

# JVC

# SERVICE MANUAL

## COLOUR TELEVISION

BASIC CHASSIS

JK

# AV-29RSB(C-AU)

This service manual mainly consists of the following items:

- The items which differ from those for the AV-29RSB service manual.
- The initial value for each setting item.

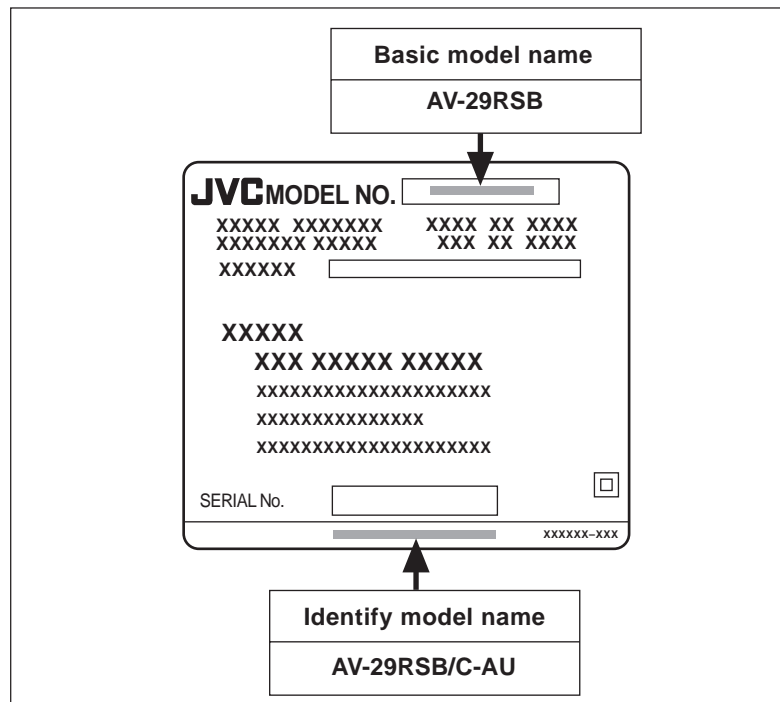
For details other than those described in this manual, please refer to the following service manual.

Reference Service Manual: AV-29RSB Service Manual (No. 51726, May 2000)

**Note:** The page in parentheses shows the one for the AV-29RSB service manual (No. 51726, May 2000).

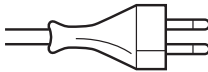
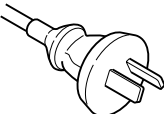
## HOW TO IDENTIFY MODEL

While referring to the illustration given below, identify model name on the rating label affixed to the rear cover.



# PARTS DIFFERENCE TABLE

The different parts between AV-29RSB and AV-29RSB(C-AU) are described below:

