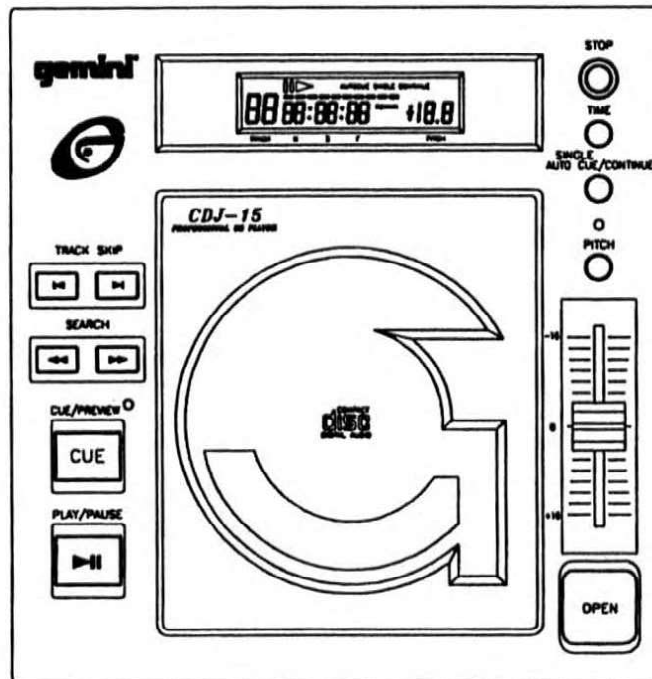


# SERVICE MANUAL

MODEL:CDJ-15



## SPECIFICATION

### AUDIO CHARACTERISTIC

FREQUENCY RESPONSE .....	20Hz~20KHz±2dB
HARMONIC DISTORTION .....	LESS THAN 0.03%
S/N RATIO .....	MORE THAN 70 dB
CHANNEL SEPARATION .....	MORE THAN 70 dB
OUTPUT LEVEL .....	2.0V +/-0.2V

### FUNCTION

TRACK SKIP SELECTOR .....	SKIP FORWARD OR BACK WARD 1 TRACK
SEARCH SELECTOR .....	SEARCH FRAME BY FRAME TO THE EXACT POINT YOU WANT/QUICK SEARCH IN TWO SECTION
OPEN .....	TOP COVER OPEN
CUE/PREVIEW .....	PLAY-BACK MEMORY
STOP .....	STOP PLAYING EACH
TIME .....	EACH ELAPSED TIME, EACH REMAIN TIME, TOTAL REMAIN TIME
MUSIC BAR .....	ANALOGICALLY DISPLAY THE REMAINING TIME OF THE PLAYING TRACK
PITCH SECTION .....	PITCH CONTROL ON/OFF
PITCH CONTROL .....	SIDE VR WILL BE CONTROL THE PITCH +/-16%
PLAY/PAUSE .....	PLAY/PAUSE THE DISC
CONTINUOUS .....	CONTINUALLY PLAY THE DISC TO THE END OF THE DISC/PLAY ONE TRACK ONLY & AUTO CUE

