

Service Manual

ORDER NO.
RRV2573

DVD/CD RECEIVER

XV-DV33

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Type	Model	Power Requirement	Region No.	Remarks
	XV-DV33			
MAMXQ	○	AC220-230V	6	

● This service manual should be used together with the following manual(s):

Model No.	Order No.	Remarks
XV-S100DV/MYXJN	RRV2497	

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1. CONTRAST OF MISCELLANEOUS PARTS

- NOTES: ● Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.
 ● The Δ mark found on some component parts indicates the importance of the safety factor of the part.
 Therefore, when replacing, be sure to use parts of identical designation.
 ● Screws adjacent to ∇ mark on product are used for disassembly.
 ● Reference Nos. indicate the pages and Nos. in the service manual for the base model.
 ● When ordering resistors, first convert resistance values into code form as shown in the following examples.
 Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47k ohm (tolerance is shown by J=5%, and K=10%).
- | | | | | | | | | | | |
|-----|---|------------------|-------|-----|-------|---------|---|---|---|---|
| 560 | → | 56×10^1 | → | 561 | | RD1/4PU | 5 | 6 | 1 | J |
| 47k | → | 47×10^3 | → | 473 | | RD1/4PU | 4 | 7 | 3 | J |
| 0.5 | → | R50 | | | | RN2H | R | 5 | 0 | K |
| 1 | → | 1R0 | | | | RS1P | 1 | R | 0 | K |
- Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).
- | | | | | | | | | | | | |
|-------|---|-------------------|---|------|-------|---------|---|---|---|---|---|
| 5.62k | → | 562×10^1 | → | 5621 | | RN1/4PC | 5 | 6 | 2 | 1 | F |
|-------|---|-------------------|---|------|-------|---------|---|---|---|---|---|

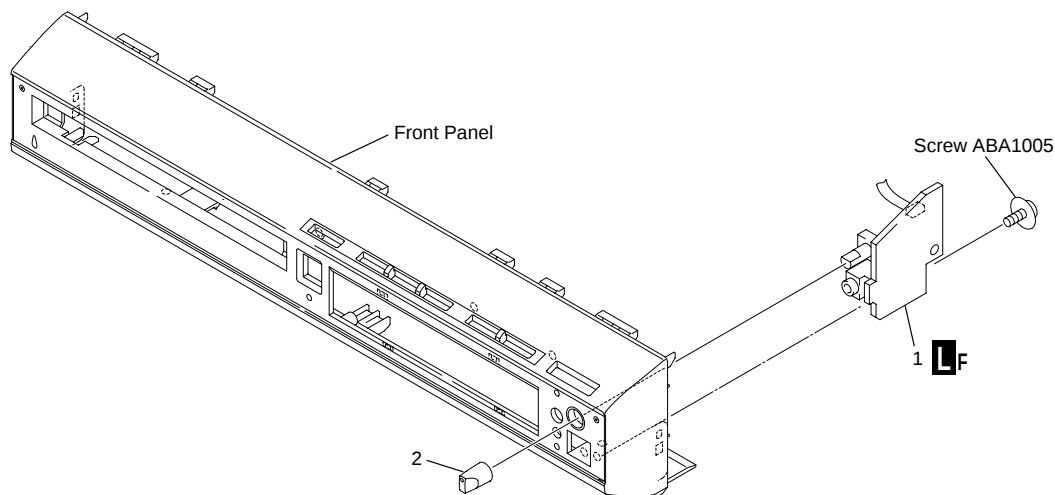
■ CONTRAST TABLE

XV-DV33/MAMXQ and XV-S100DV/MYXJN are constructed the same except for the following :

