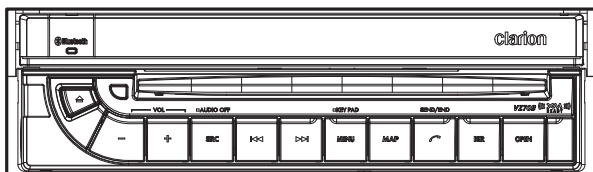


Service Manual



DVD Multimedia Station with CeNET & 7-inch Touch Panel Control

Model **VZ709**
 (QC-6832B-A)

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.

ORIGINAL SERVICE MANUAL

The base of this model is VRX785BT. This manual chiefly publishes the difference point with the base model. Please refer to the following service manual of the basic model.

Original model	Manual No.
VRX785BT(QC-6827B-A)	298-6559-00

NOTES

- * As for this model, the tuner of the DSP type is used. When you exchange it due to the tuner pack(BL1:880-2091F) trouble, it is necessary to adjust for S-meter etc. Special equipment is necessary for an accurate adjustment. The procedure document for the exclusive use equipment is appended to it.
- * This DSP IC SAF7730H of main PWB is exposed die soldering pad type.
 The middle of this IC package is soldered with the main PWB, and it cannot remove in an ordinary soldering iron. Please use special removal equipment at the time of IC exchange.

- * When you exchange the parts in DVD mechanism, it is necessary to do inspection and adjustment by special equipment.
 Do not exchange the parts in DVD mechanism if there is no special device.
 Please exchange it with mechanism assembly(929-2150-80).
- * This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights.
 Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision.
 Reverse engineering or disassembly is prohibited.
- * The DVD video system assigns a region number to DVD video players and DVD discs by sales area.
 The DVD video region number playable in this system is marked on the disc jacket.
- * This product includes technology owned by Microsoft Corporation and cannot be used or distributed without a license from MSLGP.
- * Windows Media™ and Windows® logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.
- * Manufactured under license from Dolby Laboratories. "Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.
- * "DivX®", "DivX Certified", and associated logos are trademarks of DivX, Inc., and are used under license.
- * 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.
- * 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.

EXPLODED VIEW/PARTS LIST

The following parts are difference parts.

Please refer to the original service manual from page 25 to page 27.

Main section : Difference parts

The other parts are the same as the original model.

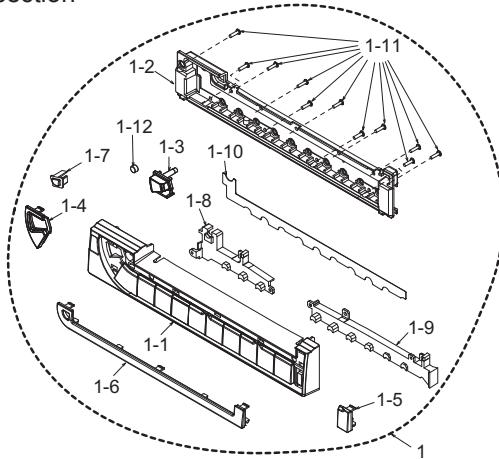
NO.	PART NO.	DESCRIPTION	Q'TY
1	DCP-651-600	DCP ASSY(Refer to DCP section)	1
38	947-0746-01	TOP-CVR-ASSY	1
38-1	335-8184-01	TOP-CVR	1
38-2	335-8185-01	TRIM-PLATE	1

NO.	PART NO.	DESCRIPTION	Q'TY
39	370-6310-01	PANEL-ES	1
75	276-0607-00	SETPLATE	1
77	331-4478-01	MECH-CVR	1

Inner Escutcheon section

All parts are the same as the original model.

DCP section



NO.	PART NO.	DESCRIPTION	Q'TY
1	DCP-651-600	DCP ASSY	1
1-1	940-8227-03	ESCUTCHEON-ASSY	1
1-2	335-8176-00	REAR-CVR	1
1-3	382-8489-01	BUTTON (EJECT)	1
1-4	335-8177-01	TRIM PLATE(L)	1
1-5	335-8178-01	TRIM PLATE(R)	1
1-6	335-8179-03	TRIM PLATE(M)	1
1-7	335-8332-00	IR PLATE	1
1-8	335-8181-00	ILLUMI PLATE(L)	1
1-9	335-8182-00	ILLUMI PLATE(R)	1
1-10	347-8458-00	REFLECTOR	1
1-11	716-0872-61	PAD SCREW (M1.7 x 6)	11
1-12	354-7593-01	MAGNET	1

ELECTRICAL PARTS LIST

The following parts are difference parts.

The other parts are the same as the original model.

Please refer to the original service manual from page 28 to page 36.

* mark : The original model also has changed as same parts.

Main PWB(B1) section : Difference parts

REF No.	PART No.	DESCRIPTION
IC402	052-7079-40	TC58FVM5B3ATG 65
IC408 *	051-5331-90	MM1228XFBE

REF No.	PART No.	DESCRIPTION
IC503	-----	uPD70F3348GJ-UEN-A (impossible to exchange) (032500-052)

REF No.	PART No.	DESCRIPTION
R443 *	119-1211-15	1/10W 120 ohm
PWB *	039-3254-01	PWB(WITHOUT COMPONENT)

Switch PWB(B2) section

All parts are the same as the original model.

Panel PWB(B3) section : Difference parts

REF No.	PART No.	DESCRIPTION
IC901 *	060-8086-91	UGZZ5-618B BLUETOOTH

REF No.	PART No.	DESCRIPTION
R876 *	119-5611-15	1/10W 560 ohm
R878 *	119-4731-15	1/10W 47k ohm

REF No.	PART No.	DESCRIPTION
R887 *	119-2231-15	1/10W 22k ohm

Panel Sub PWB(B4) section

All parts are the same as the original model.

USB PWB(B5) section : Difference part

REF No.	PART No.	DESCRIPTION
IC2	052-3409-20	TMP92CD28AFG-7D07

XM PWB(B6) section

All parts are the same as the original model.