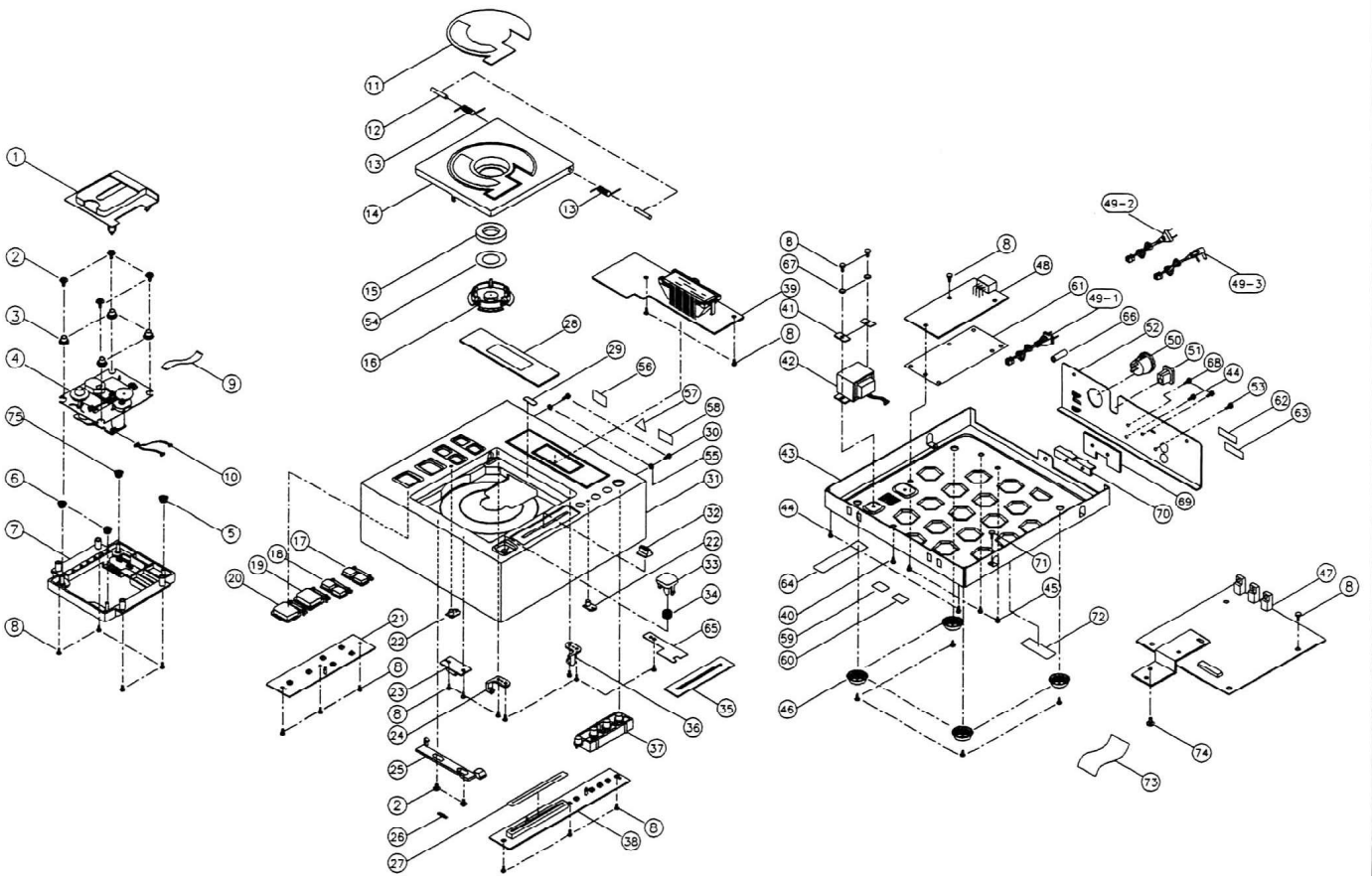
### DIGITAL SIGNAL PROCESSING

OPTICAL PICK UP .....	3-BEAM LASER
SAMPLING FREQUENCY .....	44.1KHz
D/A CONVERSION .....	16 BITS LINEAR
OVERSAMPLING RATE .....	1BIT 8 TIMES
ERROR CORRECTION .....	CIRC
TRACK SELECTION .....	1 TO 99 TRACK

### GENERAL

POWER REQUIREMENTS .....	AC115/230-240V 60/50Hz
CONSUMPTION .....	12W
DIMENSIONS(W*H*D) .....	217*82*226(mm)
WEIGHT (APPROX) .....	2.0KGS