Ref. No.	Mark	Symbol and Description	Part No.		Remarks
			XV-S100DV /MYXJN	XV-DV33 /MAMXQ	
P5- 2 P5- 5	NSP	PCB ASSEMBLIES			No. 1
		DCS MAIN ASSY	AWM7634	AWM7662	
		└ CONTROL ASSY	AWU7856	AWU7934	
P5- 7 P6- 2	NSP	└ AMP ASSY	AWU7935	AWU7857	
		DCS COMPLEX ASSY	AWM7635	AWM7641	
		└ POWER ASSY	AWU7860	AWU7869	
P3- 1 P3- 4 P3- 9 P3-10 P3-11 P3-12 P3-13 P3-15 P3-16 P3-17 P3-18 P3-19 P3-20 P3-21 P3-22 P5-19 P5-38 P5-39 P5-40	Δ NSP	PACKING SECTION			
		Power Cord	ADG1154	ADG7018	
		Warranty Card	ARY7022	ARY7046	
		Pad L	AHA7360	AHA7370	
		Pad R	AHA7361	AHA7371	
		Spacer	AHB7059	Not used	
		Packing Case	AHD8038	AHD8051	
		Packing Sheet	AHG7065	PHF1001	
		Operating Instructions (German/Italian)	ARC7366	Not used	
		Operating Instructions (German/Italian)	ARC7367	Not used	
		Operating Instructions (Dutch/Spanish)	ARC7368	Not used	
		Operating Instructions (Dutch/Spanish)	ARC7369	Not used	
		Operating Instructions (Swedish/Portuguese)	ARC7370	Not used	
		Operating Instructions (Swedish/Portuguese)	ARC7371	Not used	
		Operating Instructions (English/French)	ARE7290	Not used	
		Operating Instructions (English/French)	ARE7291	Not used	
		Operating Instructions (Chinese)	Not used	ARC7380	
		Operating Instructions (Chinese)	Not used	ARC7381	
P6- 6		EXTERIOR SECTION			*1
		Rear Panel	ANC8009	ANC8062	
		Name Sheet	AAX7879	AAX7898	
		Getter Label DCS	AAX7882	AAX7883	
		Caution Label	VRW1699	VRW1904	
P6- 6		FRONT PANEL SECTION			No. 2
		Display Window	AAK7941	AAK7913	
		MIC Knob	Not used	AAB7240	

Notes : The numbers in the remarks column correspond to the numbers on the "EXPLODED VIEWS".
 For PCB ASSEMBLIES, Refer to "CONTRAST OF PCB ASSEMBLIES", "PCB PARTS LIST", "2. SCHEMATIC DIAGRAM" and "3. PCB CONNECTION DIAGRAM".
 *1 Stick Label on the Rear Panel.

■ EXPLODED VIEWS
● FRONT PANEL SECTION



■ CONTRAST OF PCB ASSEMBLIES

DF CONTROL ASSY

AWU7934 and AWU7856 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWU7856	AWU7934	
	IC3901	NJM4560M	Not used	
	IC5701	BU1923F	Not used	
	Q3906	2SA1576A	Not used	
	C3147	Not used	CKSRYB473K25	
	C3148	Not used	CKSRYB223K50	
	C3906–C3908, C3911, C3912, C3917, C3918, C5701	CEAT100M50	Not used	
	C3909, C3910	CCSRCH470J50	Not used	
	C3913, C3914	CCSRCH221J50	Not used	
	C3947	Not used	CEV100M16	
	C5702	CCSRCH271J50	Not used	
	C5703	CCSRCH561J50	Not used	
	C5704	CKSRYB103K50	Not used	
	C5705	CEAT470M16	Not used	
	C5706, C5707	CCSRCH270J50	Not used	
	R3108	RS1/16S183J	RS1/16S273J	
	R3144, R3148, R3219, R3220, R3931	Not used	RS1/16S103J	
	R3145	Not used	RS1/16S562J	
	R3150	RS1/16S100J	Not used	
	R3916	RS1/16S153J	Not used	
	R3917, R3918	RS1/16S102J	Not used	
	R3919, R3920	RS1/8S0R0J	Not used	
	R3921, R3922, R3925, R3926	RS1/16S393J	Not used	
	R3923, R3924	RS1/16S182J	Not used	
	R3927, R3928, R3933, R3934	RS1/16S470J	Not used	
	R3929, R3930	RS1/16S104J	Not used	
	R3940	Not used	RS1/16S101J	
	R5566	RS1/16S473J	RS1/16S103J	
	R5567	Not used	RS1/16S393J	
	R5705	RS1/16S101J	Not used	
	R5781, R5782	Not Used	RS1/16S473J	
	CN3902 5P CONNECTOR	52151-0510	Not used	
	CN3931 3P CONNECTOR	Not used	52151-0310	
	X5701 CRYSTAL RESONATOR (4.332MHz)	ASS7004	Not used	

GF AMP ASSY

AWU7857 and AWU7935 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWU7935	AWU7857	
	R3187 R3188	RS1/16S472J RS1/16S823J	RS1/16S682J RS1/16S683J	

KF POWER ASSY

Although AWU7869 and AWU7860 are different in part number, they consist of the same components.