▲	REF. NO.	AV-29RSB	AV-29RSB(C-AU)	PART NAME	DESCRIPTION
		PART No.	PART No.		
<b>■ EXPLODED VIEW PARTS LIST (Page 36)</b>					
▲	V01	A68LTF356X	————	PICTURE TUBE	
		————	<b>A68QCU259X67S</b>	PICTURE TUBE	ITC Type
	DY01	QQD0042-001	————	DEF YOKE	
▲	T2551	QQH0077-001	<b>QQH0082-001</b>	H.V. TRANSF.	
	3	CE41488-00A	————	WEDGE ASSY	(×4)
	4	CE42568-00A	————	PC MAGNET	
▲	13	QMP40D0-200J5 or QMP40D0-200J3 	<b>QMP2980-185J5</b> 	POWER CORD	
▲	15	LC10763-006A-HH	<b>LC10763-001D-H</b>	REAR COVER	
▲	16	LC20377-001B-H	<b>LC20377-013B-H</b>	RATING LABEL	
	—	————	<b>CM46966-002</b>	STICKER	
<b>■ PRINTED WIRING BOARD PARTS LIST [MAIN PWB ASSY] (Page 38-)</b>					
	—	SJK-1001A-H2	<b>SJK-1036A-H2</b>	MAIN PWB ASSY	
	R1321	NRSA02J-272X	————	CH MG R	2.7kΩ 1/10W J
		————	<b>NRSA02J-472X</b>	CH MG R	4.7kΩ 1/10W J
	C1407	QFV71HJ-824Z	————	TF CAP.	0.82μF 50V J
		————	<b>QFV71HJ-684Z</b>	TF CAP.	0.68μF 50V J
	C1509	NCB21HK-823X	————	CH C CAP.	0.082μF 50V K
		————	<b>NCF21CZ-105X</b>	CH C CAP.	1μF 16V Z
	D1331	————	<b>MA3051/H/-X</b>	CHIP ZENER DIODE	
	D1332	————	<b>MA3051/H/-X</b>	CHIP ZENER DIODE	
	D1333	————	<b>MA3051/H/-X</b>	CHIP ZENER DIODE	
	D1334	————	<b>MA111-X</b>	CHIP DIODE	
	D1335	————	<b>MA111-X</b>	CHIP DIODE	
	D1336	————	<b>MA111-X</b>	CHIP DIODE	
	IC1502	BA05T	<b>AN7805F</b>	IC	
	L1307	QQR0621-002Z	<b>CE41433-001Z</b>	BEADS CORE	
<b>■ PRINTED WIRING BOARD PARTS LIST [POWER &amp; DEF PWB ASSY] (Page 41-)</b>					
	—	SJK-2001A-H2	<b>SJK-2033A-H2</b>	POWER & DEF PWB ASSY	
	R2403	QRE141J-332Y	————	C R	3.3kΩ 1/4W J
		————	<b>QRE141J-392Y</b>	C R	3.9kΩ 1/4W J
	R2406	QRE141J-472Y	————	C R	4.7kΩ 1/4W J
		————	<b>QRE141J-562Y</b>	C R	5.6kΩ 1/4W J

△	REF. NO.	AV-29RSB	AV-29RSB(C-AU)	PART NAME	DESCRIPTION		
		PART No.	PART No.				
<b>■ PRINTED WIRING BOARD PARTS LIST [POWER &amp; DEF PWB ASSY] - Continued (Page 41-)</b>							
	R2414	QRE121J-1R2Y	————	C R	1.2Ω	1/2W	J
		————	<b>QRE121J-3R3Y</b>	C R	3.3Ω	1/2W	J
	R2451	QRE121J-184Y	————	C R	180kΩ	1/2W	J
		————	<b>QRE121J-823Y</b>	C R	82kΩ	1/2W	J
	R2452	QRE121J-104Y	————	C R	100kΩ	1/2W	J
		————	<b>QRE121J-184Y</b>	C R	180kΩ	1/2W	J
	R2464	QRE121J-392Y	————	C R	3.9kΩ	1/2W	J
		————	<b>QRE121J-222Y</b>	C R	2.2kΩ	1/2W	J
	R2465	QRE121J-472Y	————	C R	4.7kΩ	1/2W	J
		————	<b>QRE121J-682Y</b>	C R	6.8kΩ	1/2W	J
	R2467	QRL03EJ-560X	————	OM R	56Ω	3W	J
		————	<b>QRL03EJ-270X</b>	OM R	27Ω	3W	J
	R2504	QRL03EJ-152X	————	OM R	1.5kΩ	3W	J
		————	<b>QRL03EJ-182X</b>	OM R	1.8kΩ	3W	J
	R2505	QRL03EJ-152X	————	OM R	1.5kΩ	3W	J
		————	<b>QRL03EJ-182X</b>	OM R	1.8kΩ	3W	J
	R2525	QRE141J-182Y	————	C R	1.8kΩ	1/4W	J
		————	<b>QRE141J-222Y</b>	C R	2.2kΩ	1/4W	J
	R2551	QRX029J-3R3	————	MF R	3.3Ω	2W	J
		————	<b>QRX029J-4R7</b>	OM R	4.7Ω	2W	J
	R2552	QRX029J-3R3	————	MF R	3.3Ω	2W	J
		————	<b>QRX029J-4R7</b>	OM R	4.7Ω	2W	J
△	R2554	QRZ9022-R56	————	F R	0.56Ω	1W	K
		————	<b>QRZ9021-1R5</b>	F R	1.5Ω	1W	J
	R2564	QRE121J-184Y	————	C R	180kΩ	1/2W	J
	R2565	QRE121J-184Y	————	C R	180kΩ	1/2W	J
	R2566	QRE121J-184Y	————	C R	180kΩ	1/2W	J
	R2567	QRE121J-184Y	————	C R	180kΩ	1/2W	J
	R2568	QRE121J-184Y	————	C R	180kΩ	1/2W	J
	R2569	QRE141J-102Y	————	C R	1kΩ	1/4W	J
	R2570	QRE141J-392Y	————	C R	3.9kΩ	1/4W	J
	R2572	QRE141J-183Y	————	C R	18kΩ	1/4W	J
	R2573	QRE141J-183Y	————	C R	18kΩ	1/4W	J
	R2574	QRE141J-392Y	————	C R	3.9kΩ	1/4W	J
	R2575	QRE141J-152Y	————	C R	1.5kΩ	1/4W	J
	R2913	QRT029J-4R7	————	MF R	4.7Ω	2W	J
		————	<b>QRZ9017-100</b>	F R	10Ω	1/4W	J
	C2521	QFZ0200-452	————	MPP CAP.	4500pF	1.5kVH	±3%
		————	<b>QFZ0196-372</b>	MPP CAP.	3700pF	1.5kVH	±3%