CDJ-15 EXPLODE DRAWING



# PARTS LIST

CDJ15GMN01/02/03

NO.	PARTS NAME	PART NO.
1	COVER	PT0710102
2	SCREW	SC2608W10BZI
3	CUSHION RUBBER BLUE	RU0930701
4	SONY MECHANISM	CMKSM213CCM
5	CUSHION SPRING	SP0130910
6	CUSHION SPRING	SP0130909
7	CUSHION CHASSIS	PT0730801
8	SCREW	SC0308RBZI
9	FLAT WIRE	FFC1610002001
10	11P CONNECTOR WIRE	CN0620003001
11	NAME PLATE	NP107GMN04
12	TOP COVER SHAFT	MT0103005
13	TOP COVER SPRING	SP0110904
14	TOP COVER	PT0730102581
15	MAGNET	MAG0104301
16	DISC HOLDER	PT0304302
17	PRINTING KNOB	PT01107242
18	PRINTING KNOB	PT01107243
19	PRINTING KNOB	PT07106211
20	PRINTING KNOB	PT07106212
21	P.C. BOARD ASS'Y	TWPC99C043C01
22	LAMP COVER	PT0710616
23	DOOR SWITCH PCB ASS'Y	TWPC99C043D01
24	SHAFT HOLDER	PT0703201
25	HOOK	PT0702402
26	SPRING	SP0104302
27	VELVET CARPET	NM1110601
28	NAME PLATE	NP107GMN05
29	VELVET CARPET	NM0130103
30	SCREW	SC0306WBBI
31	CABINET	PT0730205582
32	VR SKATING KNOB	PT0110631K2
33	OPEN KNOB	PT0710615261
34	KNOB SPRING	SP3510603
35	NAME PLATE	NP107GMN06
36	SHAFT HOLDER	PT0703203
37	KNOB	PT0710620
38	PC BOARD ASS'Y	TWPC00C043B01
39	PC BOARD ASS'Y	TWPC00C043A01
40	PC BOARD HOLDER	PT0703202
41	HOLDER PLATE	MT0604421
42	TRANSFORMER	TF48982601YH
43	CHASSIS	MT0730302
44	SCREW	SC0306PBBI
45	PC BOARD HOLDER	PT0603201
46	STAND	PT0730601

# **PARTS LIST**

**CDJ15GMN01/02/03**

<b>NO.</b>	<b>PARTS NAME</b>	<b>PART NO.</b>
47	MAIN PC BOARD ASS'Y	TWPC00C02002
48	PC BOARD ASS'Y	TWPC99C02201
49~1	POWER CABLE (GMN01)	PW12200UC05
49~2	POWER CABLE (GMN02)	PW32200EU04
49~3	POWER CABLE (GMN03)	PW52210UK02
50	POWER SWITCH ASS'Y	TWSWR13-112A
51	POWER CABLE HOLDER	BAF2271
52	PRINTING REAR COVER	MT07204101
53	SCREW	SC0310RBBI
54	VELVET CARPET	NM0731104
55	CUSHION RUBBER	RU0130712
56	SAFETY LABEL	LAC43GMN65
57	WARNING LABEL	LA67YH47
58	INSTRUCTION LABEL	LAC47GMN64
59		
60	SAFETY LABEL	LAC43GMN99
61	PROTECTOR	PT0704701
62	SERIAL NO. LABEL	LAC22GMN61
63	DATE CODE LABEL	LA62GMN37
64	SAFETY LABEL	LAC43GMN64
65	EJECT HOOK	MT0704404
66	EMI CORD	UHRH142X285X82
67	WASHER	WS663309IC
68	SCREW	SC0308RIZI
69	HEAT SINK PLATE	MT0703204
70	HEAT SINK PLATE	MT0703205
71	SCREW	SC0306RBZI
72	WARNING LABEL	LAC54GMN95
73	FFC	FFC2212501601
74	PLASTIC RIVET	PT0703205
75	CUSHION SPRING	SP0130911

