

Service Manual



(Model DB335)



(Model DB235)

AM/FM Radio CD Player

Model **DB335**

(Model: PE-2562B-A For U.S.A.)

(Model: PE-2562C-A For other country)

Model **DB235**

(Model: PE-2565B-A For U.S.A.)

(Model: PE-2565C-A For other country)

SPECIFICATIONS

Radio section

Model **PE-2562B-A** (with remote control)

Model **PE-2562C-A** (without remote control)

Tuning system: P.M., synthesizer tuner

Receiving frequencies: FM 87.5MHz to 107.9MHz (8 MHz interval)
 AM 530 to 1700kHz (9 kHz interval)

Model **PE-2565B-A** (with remote control)

Model **PE-2565C-A** (without remote control)

Tuning system: P.M., synthesizer tuner

Receiving frequencies: FM 87.5MHz to 107.9MHz (8 MHz interval)
 AM 530 to 1700kHz (9 kHz interval)

CD player section

System: Compact disc audio system

Output (max): Compact disc

Frequency response: 20Hz to 20kHz (±1dB, 100%)

Signal to noise ratio: 100dB (1kHz, 100%)

Dynamic range: 100dB (1kHz)

Distortion: 0.01%

General

Max. Power Output: 50W x 4

Line Output: 4.2V (peak) CD, FM, AM, and

Base Control Action: 100W x 4 (100W)

Power Control Action: 100W x 4 (100W)

Power supply voltage: DC 14.4V (10.8 to 15.6V standard)

Ignition (keyed)

Current consumption: Less than 10A

Speaker impedance: 4 ohm (2 ohm to 8 ohm standard)

Dimensions (mm): 176 (H) x 98 (W) x 102 (D)mm

Weight: 1.1kg

A specification and design are subject to change without notice or
 other explanation.

NOTE

1. The control supply (PMB) with disconnected parts in principle. When a circuit (PMB) has failed, please repair it by disconnected parts (new). Parts which are not mentioned in service manual are not supplied.

FEATURES

1. Memory (Storage) Volume Control
2. 2-Extensor with 1-Mute (Sound) Selector
3. Multi-Track (Ex) Selector
4. **REPEAT** (Repeat) Function
5. Sequential (Auto) Tuning
6. 6-Times Over-sampling Digital Filter and Dual 1.8M D/A Converter
7. Preset Station Store (PSS) Automatic Store (AS)
8. 3-Channel (A/B) Low Level Output
9. AM 1 band, FM 3 bands each 5-station band (5 channels, Preset Memory Function)
10. Power/Random Play/Stop Music Store
11. 200W (20 W x 4) Maximum Power Output

COMPONENTS

PE-2562B-APE-2562C-A
PE-2565B-APE-2565C-A

Speaker (L/R)	1
Battery (PE-2562B-A only)	1
Remote Controller	1
PE-2562B-A (only)	1/10-104-000
ICOP (Cass)	1/10-0704-00
Mounting bracket	1/10-1160-00
Service/Repair (Order No.)	1/10-0001-00
Extension Lead	1/10-0001-00
Radio (CD)	1
Remote key	1/10-0401-00
Speaker	1/10-0001-00

To engineers in charge of repair or inspection of our products.

Before repair or inspection, make sure to follow the instructions in this equipment and Engineers in charge of repair or inspection can avoid suffering any loss or injury.

1. Use specified parts.
 The system uses parts with special safety features against fire and voltage. Use parts with equivalent characteristics when replacing them.
 The use of unspecified parts may be regarded as a replacement for which we shall not be liable. The area of product liability (PL) shall not be our responsibility in cases where an accident or failure is as a result of unspecified parts being used.
2. Place the parts and wiring back in their original positions after replacement or repair.
 For proper circuit construction, use of insulation tubes, binding clips to PCB, etc., is required. The wiring, solder and binding to the PCB are specially placed using pliers to keep away from heated and high voltage parts. Ensure that they are placed back in their original positions after repair or inspection.
 If external damage is caused due to negligence during repair, the legal responsibility shall be with the repairing company.
3. Check for safety after repair.
 Check that the wires, parts and wires are all back securely in their original position after repair. Ensure for safety reasons there is no possibility of secondary problems around the repaired parts.
 If external damage is caused due to negligence of repair, the legal responsibility shall be with the repairing company.
4. Caution in removal and testing wiring connections to the parts for the sub-system.
 Disconnected the battery terminal after turning the ignition key off. If wiring wiring connections are made with the battery disconnected, a short circuit accident may occur. If extensive damage is caused due to negligence of repair, the legal responsibility shall be with the repairing company.
5. Caution regarding shock.
 Do not repair electrical chips even when no abnormality is indicated in their appearance. Always repair them with care (The chip parts include resistors, capacitors, diodes, transistors, etc.). The negative pole of electronic components is highly susceptible to heat, so use caution when repairing them and check the specified alternatives.
6. Caution in working battery parts.
 Before working with a working unit, make sure that the unit is temperature is around 20°C. Take care not to expose the unit to moisture (more than three times) before using patterns. Also take care not to apply the top with force.
7. Turn the unit OFF during components and parts replacement.
 Replace all work before also apply power to the unit.
8. Caution in checking that the optical pickup lights up.
 The laser is focused on the disc reflection surface through the lens of the optical pickup. When checking

that the laser pickup (laser light) is, test that more than 100ms exists from the lens. Prolonged viewing of the laser within 100ms may damage your sight.

9. Caution in handling the optical pickup.
 The laser pickup of the optical pickup can be damaged by excessive charge (excess) to your station and body. Make sure to avoid excessive charge on your station or body, or discharge static electricity before handling the optical pickup.
- 9-1 Laser shock
 The laser shock terminals are shielded for transportation in order to prevent electrostatic damage. After replacement, open the shielded circuit. When removing the pickup from the replacement, stop the terminals to soldering them to prevent the damage.
- 9.2 Shock
 The vibrator has a powerful magnetic circuit. If a magnetic material is put close to it, its characteristics will change. Ensure that no foreign substance enter through the vibration parts in the case.
- 9.3 Cleaning the lens
 Due to the ultrasonic effects performance. To clean the lens, apply a small amount of isopropyl alcohol to lens paper and wipe the lens gently.

CAUTIONS

Use of controls, adjustments, or performance of procedures other than those specified herein may result in hazardous conditions.
 The compact disc player should not be adjustment or repaired by anyone except properly qualified service personnel.



Before view of the unit

Clarion Db335 Manual

Albert A Gayle



Clarion Db335 Manual:

Decoding **Clarion Db335 Manual**: Revealing the Captivating Potential of Verbal Expression

In a time characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its ability to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Clarion Db335 Manual**," a mesmerizing literary creation penned by a celebrated wordsmith, readers embark on an enlightening odyssey, unraveling the intricate significance of language and its enduring effect on our lives. In this appraisal, we shall explore the book's central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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