△	REF. NO.	AV-29RSB	AV-29RSB(C-AU)	PART NAME	DESCRIPTION		
		PART No.	PART No.				
<b>■ PRINTED WIRING BOARD PARTS LIST [POWER &amp; DEF PWB ASSY] - Continued (Page 41-)</b>							
	C2523	QFP32JJ-153	———	PP CAP.	0.015μF	630V	J
		———	<b>QFP32GJ-223</b>	PP CAP.	0.022μF	400V	J
	C2532	———	<b>QCS32HJ-101Z</b>	C CAP.	100pF	500V	J
	C2542	QFZ0199-184	———	MPP CAP.	0.18μF	250V	J
		———	<b>QFZ0199-683</b>	MPP CAP.	0.068μF	250V	J
	C2561	QFV71HJ-154Z	———	TF CAP.	0.15μF	50V	J
		———	<b>QFLC1HJ-563Z</b>	M CAP.	0.056μF	50V	J
	C2563	QCZ0122-471	———	C CAP.	470pF	2kV	K
	C2564	QCZ0122-471	———	C CAP.	470pF	2kV	K
	C2565	QFZ0122-682	———	MPP CAP.	6800pF	1.8kVH	±3%
	C2568	QFLC1HJ-563Z	———	M CAP.	0.056μF	50V	J
	C2569	QETN1EM-476Z	———	E CAP.	47μF	25V	M
	C2909	———	<b>QCZ0325-561</b>	C CAP.	560pF	2kV	K
	C2911	QCZ0325-821	———	C CAP.	820pF	2kV	K
		———	<b>QCZ0325-561</b>	C CAP.	560pF	2kV	K
	C2914	———	<b>QCZ0122-271</b>	C CAP.	270pF	2kV	K
	C2915	———	<b>QCB32HK-681Z</b>	C CAP.	680pF	500V	K
	C2954	QETM1EM-228	———	E CAP.	2200μF	25V	M
		———	<b>QEZ0257-228</b>	E CAP.	2200μF	25V	M
△	T2551	QQH0077-001	<b>QQH0082-001</b>	H.V. TRANSF.			
	L2522	QQR1137-001	<b>CELL001-002</b>	LINEARITY COIL			
	D2403	1SS133-T2	———	SI DIODE			
	D2561	ES1F-LFG2	———	SI DIODE			
	D2562	ES1F-LFG2	———	SI DIODE			
	Q2521	2SD2539-LB	<b>2SD2559-LB</b>	POWER TRANSISTOR			
	Q2562	2SC1740S/QR/-T	———	SI TRANSISTOR			
	Q2563	2SC4686A	———	POWER TRANSISTOR			
	K2901	CH41005-H-10C	<b>QQR0679-001</b>	FERRITE BEADS			
	K2904	———	<b>QQR0621-002Z</b>	BEADS CORE			
	K2955	IM-BW	<b>CE42050-001Z</b>	CORE SLEEVE			
<b>■ PRINTED WIRING BOARD PARTS LIST [CRT SOCKET PWB ASSY] (Page 44)</b>							
	—	SJK-3001A-H2	<b>SJK-3011A-H2</b>	CRT SOCKET PWB ASSY			
	R3151	———	<b>NRSA02J-122X</b>	CH MG R	1.2kΩ	1/10W	J
	R3152	———	<b>NRSA02J-222X</b>	CH MG R	2.2kΩ	1/10W	J
	R3154	———	<b>NRSA02J-0R0X</b>	CH MG R	0.0Ω	1/10W	J
	R3159	QVP0038-206	———	TRIM R	20MΩ		
	C3107	———	<b>QETN1HM-335Z</b>	E CAP.	3.3μF	50V	M
	C3118	———	<b>NDC21HJ-560X</b>	CH C CAP.	56pF	50V	J

