

AFTER SHORT JA 137 & JA 138 AND TURN ON THE MAIN POWER SWITCH, READ DATA FROM EEPROM ADDRESS 00H ~ 03H, AND COMPARE TO THE LIST BELOW, IF DIFFERENT, INITIALIZE THE EEPROM.

Address : Data
 00H : 55H
 01H : 4FH

Address : Data
 02H : 43H
 03H : A1H

EEPROM ITEMS	OSD	DATA LENGTH	INITIAL DATA	FIX/ADJ	REMARK
AGC TAKE OVER POINT	AGC	0~63	14	ADJ	
VERTICAL SLOPE	V-LIN	0~63	32	ADJ	
VERTICAL AMPLITUDE	V-AMP	0~63	32	ADJ	
VERTICAL SHIFT	V-CENT	0~63	32	ADJ	
HORIZONTAL SHIFT	H-CENT	0~63	32	ADJ	
EAST-WEST WIDTH	H-SIZE	0~63	32	*FIX	
HORIZONTAL PARALLEL LOGRAM	EW//	0~63	32	*FIX	
EAST-WEST PARABOLA WIDTH	PARA	0~63	32	*FIX	
EAST-WEST UPPER CORNER PARABOLA	COR (U)	0~63	32	*FIX	
EAST-WEST LOWER CORNER PARABOLA	COR (L)	0~63	32	*FIX	
EAST-WEST TRAPEZIUM	TRAPE	0~63	32	*FIX	
HORIZONTAL BOW	HB	0~63	32	*FIX	
S-CORRECTION	S-COR	0~63	0	ADJ	*5
WHITE POINT RED STD WHITE TEMP	DRI-RS	0~63	32	*FIX	
WHITE POINT GREEN STD WHITE TEMP	DRI-GS	0~63	32	ADJ	
WHITE POINT BLUE STD WHITE TEMP	DRI-B5	0~63	32	ADJ	
WHITE POINT RED COOL WHITE TEMP	DRI-RC	0~63	25	ADJ	*3
WHITE POINT GREEN COOL WHITE TEMP	DRI-GC	0~63	32	ADJ	(DRI-GS)-7 DATA*3
WHITE POINT BLUE COOL WHITE TEMP	DRI-BC	0~63	32	ADJ	SAME AS (DRI-B5) DATA
WHITE POINT RED WARM WHITE TEMP	DRI-RW	0~63	32	*FIX	
WHITE POINT GREEN WARM WHITE TEMP	DRI-GW	0~63	32	ADJ	(DRI-GS)-7 DATA
WHITE POINT BLUE WARM WHITE TEMP	DRI-BW	0~63	32	ADJ	(DRI-B5)-7 DATA
MAX VOLUME	SUB-VOL	0~63	63	*FIX	*7
SUB CONTRAST	SUB-CON	0~63	63	ADJ	
SUB COLOUR	SUB-COL	0~63	32	ADJ	
SUB BRIGHTNESS	SUB-BRI	0~63	32	ADJ	
SUB TINT	SUB-TINT	0~63	32	ADJ	
SUB SHARPNESS	SUB-SHP	0~63	32 (20)	*FIX	
MAX HOTEL VOLUME	HTL-VOL	0~63	32	*FIX	
HOTEL PROGRAM NUMBER	HTL-PRG	0~99	0R~99FOR NONE	255	*FIX
OSD GRB REFERENCE	RGB	0~15	15	ADJ	*8
BLACK LEVEL OFF-SET R	CUT-R	0~63	32	ADJ	
BLACK LEVEL OFF-SET G	CUT-G	0~63	32	ADJ	
CATHODE DRIVE LEVEL	CDL	0~15	0	ADJ	*2
Y-DELAY TIME FOR PAL(TV) [YD]	DL-PT	0~15	12	*FIX	
Y-DELAY TIME FOR SECAM(TV) [YD]	DL-ST	0~15	15	*FIX	
Y-DELAY TIME FOR N358 (TV) [YD]	DL-3T	0~15	12	*FIX	
Y-DELAY TIME FOR N443 (TV) [YD]	DL-4T	0~15	12	*FIX	
Y-DELAY TIME FOR B/W (TV) [YD]	DL-TV	0~15	12	*FIX	
Y-DELAY TIME FOR PAL (AV) [YD]	DL-PA	0~15	12	*FIX	
Y-DELAY TIME FOR SECAM (AV) [YD]	DL-SA	0~15	15	*FIX	
Y-DELAY TIME FOR N358 (AV) [YD]	DL-3A	0~15	12	*FIX	
Y-DELAY TIME FOR N443 (AV) [YD]	DL-4A	0~15	12	*FIX	
Y-DELAY TIME FOR B/W (AV) [YD]	DL-AV	0~15	12	*FIX	
COLOUR OFFSET (PAL)	COL-OP	0~15	8	ADJ	*6
COLOUR OFFSET (SECAM)	COL-OS	0~15	8	ADJ	*6
COLOUR OFFSET (NTSC358)	COL-O3	0~15	4	ADJ	*6
COLOUR OFFSET (NTSC443)	COL-O4	0~15	4	ADJ	*6
SHARPNESS OFFSET (PAL)	SHP-OP	0~15	8	*FIX	
SHARPNESS OFFSET (SECAM)	SHP-O3	0~15	4	*FIX	
SHARPNESS OFFSET (NTSC358)	SHP-O4	0~15	4	*FIX	