PCB PARTS LIST

Mark	No.	Description	Part No.
------	-----	-------------	----------

LF MIC ASSY

SEMICONDUCTORS

IC3931	NJM4558MD
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CAPACITORS

C3951, C3952	CCSRCH101J50
C3937	CCSRCH331J50
C3945, C3946	CCSRCH470J50
C3933, C3935, C3936, C3939	CEAT2R2M50
C3934	CEAT470M16
C3943, C3932, C3949, C3953, C3954	CKSRYB103K50
C3941	CKSRYB104K16
C3950	CKSRYB223K50

RESISTORS

VR3931 (10KΩ-B)	VCS1040
Other Resistors	RS1/16S□□□J

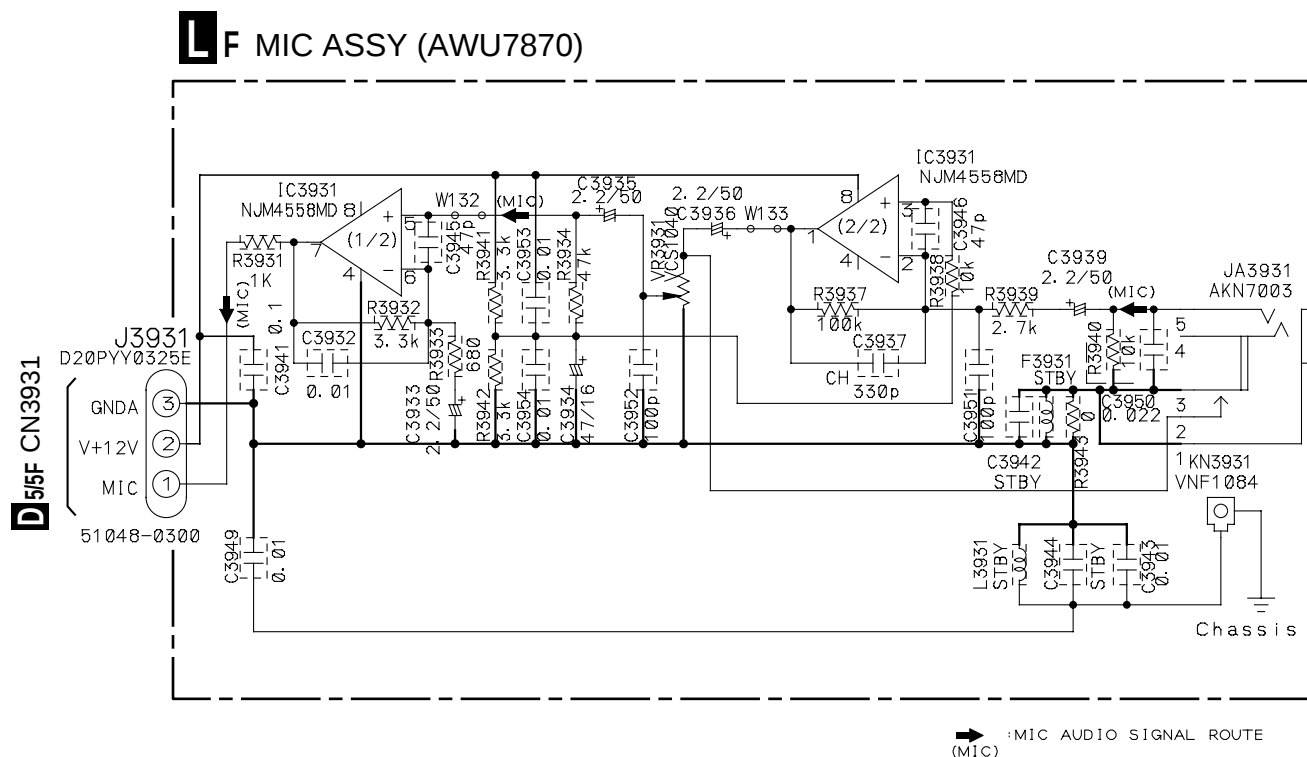
OTHERS

3932	3P CABLE HOLDER	51048-0300
3931	MINI JACK	AKN7003
J3931	3P JUMPER WIRE	D20PYY0325E
KN3931	EARTH METAL FITTING	VNF1084

2. SCHEMATIC DIAGRAM

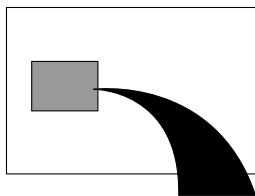
Note : When ordering service parts, be sure to refer to "EXPLODED VIEWS and PARTS LIST" or "PCB PARTS LIST"