△	REF. NO.	AV-29RSB	AV-29RSB(C-AU)	PART NAME	DESCRIPTION		
		PART No.	PART No.				
<b>■ PRINTED WIRING BOARD PARTS LIST [CRT SOCKET PWB ASSY] - Continued (Page 44)</b>							
	C3311	NDC21HJ-821X	————	CH C CAP.	820pF	50V	J
		————	<b>NDC21HJ-271X</b>	CH C CAP.	270pF	50V	J
	C3313	NDC21HJ-561X	————	CH C CAP.	560pF	50V	J
	D3151	————	<b>MA111-X</b>	CHIP DIODE			
	D3152	————	<b>MA3047/H/-X</b>	CHIP ZENER DIODE			
	D3153	————	<b>MA111-X</b>	CHIP DIODE			
	D3154	————	<b>MA111-X</b>	CHIP DIODE			
	D3155	————	<b>MA111-X</b>	CHIP DIODE			
	D3156	————	<b>MA3047/H/-X</b>	CHIP ZENER DIODE			
	D3163	————	<b>MA3150/M/-X</b>	CHIP ZENER DIODE			
	Q3151	————	<b>2SA1037AK/QR/-X</b>	SI TRANSISTOR			
	Q3152	————	<b>2SC4682-T</b>	TRANSISTOR			
△	SK3001	CE42446-001	<b>CE42670-001</b>	CRT SOCKET			
<b>■ PRINTED WIRING BOARD PARTS LIST [AV SEL. PWB ASSY] (Page 46-)</b>							
	—	SJK0S001A-H2	<b>SJK0S012A-H2</b>	AV SEL. PWB ASSY			
	R0308	NRSA02J-222X	————	CH MG R	2.2kΩ	1/10W	J
	C0315	NCB21HK-103X	————	CH C CAP.	0.01μF	50V	K
	C0316	QETN1HM-106Z	————	E CAP.	10μF	50V	M
	C0318	QENC1EM-106Z	————	BP E CAP.	10μF	25V	M
	C0320	QENC1EM-106Z	————	BP E CAP.	10μF	25V	M
	C0323	QENC1EM-106Z	————	BP E CAP.	10μF	25V	M
	C0330	QETN1CM-107Z	————	E CAP.	100μF	16V	M
	C0331	NCB21HK-103X	————	CH C CAP.	0.01μF	50V	K
	C0371	QETN1EM-476Z	————	E CAP.	47μF	25V	M
	C0372	QETN1EM-476Z	————	E CAP.	47μF	25V	M
	C0374	QETN1CM-107Z	————	E CAP.	100μF	16V	M
	IC0303	LA7222	————	IC			
	IC0371	BA17805T	————	IC			
	IC0372	MC33269D-3.3X	————	IC			
△	CP0901	ICP-N5-Y	————	IC PROTECTOR			
	MD0008	SCD0Y021A-H2	————	PWB MODULE			
<b>■ PACKING PARTS LIST (Page 49)</b>							
	—	————	<b>BT-56001-2</b>	WARRANTY CARD			
	—	————	<b>BT-56002-2</b>	SERVICE CENTER LIST			

