

# **SERVICE ADJUSTMENTS**

## **BEFORE STARTING ADJUSTMENTS**

1. Adjustments of this model are performed by using the remote control unit and in the conventional manner by using adjustable parts.
2. Adjustments using the remote control are performed on the basis of the initial setting values. However, where an adjustment results in the optimum picture, it may differ from the initial setting value.
3. Before adjusting, switch ON the power of the set and measuring equipment and allow these to warm up at least 30 minutes.
4. Confirm the correct (AC 220V) power is supplied.
5. Where the received or input signal is not specified, use the optimum signal for the adjustment.
6. Use care not to disturb adjustable parts (variable resistors, transformers, capacitors, etc.) not specifically mentioned in these adjustment steps.
7. Presetting before adjustment: Unless otherwise indicated in the adjustment steps, use the remote control unit to preset as follows.

## **SERVICE ADJUSTMENT PROCEDURE**

Press “DISPLAY” and “VSM” key simultaneously from the remote control to go into service mode.

USE menu keys (top, bottom, left and right) to adjust the service menu setting.

Press “DISPLAY” key to memorize the service setting and come out of the service mode.

## SERVICE MODE SETTING

PARAMETER	CENTER VALUES
R CUTOFF	7C*
G CUTOFF	A7*
B CUTOFF	97*
R DRIVE	43*
B DRIVE	43*
SUB CONTRAST	28*
SUB COLOR	0A*
SUB BRIGHT	7B*
SUB TINT	15*
SUB BASS	0A FIX
SUB TREBLE	0A FIX
VERTICAL SIZE	33*
ZOOM SIZE	55*
VERICAL POS	02*
H-CENTER 50	07*
H-CENTER 60	07*
RF AGC	40*
VCO	7F FIX
D TRAP	00 FIX
F TRAP	00 FIX
HR	03*
CV	03*
DT PAL	05 FIX
DT SECAM	05 FIX
DT NTSC	05 FIX
DT BW	07 FIX
AV TINT	0F FIX
AV SHARPNESS	0F FIX
B,G	01 FIX
I	01 FIX
D,K,KI	01 FIX
SECAM	01 FIX
N3.58	01 FIX
VIDEO GAIN	05 FIX
BGPSW	00 FIX (01 FOR SECAM)
BPF	01 FIX
STEREO	01 FIX
P BASS	00 FIX
SURROUND	00 FIX
SOFT TONE	09 FIX
GLOWING TONE	09 FIX
SOUD CURVE	00 FIX
DIGITAL EYE	01 FIX
KEY BOARD	00 FIX
WHITEBACK	00 FIX

**VSM SETTINGS**

	News	Cartoon	Sports	Film/Pop
BRIGHTNESS	32	25	25	48
CONTRAST	63	25	40	60
COLOR	30	32	30	52
SHARPNESS	42	32	42	63
TINT	32	32	32	32

**DIGITAL EYE SETTINGS**

	1st STAGE	2nd STAGE	3rd STAGE	4th STAGE	5th STAGE
BRIGHTNESS	15	17	20	25	32
CONTRAST	25	35	40	50	55
COLOR	26	32	32	32	32
SHARPNESS	32	32	32	32	32

**SSM SETTING**

	NEWS	CARTOON	SPORTS	FILM/POP
TREBLE	8	8	12	16
BASS	12	8	12	16

NOTE:- "\*" Indicates parameters to be adjusted as per the adjustment Manual.

