COMPACT DISC PLAYER CDX-397NK2 SERVICE MANUAL

This service manual describes only the items that differ from CDX-397's. For the items not described in this service manual, please refer to the following service manual: CDX-497/CDX-397: 101016

DX-497/CDX-397. 101018

IMPORTANT NOTICE

This manual has been provided for the use of authorized YAMAHA Retailers and their service personnel. It has been assumed that basic service procedures inherent to the industry, and more specifically YAMAHA Products, are already known and understood by the users, and have therefore not been restated.

WARNING: Failure to follow appropriate service and safety procedures when servicing this product may result in personal injury, destruction of expensive components, and failure of the product to perform as specified. For these reasons, we advise all YAMAHA product owners that any service required should be performed by an authorized YAMAHA Retailer or the appointed service representative.

IMPORTANT: The presentation or sale of this manual to any individual or firm does not constitute authorization, certification or recognition of any applicable technical capabilities, or establish a principle-agent relationship of any form.

The data provided is believed to be accurate and applicable to the unit(s) indicated on the cover. The research, engineering, and service departments of YAMAHA are continually striving to improve YAMAHA products. Modifications are, therefore, inevitable and specifications are subject to change without notice or obligation to retrofit. Should any discrepancy appear to exist, please contact the distributor's Service Division.

WARNING: Static discharges can destroy expensive components. Discharge any static electricity your body may have accumulated by grounding yourself to the ground buss in the unit (heavy gauge black wires connect to this buss).IMPORTANT: Turn the unit OFF during disassembly and part replacement. Recheck all work before you apply power to the unit.

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■ REPLACEMENT PARTS

Refer to page 29 of the CDX-497/CDX-397 service manual.

Mechanical Parts

			CD	X-397MK2	CDX-397		
*	Front panels	Black color	AAX82480	(CKM1A176YC59)	AAX78450	(CKM1A176ZC59)	
*		Titanium color	AAX82490	(CKM1A176YC60)	AAX78460	(CKM1A176ZC60)	
*	Rear panel	G model	AAX82500	(CKF1A312O)	AAX78550	(CKF1A312Z)	
*	P.C.B. ass'y	MAIN	AAX82460	(COP11855E)	AAX78220	(COP11855C)	
		FRONT	AAX78200 (COP11891E)				
[Accessory	Remote control	AAX78640	(CARTCDX497)	AAX78630	(CARTCDX397)	

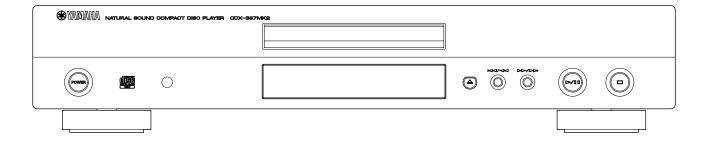
* New parts

Note: The replacement parts those are not listed above are the same ones of CDX-397.

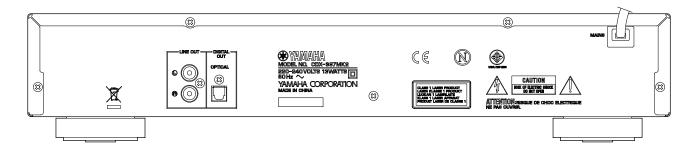
• Specifications

		CDX-397MK2	CDX-397		
Supported disc types	Music CD	Audio CD			
	MP3, WMA	O (Compatible)	X (Incompatible)		
Finish	Black color	G m	model		
	Titanium color	G model			

