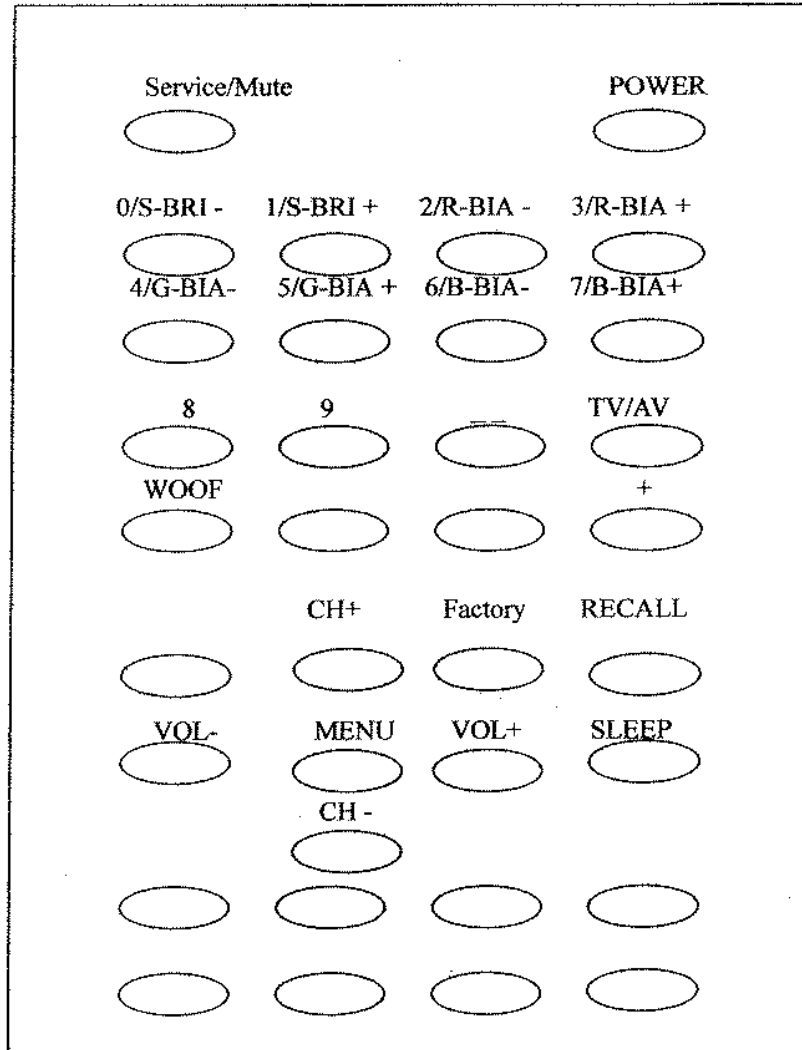


# 5W63 USER'S SERVICE MANUA

## 1. RC(FACTORY) Panel Reference



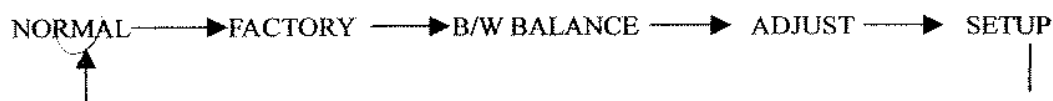
## 2. Factory Mode

### 1). How enter FACTORY mode ?

- Method 1: Press FACTORY key to enter FACTORY mode directly(on FACTORY RC).
- Method 2: First,press REVIEW key once(on RC),then press VOL- key and lock it,at the same time,press REVIEW key again.and you can enter FACTORY mode.Repeat above step,you can achieve all function as FACTORY key.

## 2)、Description :

- Press FACTORY Key, The OSD will change as follows:



- In FACTORY mode, the function of "Bule no signal input" and "Auto Power" will be cancel.