# SPECIFICATIONS (Page 2)

Item		CONTENTS
<b>Dimensions (W × H × D)</b>		732mm × 588mm × 508mm
<b>Mass</b>		50kg
<b>TV RF System</b>		B, G, I, D, K, K1, M
<b>Colour System</b>		PAL, SECAM, NTSC3.58, NTSC4.43
<b>Stereo System</b>		A2 / NICAM (B,G)
<b>Teletext System</b>		FLOF (Fastext), WST (World standard system)
<b>Receiving Frequency</b>		VHF (L) 46.25MHz ~ 168.25MHz VHF (H) 175.25MHz ~ 463.25MHz UHF 471.25MHz ~ 863.25MHz CATV Mid (X-Z, S1-S10), Super (S11-S20), Hyper (S21-S41) bands receivable
<b>Intermediate Frequency</b>		VIF Carrier 38.0MHz SIF Carrier 33.5MHz(4.5MHz), 32.5MHz(5.5MHz), 32.0MHz(6.0MHz), 31.5MHz(6.5MHz)
<b>Colour Sub Carrier Frequency</b>		PAL 4.43MHz SECAM 4.40625MHz, 4.25MHz NTSC 3.58MHz / 4.43MHz
<b>Power Input</b>		AC110 ~ 240V, 50/60Hz
<b>Power Consumption</b>		233W (Max) / 163W (Avg)
<b>Picture Tube</b>		Visible size : 68cm measured diagonally
<b>High Voltage</b>		32.0kV ±1.5kV (at zero beam current)
<b>Speaker &amp; Audio Output</b>		Closed dome speaker with TWIN PORT BASS system L / R : 15W+15W (10cm round x 2, +3.5cm round x 2) Center : 5W (4 x 12cm oval x 1)
<b>Video Audio Input terminals</b>		
<b>Video1</b>	<b>S-Video</b>	Y: 1Vp-p Positive (Negative sync provided, when terminated with 75Ω) C: 0.286Vp-p (Burst signal, when terminated with 75Ω)
	<b>Video</b>	1Vp-p 75Ω (RCA pin jack)
	<b>Audio (L/R)</b>	500mVrms (-4dBs), High impedance (RCA pin jack)
<b>Video2</b>	<b>Video</b>	1Vp-p 75Ω (RCA pin jack)
	<b>Audio (L/R)</b>	500mVrms (-4dBs), High impedance (RCA pin jack)
<b>Video3</b>	<b>Video/Y</b>	Composite video 1Vp-p 75Ω (RCA pin jack) Component video 1Vp-p 75Ω (RCA pin jack)
	<b>Cb</b>	Component video B-Y 0.7Vp-p 75Ω (RCA pin jack)
	<b>Cr</b>	Component video R-Y 0.7Vp-p 75Ω (RCA pin jack)
	<b>Audio (L/R)</b>	500mVrms (-4dBs), High impedance (RCA pin jack)
<b>Video4 (Front terminal)</b>	<b>S-Video</b>	Y: 1Vp-p Positive (Negative sync provided, when terminated with 75Ω) C: 0.286Vp-p (Burst signal, when terminated with 75Ω)
	<b>Video</b>	1Vp-p 75Ω (RCA pin jack)
	<b>Audio (L/R)</b>	500mVrms (-4dBs), High impedance (RCA pin jack)
<b>Video Audio Output terminal</b>		
	<b>Video</b>	1Vp-p 75Ω (RCA pin jack)
	<b>Audio (L/R)</b>	500mVrms (-4dBs), High impedance (RCA pin jack)
<b>Aerial Input Terminal</b>		75Ω Unbalanced, Coaxial
<b>Headphone Jack</b>		Stereo mini jack (3.5ø)
<b>AV Compu Link terminal</b>		AV Compu Link II, mini jack (3.5ø)
<b>Remote Control Unit</b>		RM-C110-2H (AA/R06 / UM-3 dry battery × 2)

