

Service Manual

Pioneer



ORDER NO.
RRV2201

MINIDISC RECORDER MJ-L77

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

Type	Model	Power Requirement	Remarks
	MJ-L77		
MYXK	○	AC220-230V	
NVXK	○	AC230V	

- These products are component of systems. This product does not operate normally by itself.

Please connect it to the STEREO CD RECEIVER XC-L77 and the DISPLAY UNIT DU-L77, an accessory of the XC-L77, for adjustment and operation inspection.

Component	Model			Service manual	Remarks
STEREO CD RECEIVER	XC-L77			RRV2187	
SPEAKER SYSTEM	S-L9-LRW	—	—	RRV2176	
	—	S-L9-A-LRW	—	RRV2176	
	—	—	S-L8-LRW	RRV2178	
STEREO CASSETTE DECK	CT-L77			RRV2199	
MINIDISC RECORDER	MJ-L77			RRV2201	This manual.

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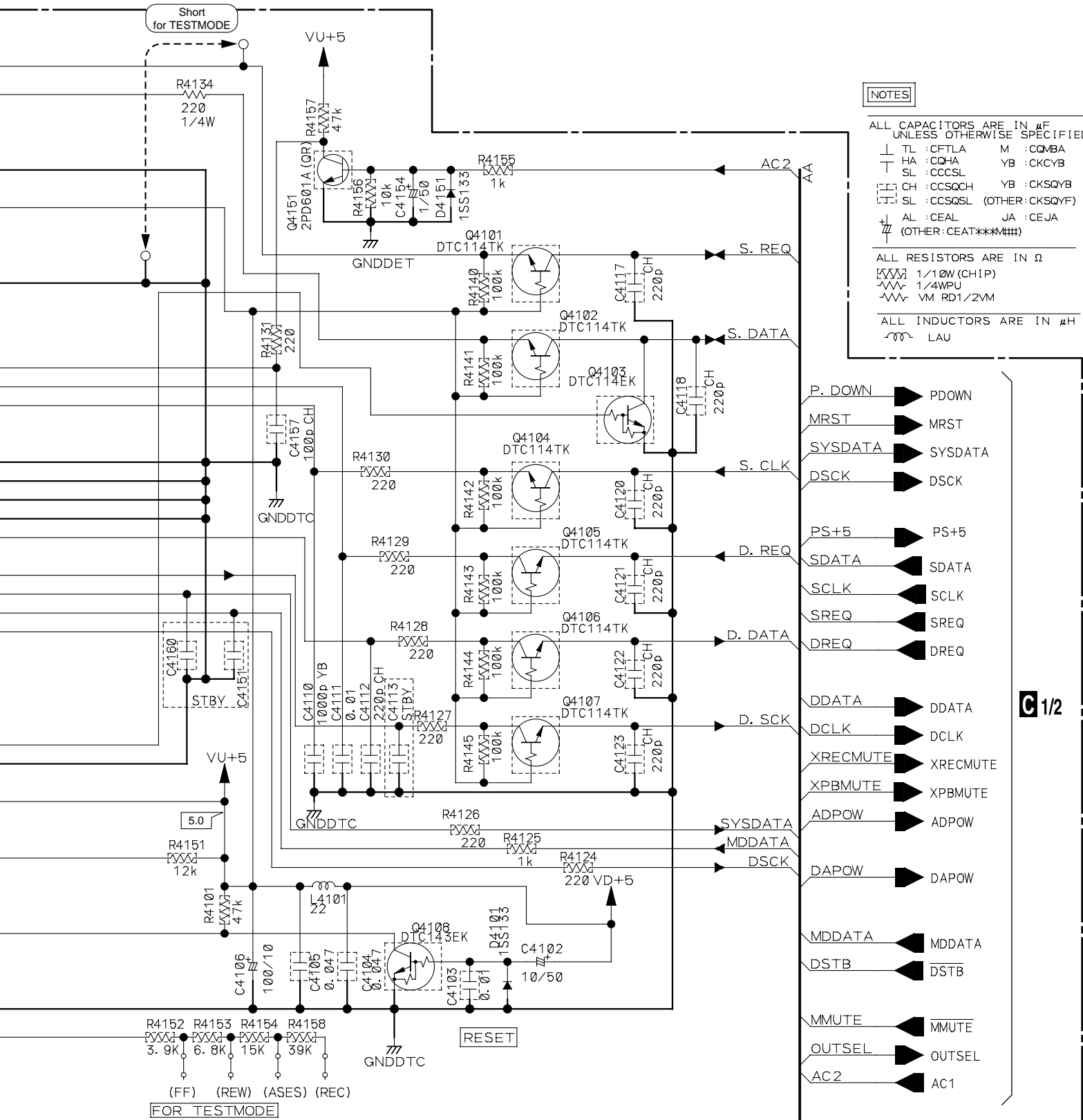
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NOTES