FRONT PANEL



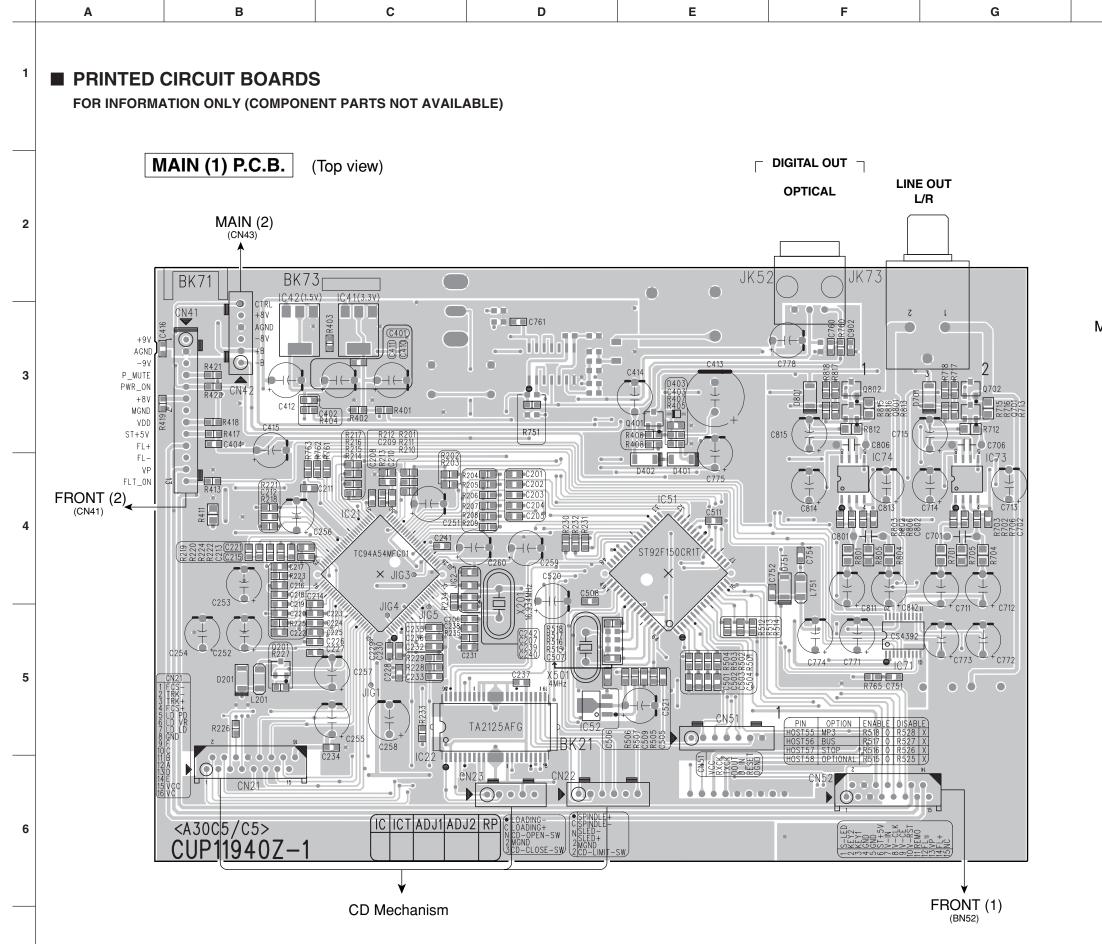
REAR PANEL



■ REMOTE CONTROL PANEL

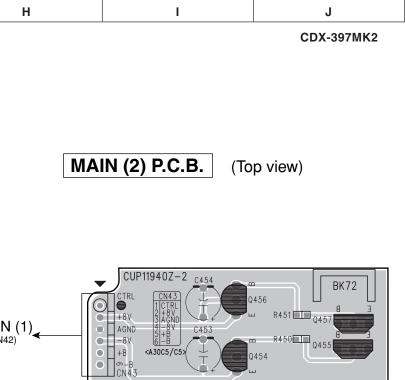


MEMO



MAIN (1)

7



C453

<A30C5/C5×

R450 Q455

2454

Α	В	С	D	E	F	G	н
CDX-397MK2							
	MAIN (1) P.C.B.	(Bottom view)					
			1 GND 3	Q			
-	L ch R ch			SYSTEM	CTRI +8V		
					• AGN • P_MUTE -8V		
		_FIBER()	*	C510	-B	AGND	
	, ° <u>° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °</u>						
	R714	R814		BUS-IN Q501 R508	+P1.5V = +1.5V		
-				-STBY OCCU	の Date の Date の Date	VDD ST+5V FL+	
					MP3-REQ ©D.56 CD.55 CD.55 D.54	VP ELT_ON □ □ □	
		CD-RST	₩P3-STBY WP3-REQ @PWR_ON S	5 ≦			
				CD-BUSI → S ODGND	D.46		
				$ \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ +3.3 V \\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} $	+1.5V D.73 D.71 D.70		
	AOUTB+ AOUTB- AOUTB- AOUTA+ AOUTA		ST+5V		D.74	×.	
	ACND	D-RSTO	MCLK R527	Harmonic			
				- KEY2 D 10 00 (D 1200		12 ITRK – 1	
				IC22.31()		4 FCS+ 5 LD PD 6 LD YR	
		+3.3V CC BXCK NDOK SD_N	SI +5V				
	(N52)	1 RESET					
-	IS-LED 2 KEY2 3 KEY1	STBY-LED CN71 MUTE_R MUTE_L	C ŠPINDLE- N SLED- 2 MGND 2 CD-LIMIT-SW				
	4 GND H 5 GND 6 ST +5 V				+VREFO DO A 15		
	CN52 1 S-LED 2 KE Y1 4 GND 5 GND 6 ST + 5V 7 V - N 9 V - CE 11 REMO 12 FL- 12 FL- 13 VP				FC+	5/05>	
	11 REMO 12 FL- 13 VP			CLOADING- CLOADING+ NCD-OPEN-SW		C5/C5>	