*Design & specifications are subject to change without notice.*

# SPECIFIC SERVICE INSTRUCTIONS

## SETTING OF SYSTEM CONSTANT SET (Page 10)

Table 1

CONTENTS	VARIABLE RANGE	INITIAL SETTING VALUE
COLOUR	<input type="checkbox"/> MULTI → TRIPLE → PAL <input type="checkbox"/>	MULTI
MSP	<input type="checkbox"/> YES → NO <input type="checkbox"/>	YES
SUPER BASS	<input type="checkbox"/> YES → NO <input type="checkbox"/>	YES
CENTER SPEAKER	<input type="checkbox"/> YES → NO <input type="checkbox"/>	YES
TEXT	<input type="checkbox"/> YES → NO <input type="checkbox"/>	YES
BLUE BACK MUTE	<input type="checkbox"/> YES → NO <input type="checkbox"/>	NO
VOLUME LIMIT	<input type="checkbox"/> YES → NO <input type="checkbox"/>	YES
COLOUR AUTO	<input type="checkbox"/> YES → NO <input type="checkbox"/>	NO
TILT	<input type="checkbox"/> YES → NO <input type="checkbox"/>	YES
C-TRAP	<input type="checkbox"/> 1 → 0 <input type="checkbox"/>	1
E.M.C.	<input type="checkbox"/> YES → NO <input type="checkbox"/>	NO
N/S WHITE BACK	<input type="checkbox"/> YES → NO <input type="checkbox"/>	NO
7 LED SPEED	<input type="checkbox"/> 00 → 10 → 20 → ... → 1250 <input type="checkbox"/> <input type="checkbox"/> 1270 ← 1260 ← <input type="checkbox"/>	100

## USER SETTING CONDITIONS (Page 10)

Table 2

PICTURE SETTING		FEATURES	
PICTURE MODE	BRIGHT	SLEEP TIMER	OFF
CONTRAST	CENTER	ON TIMER	PR1 0:00
BRIGHT	CENTER	BLUE BACK	ON
SHARP	CENTER	CHILD LOCK	OFF
COLOUR	CENTER	CHANNEL GUARD	--
TINT	CENTER	AUTO SHUT OFF	OFF
WHITE BALANCE	COOL	VIDEO-3 SETTING	COMPONENT
PICTURE FEATURES		INSTALL	
A.A.C	ON	LANGUAGE	ENGLISH
AUTO VNR	AUTO	AUTO PROGRAM	--
COLOUR SYSTEM	TV: According to preset CH VIDEO: AUTO PAL	EDIT / MANUAL	PRESET CH only Others: blank
ZOOM	REGULAR	DEMO	
ECO SENSOR	OFF	DEMO	OFF
PICTURE TILT	CENTER	OTHERS	
SOUND SETTING		VOLUME	Appropriate sound level
SETERO / I • II	<input type="radio"/>	CHANNEL PRESET	Refer to Operating Instructions.
BASS	CENTER	CHANNEL POSITION	1 POSITION
TREBLE	CENTER	SUB POWER	ON
BALANCE	CENTER	ON SCREEN DISPLAY	POSITION INDICATION
AI VOLUME	ON	TV/VIDEO	TV
BBE	ON	SOUND SYSTEM	B/G
SPATIALIZER	OFF		
SUPER BASS	ON		

# SERVICE ADJUSTMENTS

## ■ Initial Setting Value

### ■ SETTING OF VSM PRESET (Page 19)

[INITIAL SETTING VALUES OF VSM PRESET (SUB MENU 5. VSM PRESET)]

PICTURE MODE ITEM	BRIGHT	STANDARD	SOFT
1. BRIGHT	+0	+0	+0
2. CONT	+17	+0	-4
3. COLOR	+0	+0	-1
4. SHARP	+0	+0	-3
5. TINT	+0	+0	+0

 : Do not adjust.

### ■ SETTING OF WHITE BALANCE PRESET (Page 20)

[SETTING OF WHITE BALANCE PRESET (SUB MENU 6. WB PRESET)]


WHITE BALANCE ITEM	COOL	MID	WARM
1. R DRIVE	0	-3	+26
2. B DRIVE	0	-23	-27

 : Do not adjust.