## CDJ15

### LCD DISPLAY PCB ASS'Y (TWPC00C043A01)

PART NO	SYMBOL NO	DESCRIPTION
ICBU9278AKV	IC401	IC BU9278AKV
LCD-SH244ENV	LCD401	LCD
LM201500701	LAMP1, 2	LAMP 7V/42mA
TE612000801	TE401	8P CONNECTOR

### FUNCTIONING PCB ASS'Y I (TWPC00C043B01)

PART NO	SYMBOL NO	DESCRIPTION
CN0720002101	CN102	7P CONNECTOR
CN0820001101	CN101	8P CONNECTOR
FCN1S1252201	TE102	22P CONNECTOR
LDIFR324HD	LED103	RED LED
TE812000211	CN103	2P CONNECTOR
TE812000711	CN102	7P CONNECTOR
TE812000811	CN101	8P CONNECTOR
VRS10306505	VR401	VR 10KB
WR062600910Z2	CN103	2P CONNECTOR
SWSKQNAB	S1, 2, 3, 4	TACK SWITCH

### FUNCTIONING PCB ASS'Y II (TWPC00C043C01)

PART NO	SYMBOL NO	DESCRIPTION
LD1030	LED101	YELLOW LED
TE812000711	CN104	7P CONNECTOR
SWSKQNAB	S5, 6, 7, 8, 9, 10	TACK SWITCH

### SWITCH PCB ASS'Y (TWPC00C043D01)

PART NO	SYMBOL NO	DESCRIPTION
SWDM03L-2F	SW401	SWITCH
TE812000211	CN105	2P CONNECTOR

### POWER PCB ASS'Y (TWPC99C02201)

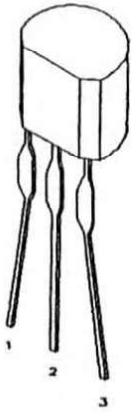
PART NO	SYMBOL NO	DESCRIPTION
SW3331	SW701	SWITCH
TE617920301	TE703	2P CONNECTOR
UHRA0415T-15UH	UH701, 702	INDUCTOR

### MAIN PCB ASS'Y (TWPC00C02002)

PART NO	SYMBOL NO	DESCRIPTION
CN0100000501	CNB	1P EARTH WIRE
FCN1S1001602	TE1	16P CONNECTOR
FCN1S1252201	TE4	22P CONNECTOR
ICBA4558F	IC301	IC BA4558F
ICBA5979S	IC3	IC BA5979S
ICCXA2568M	IC1	IC CXA2568M
ICCXD2585Q	IC4	IC CXD2585Q
ICDA1191	IC201	IC DA1191
ICYH2K004	IC401	IC YH2K004
IC7805	IC901	IC 7805
MT0101802	RCA301	SIGNAL PLATE
RJ102A-09	RCA301	RCA JACK
TE10200601	TE2	6P CONNECTOR
TE103003	TE3	3P CONNECTOR
XTM08000X2	XTM401	CRYSTAL 8MHz
XTM16934	XTM1	CRYSTAL 16.934MHz
TRB1185	Q901, 904	TRANSISTOR B1185
DI1N4002T5	D901, 902, 903, 904	DIODE
DIZDMTZJ91BT	ZD901	ZENER DIODE
ZD7505T	ZD902	ZENER DIODE 7.5V
TRA608T	Q803	TRANSISTOR 2SA608
TR2SC2878BT	Q301, 302	TRANSISTOR 2SC2878
TRC536T	Q902	TRANSISTOR 2SC536
TRDTC124EST	Q401	TRANSISTOR DTC124EST
TR2SA950YT	Q1	TRANSISTOR 2SA950
IC7905L	IC902	IC 79L05



TRC2878



- 1. EMITTER
- 2. COLLECTOR
- 3. BASE

IC7905L



- 1. COMMO
- 2. INPUT
- 3. OUTPUT

TRDTA124EST



- 1. GND
- 2. OUT
- 3. IN

TRA608(T)