EEPROM ITEMS	OSD	DATA LENGTH	INITIAL DATA	FIX/ADJ	REMARK
SHARPNESS OFFSET (NTSC443)	SHP-O4	0~15	8	*FIX	
VERTICAL SCAN DISABLE	VSD	0(DISABLE)/1(ENABLE)	0	*FIX	
BKS	AVL	0(DISABLE)/1(ENABLE)	1	*FIX	
AUTOMATIC VOLUME LEVELING	AVL	0(DISABLE)/1(ENABLE)	1	*FIX	
FAST FILTER IF-PLL	FFI	0(DISABLE)/1(ENABLE)	0	*FIX	
ENABLE VERTICAL GUARD (RGB BLANKING)	EVG	0(DISABLE)/1(ENABLE)	1	*FIX	
EHT TRACKING MODE (HCO)	EHT	0(DISABLE)/1(ENABLE)	1	*FIX	
OVERSCAN SWITCH OFF	OSO	0(DISABLE)/1(ENABLE)	0	*FIX	
AUTO COLOUR LIMIT	ACL	0(DISABLE)/1(ENABLE)	0	*FIX	
FORCED COLOUR LIMIT	FCO	0(DISABLE)/1(ENABLE)	0	*FIX	
SOUND SYSTEM M	S-M	0(DISABLE)/1(ENABLE)	0	*FIX	
SOUND SYSTEM DK	S-DK	0(DISABLE)/1(ENABLE)	1	ADJ	*4
SOUND SYSTEM I	S-I	0(DISABLE)/1(ENABLE)	1	ADJ	*4
SOUND SYSTEM BG	S-BG	0(DISABLE)/1(ENABLE)	1	*FIX	
PLAYBACK SECAM	P-5ECAM	0(DISABLE)/1(ENABLE)	1	ADJ	*4
FE (RF) NTSC 3.58	F-N358	0(DISABLE)/1(ENABLE)	0	*FIX	
FE (RF) NTSC 4.43	F-N443	0(DISABLE)/1(ENABLE)	1	ADJ	*4
FE (RF) SECAM	F-5ECAM	0(DISABLE)/1(ENABLE)	1	ADJ	*4
VIDEO MUTE AT IDENT LOSS	VMI	0(DISABLE)/1(ENABLE)	1	*FIX	
VIDEO MUTE AT PROGRAM/SOURCE CHANGE	VMC	0(DISABLE)/1(ENABLE)	1	*FIX	
HOTEL MODE	HTL	0(DISABLE)/1(ENABLE)	0	*FIX	
REDUCED FM DEMODULATOR GAIN FOR BTSC SIGNAL	BTSC	0(DISABLE)/1(ENABLE)	0	*FIX	
NUMBER OF EXTERNAL AV SOURCE	AV	0 FOR 1AV FOR 2AV	1 (0)	*FIX	
FM WINDOW SELECTION	FMWS	0(DISABLE)/1(ENABLE)	0	*FIX	
SOUND MUTE BIT 0	S-M0	0(DISABLE)/1(ENABLE)	1	*FIX	
SOUND MUTE BIT 1	S-M1	0(DISABLE)/1(ENABLE)	0	*FIX	
THAI LANGUAGE	THA	0(DISABLE)/1(ENABLE)	0	*FIX	
ARABIC LANGUAGE	ARA	0(DISABLE)/1(ENABLE)	1	*FIX	