DADING+ D-OPEN-SW , CLOSE-SW <a30c5/c5> CUP11940-1

6

1

2

3

4

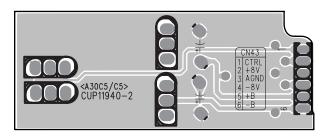
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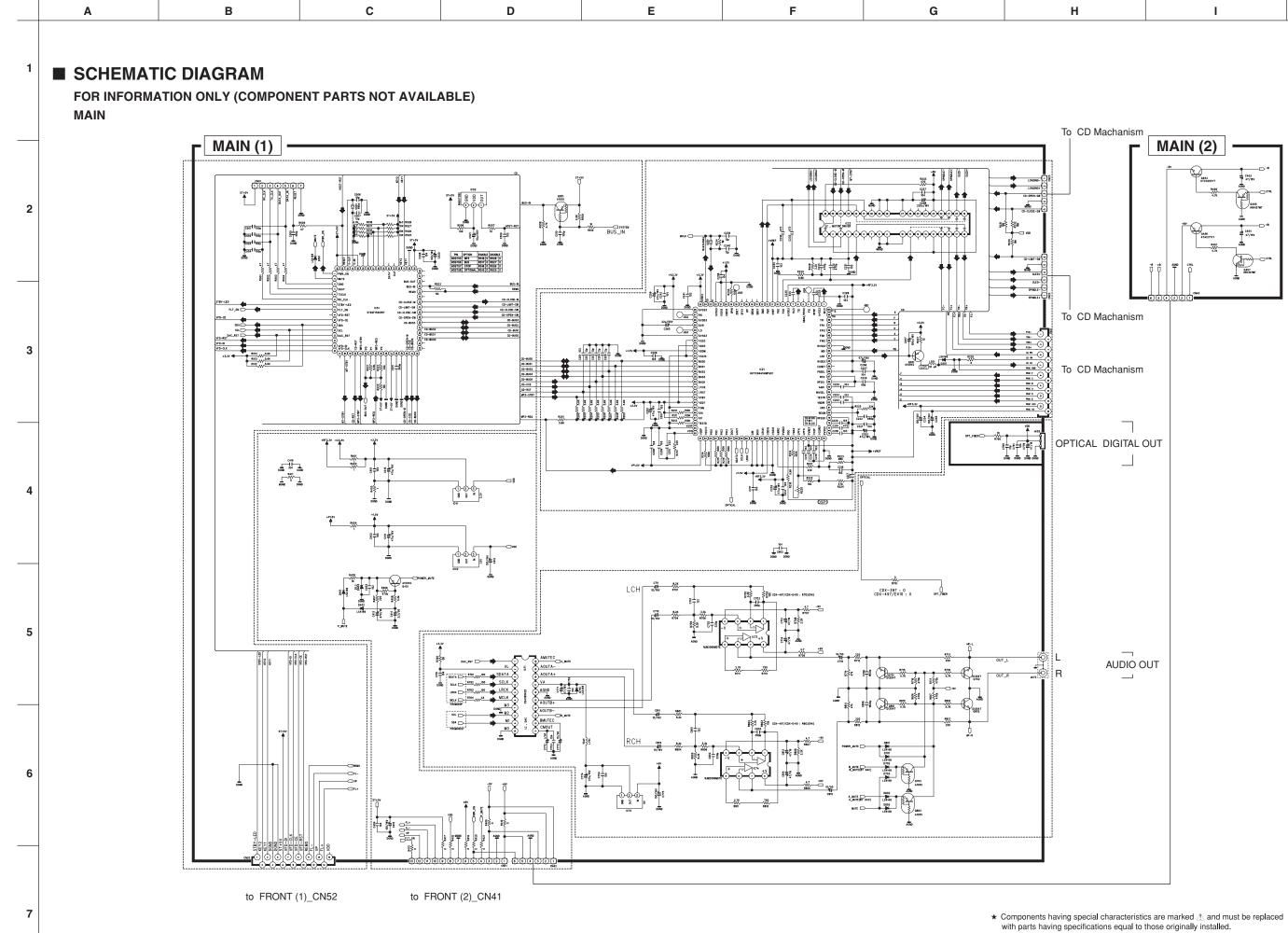
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7

MAIN (2) P.C.B.

(Bottom view)







CDX-397MK2

^{*} Schematic diagram is subject to change without notice.