## 3、Logo Editing

To edit the logo, first, enter FACTORY mode, then press VOL- key and POS- key at the time (on RC), then you can edit it, and you can use the function key below:

- LOGO1/2 POS+/-: select logo1 or logo2 VOL+/- to turn on/off the logo.
- SIZE VOL+/- to change size.
- H.POS VOL+/- to move logo in horizontal direction
- V.POS VOL+/- to move logo in vertical direction
- COLOR VOL+/- to change color

## 4、White balance adjust(manual)

Enter B/W Balance mode, press MUTE key, there is only one bright line displayed on the screen, then

- Digit key 0/1 : Decrease/Increase sub brightness
- Digit key 2/3 : Decrease/Increase red bias
- Digit key 4/5 : Decrease/Increase green bias
- Digit key 6/7 : Decrease/Increase blue bias

## 5、White balance adjust(It is controlled by software automatically)

- Parameter about automatic adjustment as follow:
- 24C08 Address : A0H
- LA76810 Address : BAH

ITEM	Sub-address(24C08)	Sub-address(LA76810)	maximum
R.BIAS	17H	07H	FFH
G.BIAS	18H	08H	FFH
B.BIAS	19H	09H	FFH
R.DRV	1AH	0AH	7FH
D.DRV	1BH	0BH	0FH
B.DRV	1CH	0CH	7FH
S.BRI	1DH	0DH	7FH

## 6、White Balance Adjust

OSD	Description	TYP.	Range
S-BRI	SUB Brightness	80	0 ~ 127
R-BIA	Red Bias	130	0 ~ 255
G-BIA	Green Bias	130	0 ~ 255
B-BIA	Blue Bias	130	0 ~ 255
R-DRV	Red Bias	65	0 ~ 127
G-DRV	Green Drive	7	0 ~ 15
B-DRV	Blue Drive	65	0 ~ 127
C.B/W	Cross B/W	0	0 ~ 3

## 7、Option Menu Of Adjust

ITEM	OSD	Description	TYP.	Range
ITEM 00	H.PHASE	Horizontal center	14*	0~31
ITEM 01	NT.H.PHASE	Horizontal center	+5*	0~31
ITEM 02	H.BLK.LEFT	Hor. left blank adjust	6*	0~7
ITEM 03	H.BLK RIGHT	Hor. right blank adjust	4*	0~7
ITEM 04	V.SIZE	Vertical size	43*	0~127
ITEM 05	V.LINE	Vertical linearity	17*	0~31
ITEM 06	V.POSI	Vertical center	49*	0~63
ITEM 07	V.SC	Vertical S-correction	9*	0~31
ITEM 08	NT.V.SIZE	NTSC Vertical size	+2*	0~127
ITEM 09	NT.V.LINE	NTSC Vertical linearity	+1*	0~31
ITEM 10	NT.V POSI	NTSC Vertical center	+8*	0~63
ITEM 11	NT.V.SC	NTSC Vertical S-correction	-10*	0~31
ITEM 12	RF AGC	RF AGC delay	20	0~63
ITEM 13	VOL. OUT	LA76810 internal volume control	126	0~127
ITEM 14	SUB CONT	Sub contrast adjust	30	0~31
ITEM 15	SUB COLOR	Sub color adjust	25	0~63
ITEM 16	SUB SHARP	Sub sharpness adjust	20	0~31
ITEM 17	SUB TINT	Sub Tint adjustment	30	0~63
ITEM 18	OSD CONT	OSD contrast	80	0~127
ITEM 19	OSD H POSI	OSD Horizontal position sadjust	10	0~127
ITEM 20	OSD V POSI	OSD Vertical position sadjust	20	0~31

Notice : Marked "\*" ITEM must adjust!