MALAY LANGUAGE	MAL	0(DISABLE)/1(ENABLE)	1	*FIX	
CHINESE LANGUAGE	CHI	0(DISABLE)/1(ENABLE)	1	*FIX	
FRENCH LANGUAGE	FRE	0(DISABLE)/1(ENABLE)	1	*FIX	
RUSSIAN LANGUAGE	RUS	0(DISABLE)/1(ENABLE)	1	*FIX	
FORCED V-SYNC SLICING LEVEL	F-SL	0(DISABLE)/1(ENABLE)	0	*FIX	
SYNC OF OSD	HP2	0(DISABLE)/1(ENABLE)	0	*FIX	
TUNER SELECTION (0:SHARP/ALPS;1:MURATA)	CPT	0(DISABLE)/1(ENABLE)	0	*FIX	
BILINGUAL	BIL	0(DISABLE)/1(ENABLE)	0	*FIX	
IF AGC SPEED BIT 0	AGC0	0(DISABLE)/1(ENABLE)	1	*FIX	
IF AGC SPEED BIT 1	AGC1	0(DISABLE)/1(ENABLE)	0	*FIX	
PHI-1 TIME CONSTANT (RF)	FOA-FE	0(DISABLE)/1(ENABLE)	0	*FIX	
PHI-1 TIME CONSTANT (OFF AIR)	FOB-FE	0(DISABLE)/1(ENABLE)	0	*FIX	
PHI-1 TIME CONSTANT (OFF AIR)	FOA-AV	0(DISABLE)/1(ENABLE)	1	*FIX	
PHI-1 TIME CONSTANT (OFF AIR)	FOB-AV	0(DISABLE)/1(ENABLE)	1	*FIX	
LED BLINK SPEED	LED-F	0(DISABLE)/1(ENABLE)	0 (1)	*FIX	
VOLUME CONTROL PWM TABLE	M5A	0(DISABLE)/1(ENABLE)	0 (1)	*FIX	
OUTPUT VERTICAL GUARD	NDF	0(DISABLE)/1(ENABLE)	0 (1)	*FIX	

NOTE :
 1) *FIX: PLEASE DO NOT CHANGE FIXED DATA WITHOUT SPECIFIC INSTRUCTION.
 Please set the EEPROM initial data according to the value in parenthesis () before adjustment.
 2) *2: CDL ADJUST = 7
 3) *4: SET: S-DK = 1 - 0
 S-I = 1 - 0
 P-SECAM = 1 - 0
 F-N443 = 1 - 0
 F-SECAM = 1 - 0
 4) *5: S-COR ADJUST = 20
 COLOUR OFFSET (PAL)
 COLOUR OFFSET (SECAM)
 COLOUR OFFSET (NTSC358)
 COLOUR OFFSET (NTSC443)
 5) *6: ADJUST COLOUR OFFSET AFTER ADJUST SUB-COLOUR.
 COLOUR OFFSET (PAL)
 COLOUR OFFSET (SECAM)
 COLOUR OFFSET (NTSC358)
 COLOUR OFFSET (NTSC443)
 6) *7: SUB-COR = 63
 7) *8: RGB = 15