- 1. BASE
- 2. COLLECTOR
- 3. EMITTER

TRC536(T)



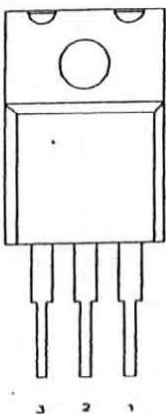
- 1. GND
- 2. OUTPUT
- 3. INPUT

TR2SA950YT(TRA950)



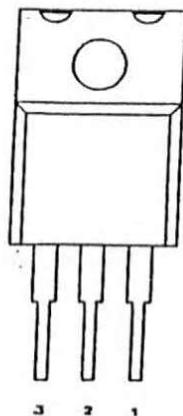
- 1. EMITTER
- 2. COLLECTOR
- 3. BASE

IC7805



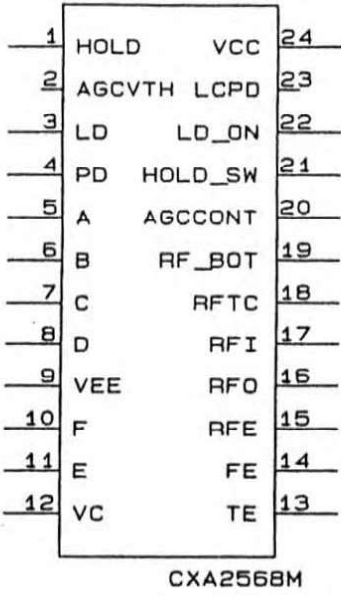