2.1 MIC ASSY

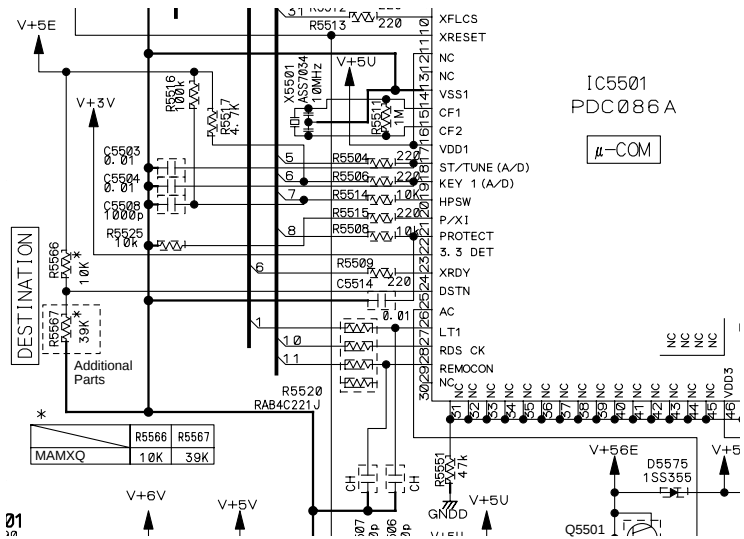


2.2 CONTROL (1/5) and CONTROL (4/5) ASSYS

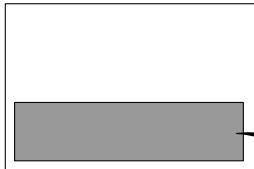
A



D 1/5F CONTROL ASSY
(AWU7934)

