, and slide the aerial switch to the 'DOWN' position.

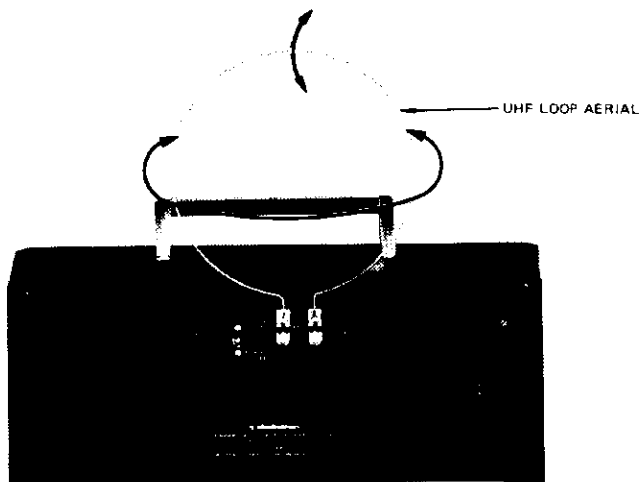


fig. 9

TO USE EARPHONE

Insert the earphone plug into the jack socket situated on the LEFT hand side of the cabinet. The insertion of the plug automatically disconnects the internal loudspeaker and private listening through the earphone can be enjoyed.

TEMPORARY INTERFERENCE

At times, the picture may sway with a black and white striped pattern for several seconds. This may happen when an aeroplane is passing overhead. Trouble at the broadcasting stations may also cause a similar type of reception; this can be quickly established by switching channels to see if a 'clean' picture is being received from other stations.

If the picture appears to have a double image, a reflected signal (ghost) is the likely cause. Change the direction, and/or the position of the aerial. Other forms of local interference may be experienced, such as black spots, or horizontal stripes, or pictures may flutter and drift; these symptoms are usually caused by interference from un-suppressed motor vehicle ignition systems, electric drills, and other electrical appliances. Once again a change in the direction and/or the position of the aerial may prove beneficial.

ULTRA CONTRAST FILTER REMOVAL

To remove ULTRA CONTRAST FILTER, hold the lower end of the filter by the finger tips and pull out the filter to release the tabs provided on the bottom edges of the filter.

GENERAL INFORMATION

- Generally speaking this receiver may be carried and used anywhere, but avoid placing and operating it in direct sunlight or near heating devices.
- The bottom and rear of the cabinet are provided with ventilation slots to provide an unrestricted flow of air. DO NOT attempt to restrict this flow of air by covering these slots with cloths, pads etc., or overheating may occur resulting in serious damage.
- If the receiver is to be used in a boat, avoid direct exposure to salt or fresh water spray.
- Should you wish to clean the set, a soft damp cloth and mild soap, with a soft cloth for drying, are all that will be required to obtain good results. DO NOT USE cleaning agents, solvents or polishes of any description or permanent damage may be caused to the surface of the cabinet.
- When the receiver is not in use, it is advisable to disconnect the mains plug from the wall socket.