ALL CAPACITORS ARE IN μ F UNLESS OTHERWISE SPECIFIED

TL	: CFTLA	M	: CQ MBA
HA	: CQ HA	YB	: CKCYB
SL	: CCSL	YB	: CKSQYB
CH	: CCSQCH	(OTHER)	: CKSQYF
SL	: CCSQSL	JA	: CEJA
AL	: CEAL	(OTHER)	: CEAT***M###

ALL RESISTORS ARE IN Ω

\square	: 1/10W (CHIP)
\square	: 1/4WPU
\square	: VM RD1/2VM

ALL INDUCTORS ARE IN μ H

\square LAU

C/2

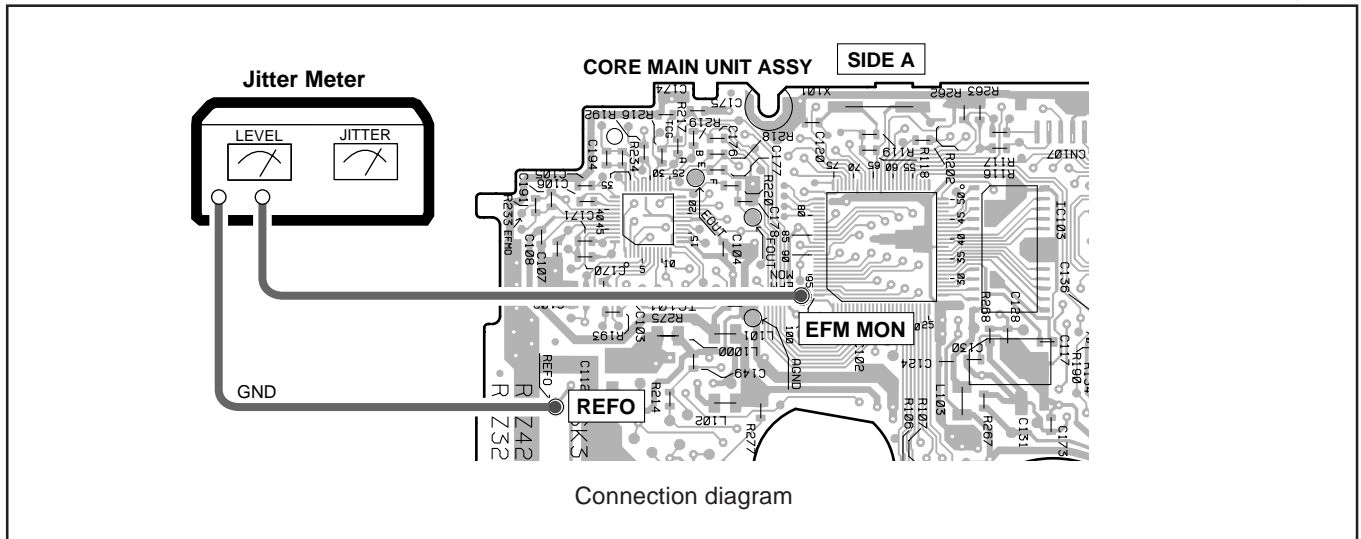
Mark	No.	Description	Part No.
E		TRANS. UNIT ASSY	
		SEMICONDUCTORS	
	D4001		1SS133
		COILS AND FILTERS	
	⚠	L4001 FILTER	VTL-262
		SWITCHES AND RELAYS	
	⚠	RY4001	ASR7013
		CAPACITORS	
	⚠	C4001, C4002 (0.01μF/AC250V) C4011, C4012 C4047, C4048	ACG7010 CKSQYF103Z50 CQMBA473J50
		OTHERS	
	⚠	CN4001 5P CABLE HOLDER J4001 AC INLET H4001, H4002 JUMPER WIRE H4002 HOLDER	51048-0500 AKP7005 D20PYY0515E AKR7001