- 1. OUTPUT
- 2. COMMON
- 3. INPUT

TRB1185

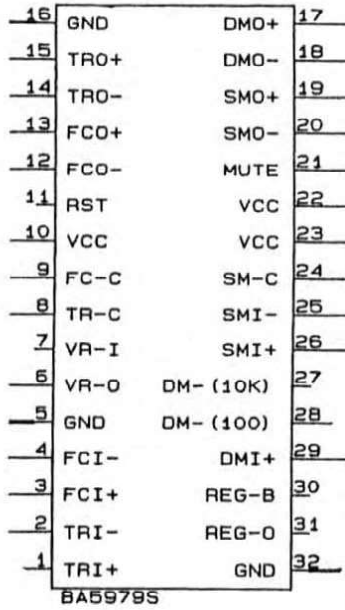


- 1. OUTPUT
- 2. INPUT
- 3. COMMON

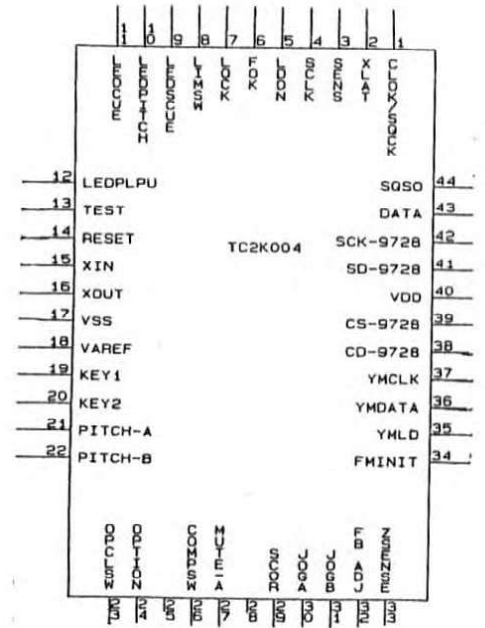
# ICCXA2568M



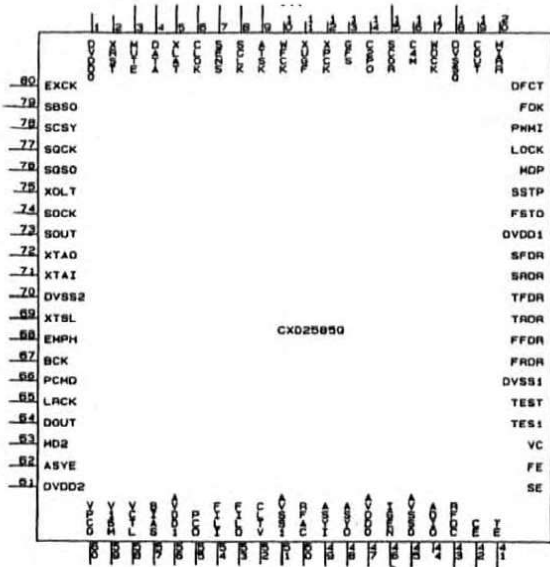
# ICBA5979S



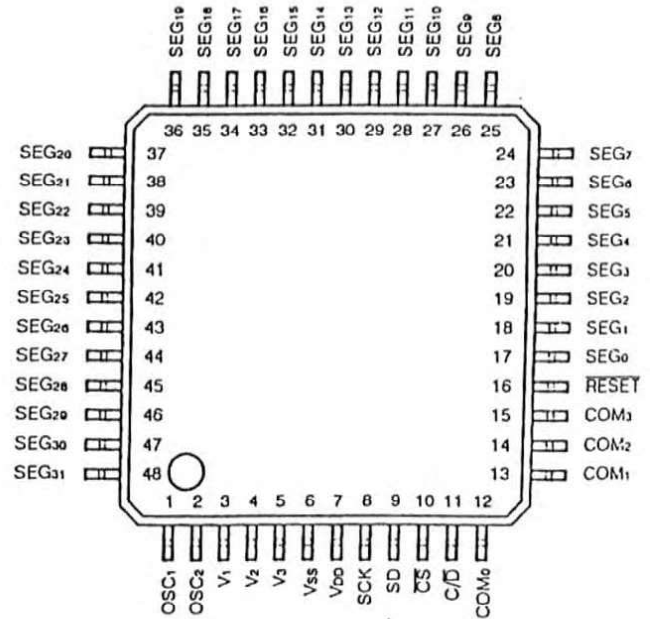