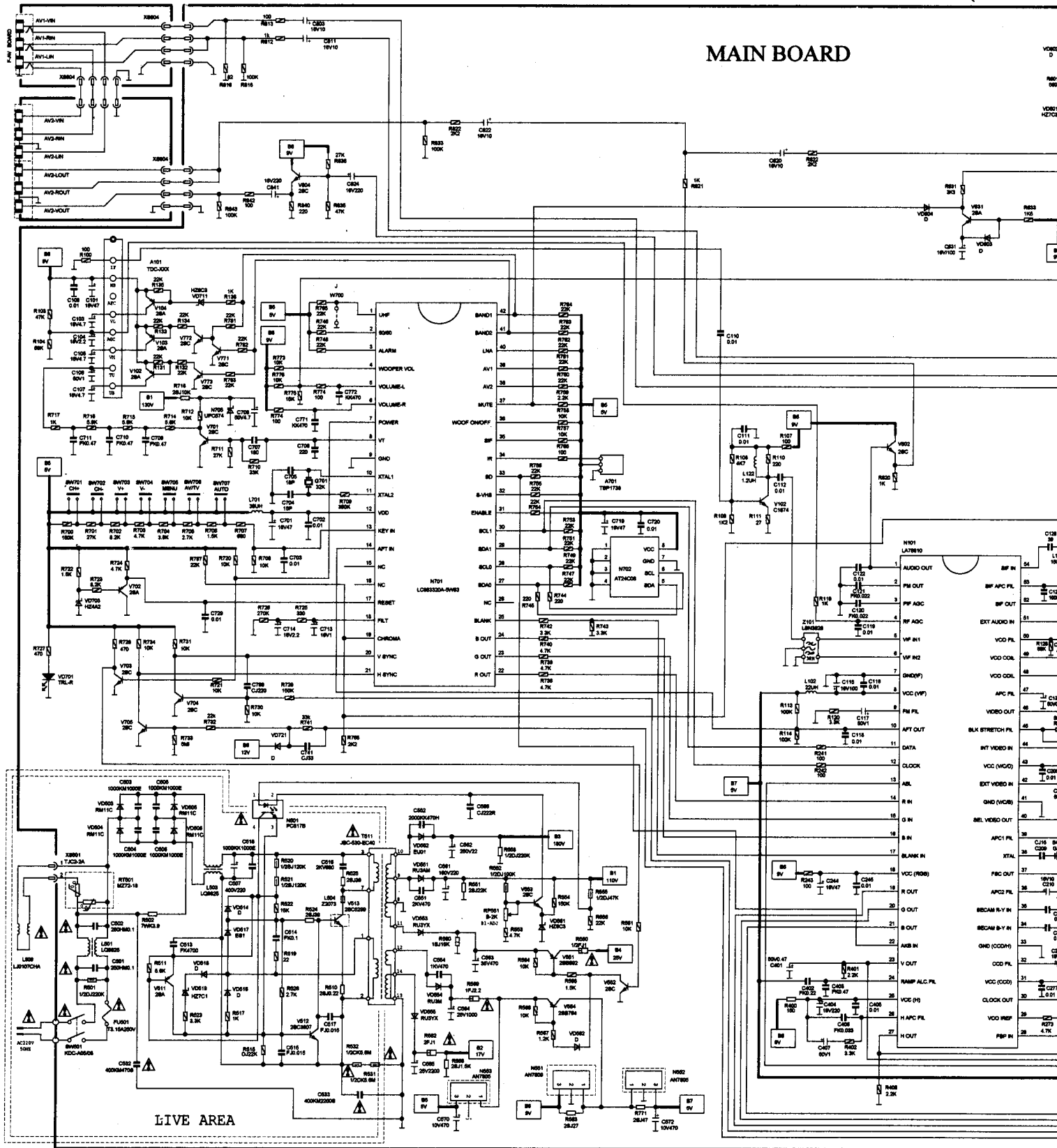
## 7、Option Menu Of Setup

ITEM	OSD	Description	TYP	Range
ITEM 00	BLK.STR.DEF	Black stretch defeat 0:off/1:on	0	0/1
ITEM 01	AFC GAIN	AFC gain&gate 0:auto/1:high gain	1	0 / 1
ITEM 02	V. SETUP	Sensitivity of Vertical separation switch	1	0 / 1