## ■ VIDEO / CHROMA CIRCUIT ADJUSTMENT (Page 20)

CONTENTS		PAL	SECAM	NTSC 3.58	NTSC 4.43
1. CUTOFF	R	-60			
	G	-60			
	B	-60			
2. DRIVE	R	+0			
	B	+0			
3. BRIGHT	TV	0	+3	+1	—
	VIDEO	-3	+2	+1	—
	COMPONENT	-2			
4. CONT	TV	-15	0	0	—
	VIDEO	0	0	0	—
	COMPONENT	+2			
5. COLOUR	TV / VIDEO	+10	+18	+0	0
	COMPONENT	+8		+17	
6. TINT	TV	+6	+6	+7	0
	VIDEO	+6	+6	+14	0
	COMPONENT	+6		+4	
7. BLACK OFFSET	R-Y	—	0	—	—
	B-Y	—	0	—	—
8. SHARP	TV	-14	-13	-12	—
	VIDEO	-8	-7	-9	—
	COMPONENT	-10			

 : Do not adjust.

### Adjustment of SUB COLOUR-II (Page 23)

Adjustment part	Description
<b>5. COLOUR</b>	
PAL COLOUR	Value (A) in the figure: Set to <b>-3V (W &amp; G)</b> .
SECAM COLOUR	Value (A) in the figure: Set to <b>-5V (W &amp; G)</b> .
NTSC 3.58 COLOUR	Value (A) in the figure: Set to <b>+3V (W &amp; G)</b> .

### Adjustment of SUB TINT-II (Page 24)

Adjustment part	Description
<b>6. TINT</b>	
NTSC 3.58 TINT	Value (B) in the figure: Set to <b>+4V (W &amp; Cy)</b> .

## ■ DEFLECTION CIRCUIT ADJUSTMENT (Page 26)

[DEFLECTION ADJUSTMENTS INITIAL SETTING VALUE (SUB MENU 4. DEF)]

Setting item	Adjustment name	Initial setting value					
		REGULAR		ZOOM		16:9	
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
1. V-SHIFT	Vertical shift	-5	-1	0	+1	0	0
2. V-SIZE	Vertical size	+7	-1	+36	+35	-39	-39
3. SUBTITLE	Subtitle	0	+1	-7	+7	0	0
4. H-CENT	Horizontal center	-10	+5	-1	-1	0	-1
5. H-SIZE	Horizontal size	-12	-1	-4	-4	0	-1
6. EW-PIN	Side pin correction	-3	+1	-4	-4	+2	0
7. TRAPEZ	Trapezoidal distortion correction	+4	-2	0	-1	0	+1
8. EW.COR.L	Corner pin correction Low side	-2	0	-1	-1	+1	+1
9. EW.COR.H	Corner pin correction High side	-2	0	0	0	+1	+1
10. V.S-COR	Vertical size correction	+13	0	0	0	0	0
11. V-LIN	Vertical Linearity	+2	-1	-1	-1	+1	0
12. H-BLK-R	Horizontal Blanking Right	0	0	0	0	+77	0
13. H-BLK-L	Horizontal Blanking Left	0	0	0	0	+2	0
14. V-EHT	V size correction level caused by EHT change	-4	0	0	0	0	0
15. H-EHT	H size correction level caused by EHT change	-3	0	0	0	0	0
16. EHT-GAIN	Size correction gain caused by EHT change	+3	0	0	0	0	0

: Do not adjust.

## ■ AUDIO CIRCUIT ADJUSTMENT (Page 30)

[AUDIO ADJUSTMENTS INITIAL SETTING VALUE (SUB MENU 3. AUDIO)]

Setting item	Variable range	Fixed value
1. ERROR LIMIT	000H ~ FF0H	100H
2. A2 ID THR	00H ~ FFH	14H
3. BASS	-17 ~ +17	+0
4. TREBLE	-17 ~ +17	+0

: Do not adjust.

# JVC

VICTOR COMPANY OF JAPAN, LIMITED

HOME AV NETWORK BUSINESS UNIT 1106 Heta, Iwai-city, Ibaraki-prefecture, 306-0698, Japan