# ICYH2K004



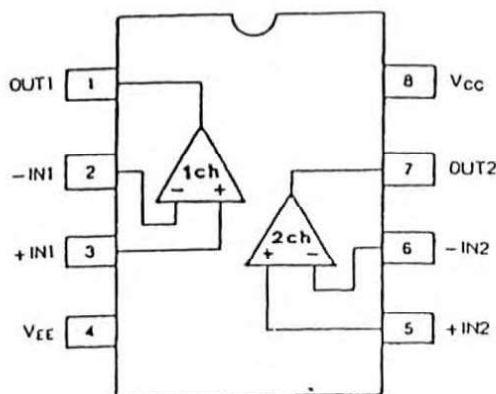
# ICCXD2585Q



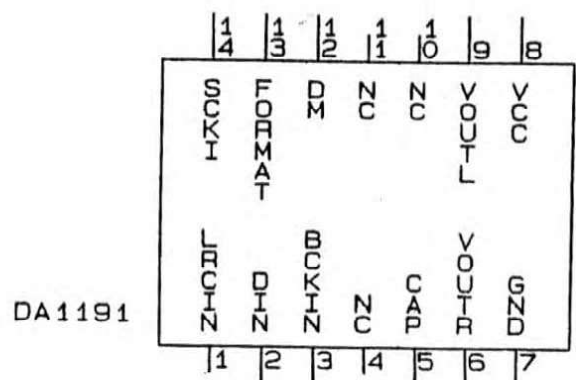
# ICBU9728AKV



# ICBA4558F

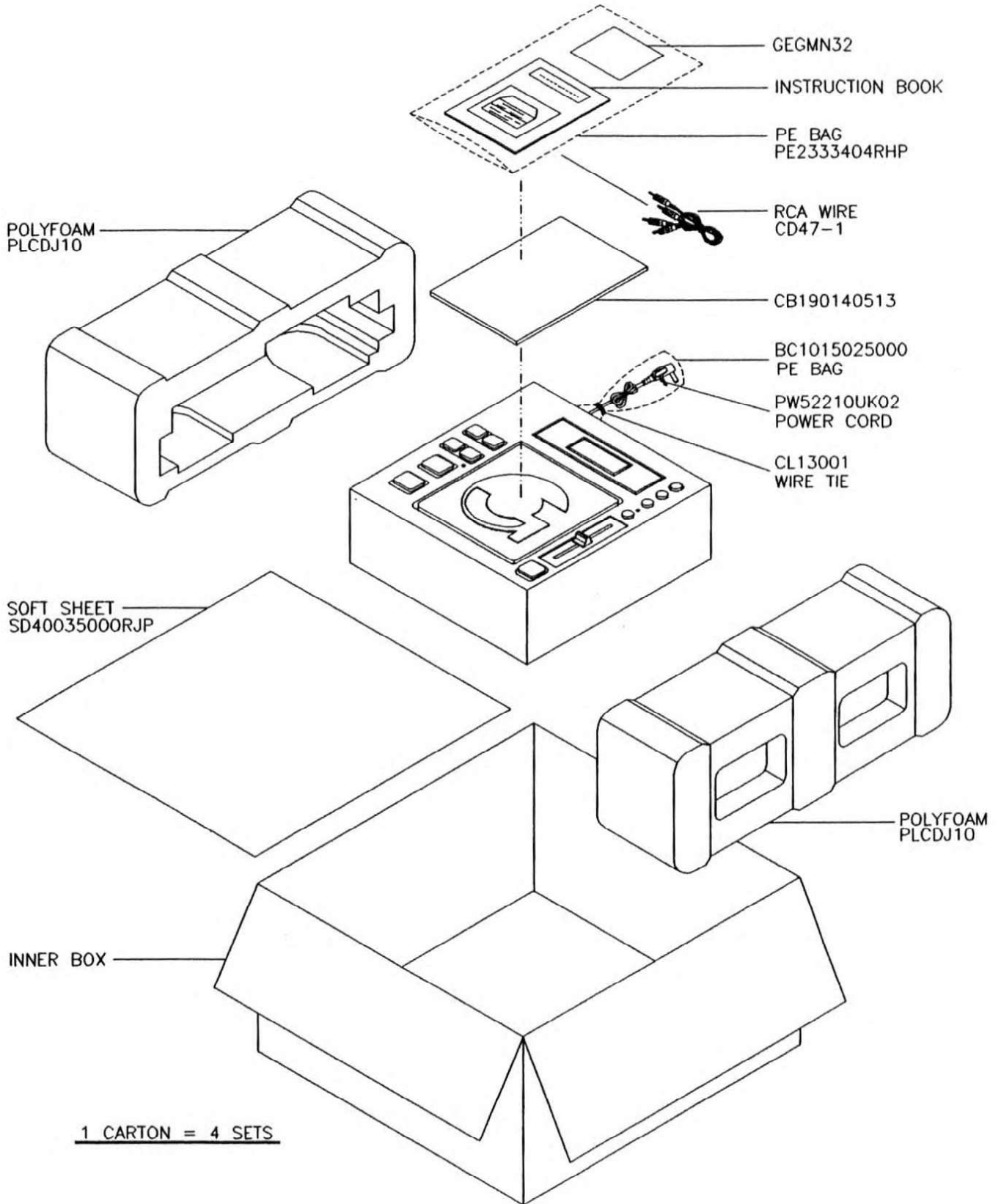


# ICDA1191





# CDJ-15 PACKING DRAWING



1 CARTON = 4 SETS

LCD401  
244LCD