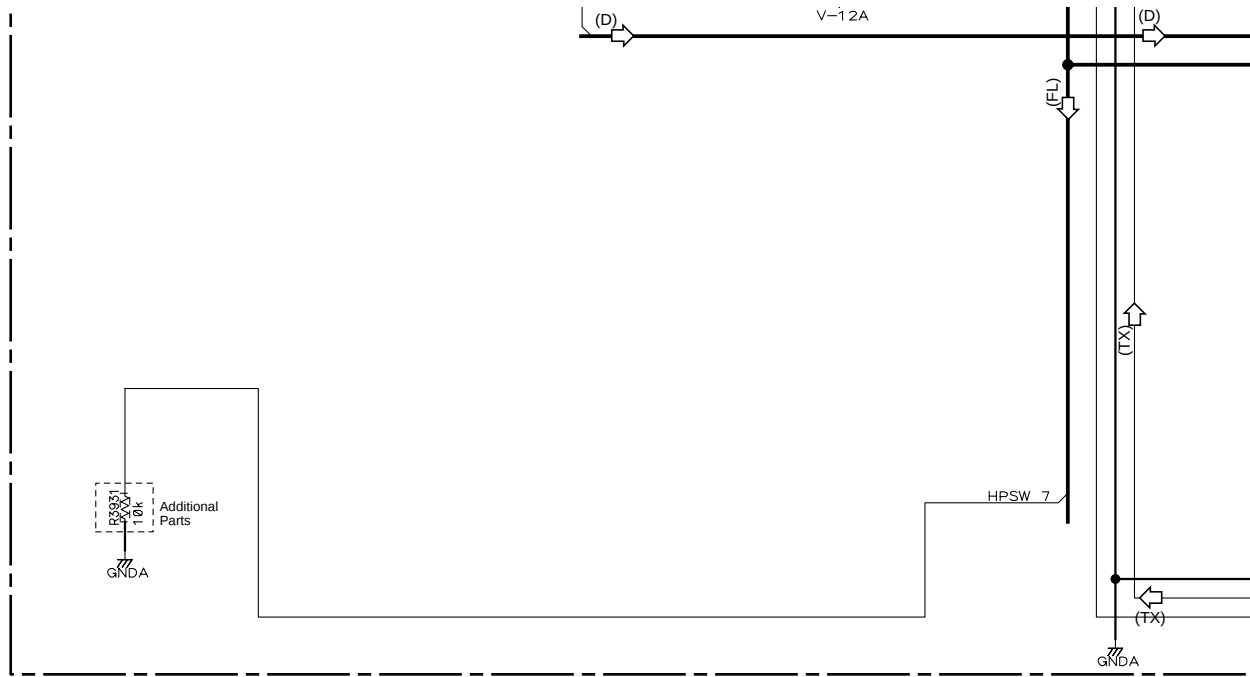


B

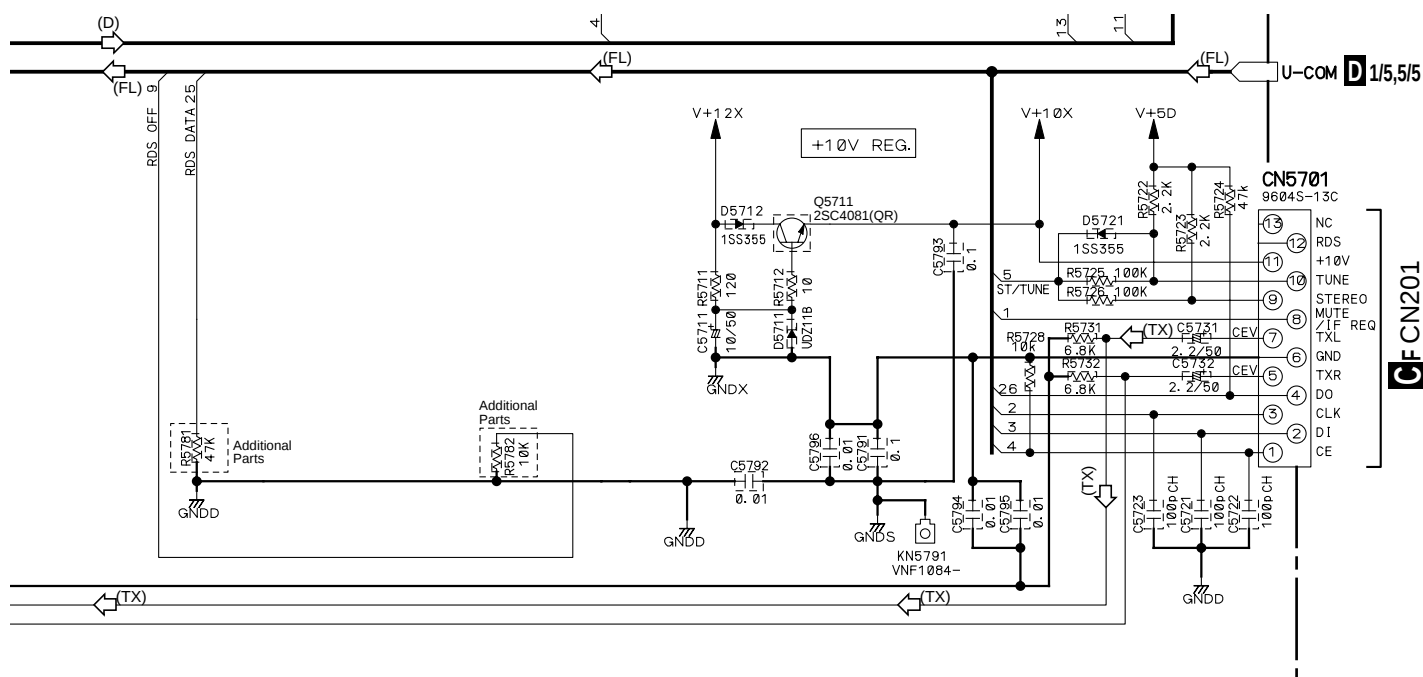


D 4/5F CONTROL ASSY
(AWU7934)

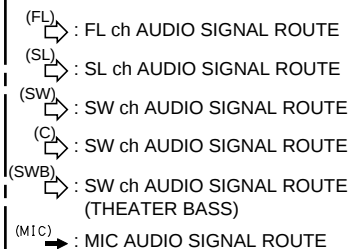
C



D



L F J3931



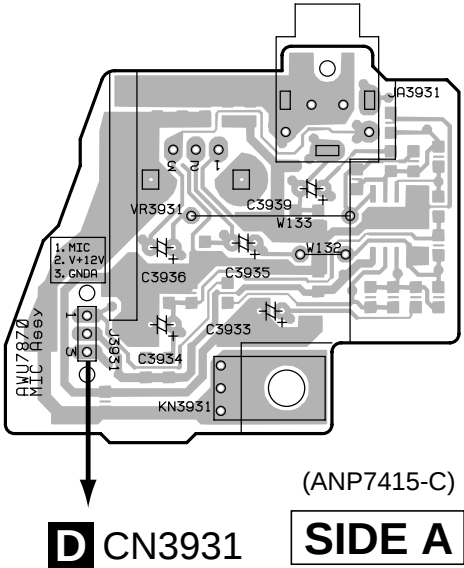
ALL RESISTORS ARE IN Ω

: The power supply is shown with the marked box.

3. PCB CONNECTION DIAGRAM

3.1 MIC ASSY

LF MIC ASSY



LF MIC ASSY

