



Sparton

SALES
NEWS
and
VIEWS

TELEVISION

- RADIO

- SPARTON RECORDS

- HI-FIDELITY

DEAR CUSTOMER:

Now that you have become a member of the SPARTON TELEVISION FAMILY we want to make sure that you will obtain the maximum satisfaction from our product.

In order to do this, we are sending you this circular with complete instructions on using the controls to get the best performance possible.

INITIAL TUNING INSTRUCTIONS OF SPARTON T.V. RECEIVERS:

1. Turn VOLUME Control Knob on.
Allow approximately thirty (30) seconds for tubes to warm up.
2. Advance PICTURE control (inside knob of OFF volume picture) on full
3. Turn channel selector (2 to 13) to desired channel.
Rotate the fine tuning control for an image on the screen.
4. If the station is being picked up, a number of black horizontal bars may be visible.
Allow approximately two (2) minutes for the circuits to stabilize at which time the picture may right itself.
5. If the Horizontal bars remain, rotate the HORIZONTAL control to straighten the picture up.
6. When this has been accomplished, the picture may be rolling up or down.
Rotate the VERTICAL control until the picture rolls slowly upward.
It will lock in when it arrives at the top of the screen.
7. Now tune the Fine Tuning Control for best picture definition with the Volume Control turned down (not off).
When the best picture is obtained advance the Volume Control Sound to the Desired level.
Set picture control for desired contrast.

INITIAL TUNING INSTRUCTIONS OF SPARTON T.V. RECEIVERS:

Continued -2-

On models with the BRIGHTNESS CONTROL on the front of the set (2150, 2151, 2152, 2252, 2452, 1703, 2103, and 2133) the BRIGHTNESS should be turned full on to start and then adjusted for desired brightness after the station is tuned in.

On 17D1 sets and later models the Brightness Control is on the left hand back of the chassis and has a knob on it for easy adjustment. Once the desired brightness is obtained further adjustment of this control should seldom be necessary.

NOTE:

In good signal areas the set may be turned off and no further adjustment should be necessary when the set is next turned on except to set the Volume Control to the desired volume.

In weak or fringe areas slight adjustments may be necessary from time to time.

In these areas the initial settings should be made with the PICTURE control at the lowest setting at which a picture can be seen.

These operating instructions also cover the following models;
21D1, 21D2, 21D3, 24D1, 24E1, 17E1, 21E1, 21E2, 21F3

SOME T.V. HELPS FOR LOCAL RECEPTION:

1. When no outside antenna is used, built-in antennas are sometimes resorted to. These are very fine providing the cabinet or built-in antenna may be rotated for best reception from the station.

A much more satisfactory method is to use the "Rabbit Ear" type of antenna, similar to two automobile whip antennas, fastened in a base and adjustable both vertically and horizontally.

This is placed near or on top of the T.V. set and rotated for best picture reception.

The adjustment of the length of such an antenna depends on the channel being received, i.e. Channel (2) longest length - Channel (13) shortest.

These antennas usually work best when the two elements are so adjusted that they form a "V".

2. If an outside antenna is used on a local station too much signal may be received by the set causing interference to adjacent channels. This can be minimized by the use of a (shorting stub) connected across the antenna.

Y our service technician will be glad to give you further details on the installation of such a stub.