F		KEYR UNIT ASSY	
		SWITCHES AND RELAYS	
	S4901		ASG7013
		CAPACITORS	
	C4901		CKSQYB102K50
		RESISTORS	
	R4907 Other Resistors		RD1/4PU391J RS1/10S□□□J
		OTHERS	
	CN4901	4P CABLE HOLDER 6P JUMPER CONNECTOR	51048-0400 52151-0610

G		KEYL UNIT ASSY	
		SEMICONDUCTORS	
	D4903		SLR-343MC(NPQ)
		SWITCHES AND RELAYS	
	S4902		ASG7013
		OTHERS	
	J4903	4P CABLE HOLDER JUMPER WIRE	51048-0400 D20PYY0425E

Mark	No.	Description	Part No.
H		BLUE IND. UNIT ASSY	
		SEMICONDUCTORS	
	D4901 D4902		EB3804X(BCDE) UDZS8.2B
		OTHERS	
	J4902	JUMPER WIRE	D20PYY0210E

⑦ Jitter/C1 Error Check at the time of Playback

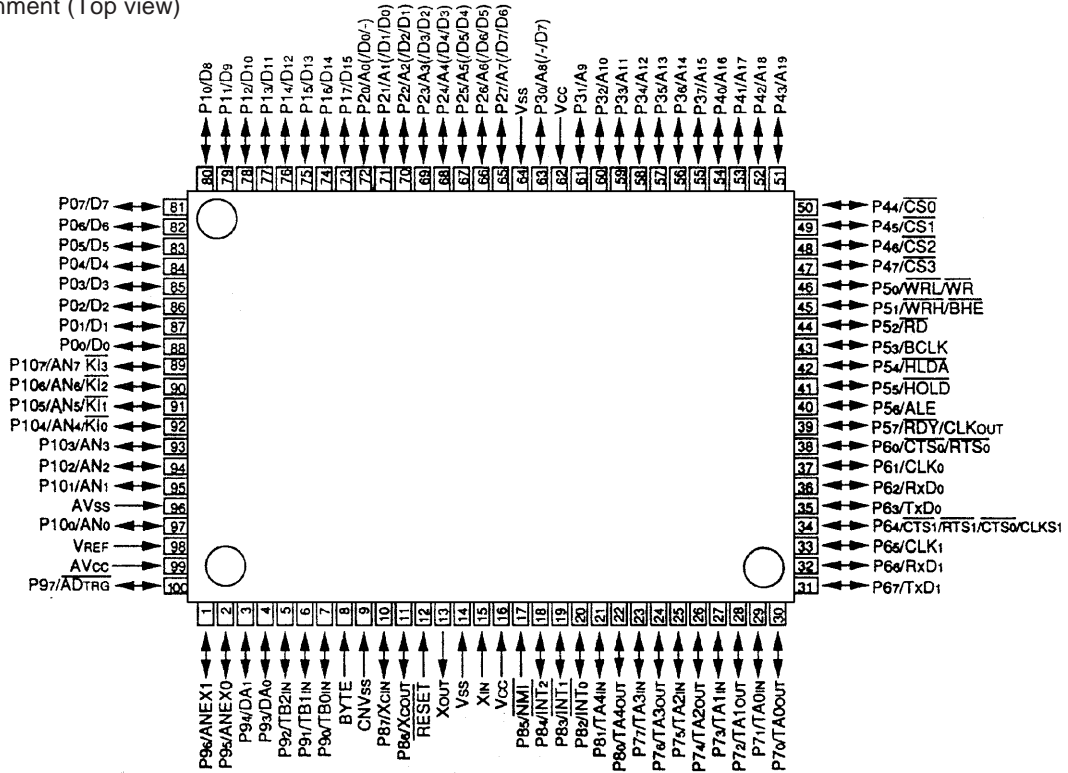


⑧ Jitter/C1 Error Check at the time of Recording/Playback

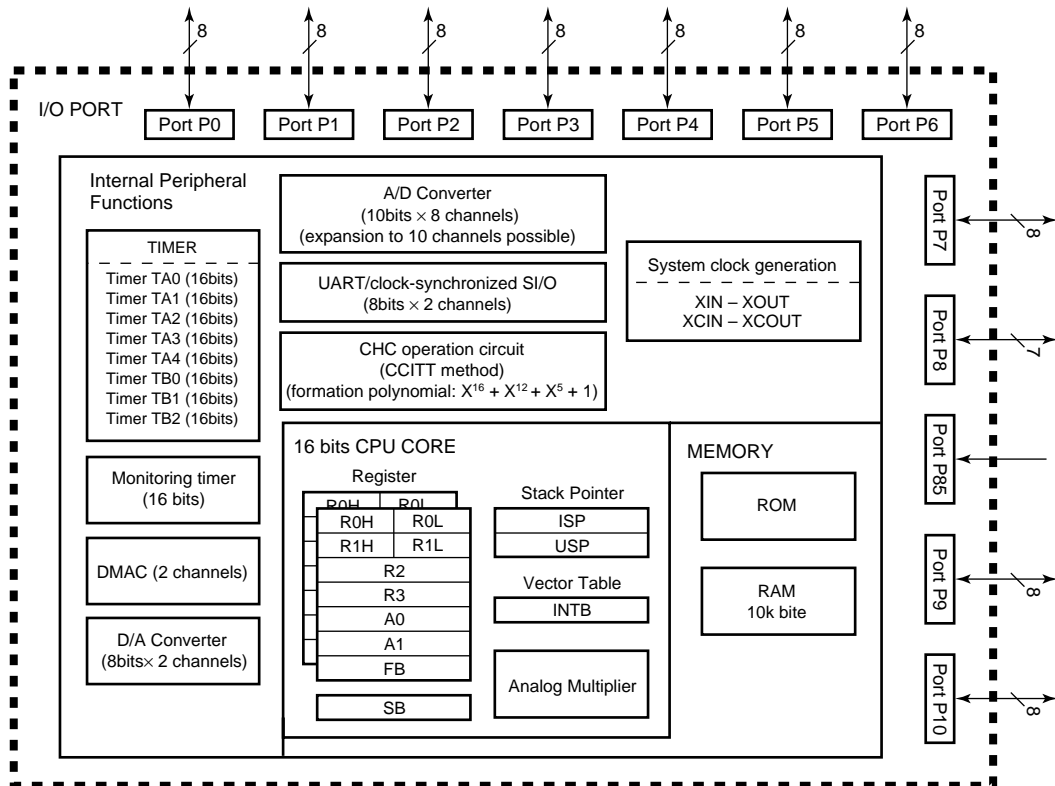
Step No.	Operation Keys and Operation Method	FL Display	Status	Remarks
1	Turn on the power. Then, short the MECHA TEST jumpers (W4076 and W4098).	EJECT	Test mode	
2	Insert the test disc (GGF1277).	LOADING GRT AJST		
3	Perform "⑤ Normal Adjustment" (step 3, step 4).	AUTO AJST		
4	Press the MD REC key twice.	TEST REC	TEST REC mode	
5	Press the SET key and display the inner circumference address.	a0050 pw0D	Note: When the initial address (0050) part of the inner circumference (or intermediate/outer circumference) has been used 1000 times or more, press the +▶▶ key and shift the address by 10hex. (The address is shifted (up to 10 times) according to the use frequency of the disc.)	Intermediate and outer circumference may be omitted.
6	When the MD PLAY key is pressed, TEST REC starts, and when 25 addresses or more have been sent, stop by pressing the ■ key.	a0069 pw0D TEST REC		
7	Press the SET key and display the inner circumference address.	a0050 pw0D		
8	Press the MD REC key and display the intermediate circumference.	a03C0 pw0D		
9	Perform step 6.	a03D9 pw0D TEST REC		
10	Press the SET key and display the inner circumference address.	a0050 pw0D		
11	Press the MD REC key twice and display the outer circumference address.	a0700 pw0D		
12	Perform step 6.	a0719 pw0D TEST REC		
13	Press the MD REC key.	TEST PLAY	TEST PLAY mode	

■ PD5523A (IC104: CORE MAIN UNIT ASSY)

- Mechanism Control m-com.
- Pin Assignment (Top view)



● Block Diagram



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