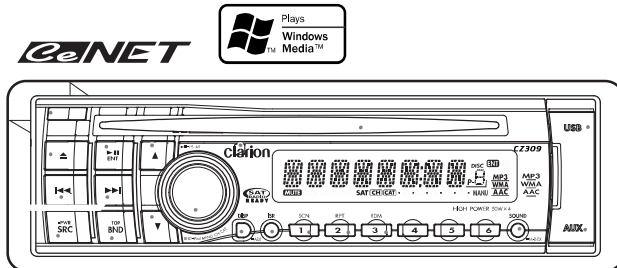


Service Manual



(CZ309)

CD/USB/MP3/WMA/AAC Receiver with CeNET Control

Model **CZ309**
 (PE-3045B-B for U.S.A)

Model **CZ309A**
 (PE-3045K-E/F for Other Countries)

LF

This product is a lead free model.

Lead free solder is used in PWB stamped LF mark.

Please keep the following conditions when you repair.

1. Use lead free solder.
 * Koki's lead free solder S3X-55M 0.6mm (CLARION Parts No.642-0231-01)
 * Koki's lead free solder S3X-55M 1.0mm (CLARION Parts No.642-0231-02)
2. Use a nitrogen solder system.
3. Do not use "General solder" and "Lead free solder" together.

REISSUE NOTIFICATION/ REPLACEMENT REQUEST ORIGINAL SERVICE MANUAL

This additional service manual is designed to be used together with Model DXZ385USB/DXZ386USB.

Original model	Manual No.
DXZ385USB/DXZ386USB (PE-3045B-A/K-A/B)	298-6519-00

*This manual has described only the difference point with the original service manual.

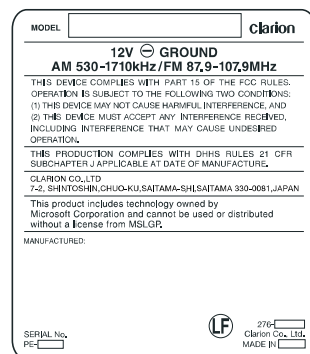
NOTE

- * We cannot supply PWB with component parts in principle. When a circuit on PWB has failure, please repair it by component parts base. Parts which are not mentioned in service manual are not supplied.
- * Specifications and design are subject to change without notice for further improvement.
- * Use only compact discs bearing the or mark. Some CDs recorded in CD-R/CD-RW mode may not be usable.
- * Windows Media™, and the Windows® logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.
- * WMA is the abbreviation of Windows Media Audio, an audio file format developed by Microsoft Corporation.
- * This product includes technology owned by Microsoft Corporation and cannot be used or distributed without a license from MSLGP.
- * This unit is compatible with USB 1.1/2.0 with maximum data transfer rates of 12 Mbps.
 USB memory devices that can be played by connecting to the unit's USB cable are limited to those recognized as "USB mass storage class devices"; operation is not guaranteed with all USB memory devices.
- * To prevent the accidental loss of data, always back up important data on your computer.
- * This unit does not support connections to a computer. In addition, connections made through a USB hub device are also not supported.
- * This unit supports USB Digital Media Streaming. USB Digital Media Streaming is a function used to play music files transmitted using Media Transfer Protocol (MTP). This function also supports the playback of WMDRM 10 files.
- * Insert and remove a USB memory/MTP device only when the device is not being accessed. Connecting or disconnecting the device at the following times may result in the loss of data:
 - If the USB memory/MTP device is removed or power is disconnected during writing to the device.
 - When the device is subjected to static electricity or electric noise.
- * iPod® is for legal or rightholder-authorized copying only. Don't steal music. iPod is a trademark of Apple Computer, Inc., registered in the U.S and other countries.

CAUTION

Use of controls, adjustment, or performance of procedures other than those specified herein, may result in hazardous radiation exposure.

The compact disc player should not be adjusted or repaired by anyone except properly qualified service personnel.



DIFFERENCE FROM ORIGINAL MODEL

1. EXPLODE VIEW / PARTS LIST
2. ELECTRICAL PARTS LIST
3. CIRCUIT DIAGRAM
4. PRINTED WIRING BOARD

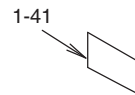
EXPLODED VIEW / PARTS LIST

DCP section

Refer to page 9 of the original manual. The following parts was changed.

NO.	PART NO.	DESCRIPTION	Q'TY
1	DCP-655-600	DCP ASSY(PE-3045B-B)	1
	DCP-657-800	DCP ASSY(PE-3045K-E/F)	1
1-4	380-5717-02	KNOB	1
1-27	379-1431-41	INDICATOR(LCD)	1
1-35	001-7114-91	DIODE	2
1-39	001-7097-91	DIODE(BLUE)	1

The following part was deleted.



NO.	PART NO.	DESCRIPTION	Q'TY
1-41	347-8431-00	FILM	1

Main section

Refer to page 10 of the original manual. The following parts was changed.

NO.	PART NO.	DESCRIPTION	Q'TY
4	941-0227-01	TUNER PACK	1
12	313-2039-01	HEAT SINK	1
27	370-6318-04	INNER ESCUTCHEON	1
33	276-0365-01	SETPLATE(PE-3045B-B)	1
	276-0570-00	SETPLATE(PE-3045K-E)	1
	276-0571-00	SETPLATE(PE-3045K-F)	1

ELECTRICAL PARTS LIST

MAIN section

Refer to page 12/13/14 of the original manual. The following parts were changed.

REF No.	PART No.	DESCRIPTION
BL201	941-0227-01	FAE391-AC1
R100	119-4721-15	1/4WS 4.7K ohm
R101	119-4721-15	1/4WS 4.7K ohm
PWB	039-3211-00	PWB(WITHOUT COMPONENT)

Switch PWB(B2) section

Refer to page 14 of the original manual.

The following parts were changed.

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
D711	001-7097-91	DIODE	LCD701	379-1431-41	INDICATOR(LCD)	R720	119-6811-15	1/10W 680 ohm
D712	001-7097-91	DIODE	R705	119-1021-15	1/10W 1k ohm	R724	119-1021-15	1/10W 1k ohm
D713	001-7097-91	DIODE	R706	119-1231-15	1/10W 12k ohm	R725	119-1231-15	1/10W 12k ohm
D714	001-7097-91	DIODE	R713	119-6811-15	1/10W 680 ohm	PWB	039-3208-02	PWB(WITHOUT COMPONENT
D715	001-7114-91	DIODE	R714	119-6811-15	1/10W 680 ohm			
D716	001-7114-91	DIODE	R719	119-6811-15	1/10W 680 ohm			

MECH PWB (B4) section

Refer to page 15 of the original manual.

The following parts were changed.

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
J101	074-1228-79	29P	C315	043-1735-90	100pF	R99	032-0163-96	1/4W 27ohm
J201	074-1138-65	15P	C316	043-1735-90	100pF	PWB	039-3214-01	PWB(WITHOUT COMPONENT
J301	074-1138-60	10P	R98	032-0163-96	1/4W 27ohm			

The following parts were added.

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
D2	001-2601-90	MA728	R25	119-4721-15	1/4WS 4.7k ohm
R5	033-1031-15	1/16W 10k ohm	R26	119-4721-15	1/4WS 4.7k ohm

CIRCUIT DIAGRAM 8/8

MECH PWB (B4) section

Refer to page 24 of the original manual.

The following parts were added or changed.

