

■ PIF / AGC Adjustment

1. VCO + AFT Adjustment

1. Connect the output of SSG (Standard Signal Generator) to the tuner IF output terminal.
 - SSG output: 38.9 MHz (CW) ± 5 kHz).
 - SSG output level: approx. 90 dB μ V.
2. Enter into Service Mode.
3. Push CH \wedge until AFT appears.
4. Press \square / \rightarrow button on R/C. Setting is made automatically. During this setting the colour bar shall go from red to yellow. When setting is finished, colour bar disappears and B-STOP (bus stop) is shown on screen.
5. Switch set OFF and ON again, setting is now memorized.

2. RF-AGC Cut-In Adjustment (I2C BUS)

1. Receive the "COLOUR BAR" signal (Channel E-12).
 - Signal strength: 57 dB μ V. (51AM-12S/54AM-12S)
55 dB μ V. (51AT-15S / 54AT-15S)
2. Enter into Service Mode.
3. Push CH \wedge until AGC appears.
4. Press \square / \rightarrow button on R/C. Setting is made automatically. During this setting the colour bar shall go from red to yellow. When setting is finished, colour bar disappears and B-STOP (bus stop) is shown on screen.
5. Switch set OFF and ON again, setting is now memorized.

■ Screen Adjustment

3. Focus Adjustment

1. Apply mains voltage of 220 V AC/50 Hz to TV.
2. Receive Phillips pattern signal to a level between 60 and 80 dB μ V.
3. Set contrast to 10/10, brightness to 5/10 and colour 0/10.
4. Adjust focus potentiometer to obtain maximum definition.

4. G2 Adjustment

1. Apply mains voltage of 220 V AC/50 Hz to TV.
2. Receive black screen signal to a level between 60 and 80 dB μ V.
3. Set contrast to 10/10, brightness to 0/10 and colour 0/10.
4. Enter into Service Mode.
5. Push CH \wedge until GII appears.
6. Increase G2 potentiometer until flyback appears on screen, and OSD bar is at maximum.
7. Adjust G2 potentiometer until OSD bar is at half way position on screen.
8. Exit Service Mode.

■ CHILD LOCK CANCEL (only for 51AT-15S/54AT-15S)

The following process describes how to cancel actual password (PIN) when the customer forgets code.

1. Switch ON TV set.
2. Press buttons \vee \triangleleft on TV and \square / \rightarrow on R/C simultaneously.
3. Press MODE button on R/C to input menu.
4. Using buttons \wedge CH \vee move to \rightarrow position.
5. Press MODE button again.
6. Select PIN and input new PIN (Please do not forget it)
7. Select EXIT and press MODE button again.