ITEM 03	CD. MODE	Vertical scan mode:50/60 etc	0	0 ~ 7
ITEM04	DIGITAL OSD	Analog/digital OSD 0:analog/1:digital	1	0/1
ITEM 05	GRAY MOD	Internal test white signal 0 : 100% ; 1 : 50%	0	0 / 1
ITEM 06	B. GAM. SEL	B Gamma correction	3	0 ~ 3
ITEM 07	RG. GAM. DEF	R\G Gamma correction switch 0:off/1:on	0	0 / 1
ITEM 08	BRGHT. ABL. TH	Align Bright ABL threshold	3	0 ~ 7
ITEM 09	EMG. ABL. DEF	Emergency ABL defeat 0:enable/1:disable	0	0 / 1
ITEM 10	BRT. ABL. DEF	Brightness ABL defeat 0:enable/1:disable	1	0 / 1
ITEM 11	MID. STP. DEF	Brightness mid stop defeat 0:enable/1:disable	0	0 / 1
ITEM 12	R-Y/B-Y G. BL	R-Y/B-Y gain balance	8	0 ~ 15
ITEM 13	R-Y/B-Y ANG	R-Y/B-Y angle	8	0 ~ 15
ITEM 14	SECAM B-Y DC	SECAM B-Y DC level	8	0 ~ 15
ITEM 15	SECAM R-Y DC	SECAM R-Y DC level	8	0 ~ 15
ITEM 16	C. KILL. OFF	Disable color killer circuit 0:off/1:on	0	0/1
ITEM 17	SND. TRAP	Sound trap control	6	0 ~ 7
ITEM 18	VOL. FIL	Volume filter switch 0 : off / 1 : on	1	0/1
ITEM 19	VIF. SYS. SW	VIF system switch 38.0/38.9/45.75/58.75	1	0 ~ 3
ITEM 20	VIDEO. LEVEL	Align IF video level	7	0 ~ 7
ITEM 21	FM. LEVEL	FM level adjust	30	0 ~ 31
ITEM 22	POWER OPT	Power on station switch	1	0 / 1
ITEM 23	POWER ON LOGO	Logo switch 0:off/1:on	1	0 / 1
ITEM 24	SCREEN OPTION	Power on/off effect 0- none 1- power on effect,power off no 2- power on no effect,but power off do 3- both on/off have effect	3	0~3
ITEM 25	SEARCH CHECK	Intellectualized search 0:disable/1:enable)	0	0/1
ITEM 26	BAND OPT	Tuner type select(see port control)	0	0/1
ITEM 27	AV OPT	AV numbers none/1 AV/2 AV	1	0 ~ 3
ITEM 28	LINE MODE		0	0/1
ITEM 29	STEREO OTPIO	AV stereo switch 0:off/1:on	1	0 / 1
ITEM 30	STEREO IC	Stereo IC select 0:disable/1:enable	0	0 / 1
ITEM 31	WOOF VOL OPT	Woofer volume adjust switch 0:off/1:on	0	0/1
ITEM 32	SIF M/N	SIF4.5M select 0:off/1:on	0	0 / 1
ITEM 33	SIF B/G	SIF5.5M select 0:off/1:on	1	0 / 1
ITEM 34	SIF I	SIF6.0M select 0:off/1:on	0	0 / 1
ITEM 35	SIF D/K	SIF6.5M select 0:off/1:on	1	0 / 1
ITEM 36	PAL	PALsystem select 0:off/1:on	1	0 / 1
ITEM 37	NTSC3.58	NTSC3.58 system select 0:off/1:on	1	0 / 1
ITEM 38	NTSC4.43	NTSC4.43 system select 0:off/1:on	1	0 / 1
ITEM 39	SECAM	SECAM system select 0:off/1:on	1	0 / 1
ITEM 40	COLOR AUTO	Color system select automatically 0:off/1:on	1	0 / 1
ITEM 41	ENGLISH OSD	OSD English option 0:off/1:on	1	0 / 1
ITEM 42	RUSSIAN OSD	OSD Russian option 0:off/1:on	1	0/1
ITEM 43	ARAB OSD	OSD Arabic option 0:off/1:on	0	0/1
ITEM 44	SENSITIVITY	RF receive sensitivity select 0:normal/1:hight	0	0/1
ITEM 45	GAME OPUION	Game numbers select 1/2/3	3	1-3
ITEM 46	CALENDR	Calendr option 0:off/1:on	1	0/1
ITEM 47	V. MUTE OFF	Mute screen when power off 0:off/1:on	0	0/1
ITEM 48	BLUE /BLACK	Background color 0:blue/1:back	0	0 / 1

# SCHEMATIC DIAGRAM (MODEL

## MAIN BOARD



# DIAGRAM (MODEL-TH5W63)

