1. PRECAUTIONS

1. Please read this manual carefully before installing the unit.
2. Make sure all of the mounting hardware is complete before you install the unit.
3. Use the correct size of screws and tighten securely. If the screws are too long, they may damage the unit.
4. If the unit is to be installed in a vehicle, refer to the suggested mounting position in the diagram below. (Fig. 1)

2. IDENTIFICATION OF PARTS

- Installation selector levers
- Front panel
- Flip down door
- Double seamed hexagonal bolts
- Wing nut
- Flip down door
- Optical fiber digital cable (5m in length)

3. WIRE CONNECTION

4. CD MAGAZINE

1. Follow the procedure below to install the magazine. For safety reasons, install the magazine only when the car is stationary. (Fig. 1)

   a) Set the selector to the proper position for the angle of installation.
   b) Set the installation selector levers to the desired location. Setting the location incorrectly or in varied positions will cause skipping.
   c) Adjust the installation selector levers into the correct locations. Setting the location incorrectly or in varied positions will cause skipping.

2. Extracting the CD

3. EXTRACTING THE CD

   a) Open the flip down door and locate the 2 sticky levers on both sides of the CD magazine.
   b) Place the maintenance bushing on the emblem and insert the unit with the CD horizontally tilted on the right.
   c) Press the magazine into the cell until it clicks securely.

4. EXTRACTING THE MAGAZINE

   a) Open the flip down door and locate the 2 sticky levers on both sides of the CD magazine.
   b) Press the sticky levers to take out the magazine.

5. INSTALLATION

   a) In order to prevent short circuits during installation, the battery terminals must be insulated prior to installation.
   b) Before installation, be sure to check that the battery terminals are properly insulated.
   c) Use only the supplied screws and tighten them to the proper torque. If the screws are too long, they may damage the unit.
   d) Make sure that there is no chance of lifting the magazine before screwing the bolts.

6. INTERCONNECTING THE CD CHANGER UNIT

   a) Place the CD changer unit to be mounted on the dashboard. (Fig. 2)
   b) Connect the CD changer wires to the proper terminals (Fig. 3)
   c) Connect the other terminals according to the connections shown in the diagram. (Fig. 4)
   d) Connect the power supply wires to the proper terminals (Fig. 5)
   e) Connect the ground wires to the proper terminals (Fig. 6)

7. TROUBLESHOOTING

6. CAUTIONS

   a) When the unit is installed below the horizontal position (up to 15 degrees) the ejected magazine may come out of the magazine. (Fig. 7)
   b) Do not expose the magazine to direct sunlight, the car heater or other sources of strong heat.
   c) Do not put the magazine into the unit while the set is turned on. (Fig. 8)
   d) Do not insert more than one compact disc into the player at a time. (Fig. 9)
   e) Do not insert any object other than compact discs into the slot. (Fig. 10)
   f) Do not insert any compact discs that have been left in direct sunlight or are greatly affected by temperature changes. (Fig. 11)

5. INSTALLATION OF CONNECTORS

   a) When installing the leads, make sure the following precautions are observed:
   b) All leads must be connected tightly to prevent bad contacts.
   c) Do not place the leads too close to the motor. (Fig. 12)
   d) Do not place the leads too close to the motor. (Fig. 13)
   e) Do not place the leads too close to the motor. (Fig. 14)
   f) Do not place the leads too close to the motor. (Fig. 15)
   g) Do not place the leads too close to the motor. (Fig. 16)
   h) Do not place the leads too close to the motor. (Fig. 17)
   i) Do not place the leads too close to the motor. (Fig. 18)
   j) Do not place the leads too close to the motor. (Fig. 19)
   k) Do not place the leads too close to the motor. (Fig. 20)
   l) Do not place the leads too close to the motor. (Fig. 21)
   m) Do not place the leads too close to the motor. (Fig. 22)
   n) Do not place the leads too close to the motor. (Fig. 23)
   o) Do not place the leads too close to the motor. (Fig. 24)
   p) Do not place the leads too close to the motor. (Fig. 25)
   q) Do not place the leads too close to the motor. (Fig. 26)
   r) Do not place the leads too close to the motor. (Fig. 27)
   s) Do not place the leads too close to the motor. (Fig. 28)
   t) Do not place the leads too close to the motor. (Fig. 29)
   u) Do not place the leads too close to the motor. (Fig. 30)
   v) Do not place the leads too close to the motor. (Fig. 31)
   w) Do not place the leads too close to the motor. (Fig. 32)
   x) Do not place the leads too close to the motor. (Fig. 33)
   y) Do not place the leads too close to the motor. (Fig. 34)
   z) Do not place the leads too close to the motor. (Fig. 35)

8. SPECIFICATIONS

   a) Input Signal to Noise Ratio: 105dB (1kHz) IHF .A
   b) Frequency Response: 5Hz ~ 20kHz (± 1dB)
   c) Channel Separation: 64dB (1kHz) IHF .A
   d) Damping Factor: 100
   e) Source Unit: 12V GROUND
   f) Mechanical Dimensions: 224 x 174 x 54 mm
   g) Weight: 3.8 Ib. (1.7 kg)

9. HANDLING COMPACT DISCS

   a) When the inside of the car is very cool and the player is at room temperature, condensation may occur on the compact disc and player's plastic panels. So do not play in such conditions. When the unit is installed below the horizontal position (up to 15 degrees) the ejected magazine may come out of the magazine. (Fig. 36)
   b) Do not expose the magazine to direct sunlight, the car heater or other sources of strong heat.
   c) Do not expose the magazine to direct sunlight, the car heater or other sources of strong heat.
   d) Do not expose the magazine to direct sunlight, the car heater or other sources of strong heat.
   e) Do not expose the magazine to direct sunlight, the car heater or other sources of strong heat.
   f) Do not expose the magazine to direct sunlight, the car heater or other sources of strong heat.
   g) Do not expose the magazine to direct sunlight, the car heater or other sources of strong heat.
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   y) Do not expose the magazine to direct sunlight, the car heater or other sources of strong heat.
   z) Do not expose the magazine to direct sunlight, the car heater or other sources of strong heat.

Note:
- Do not use commercially available CD protection shields or discs equipped with indicators, as these may get caught in the internal mechanism and damage the disc.

Specifications:
- Input Voltage: 12V (10.8V to 15.9V)
- Output Power: 45W x 4 (2Ω, 1kHz, 10% THD)
- Signal to Noise Ratio: 105dB (1kHz) IHF .A
- Frequency Response: 5Hz ~ 20kHz (± 1dB)
- Channel Separation: 64dB (1kHz) IHF .A
- Impedance: 50Ω
- Effective Frequency: 40Hz ~ 16kHz

Dimensions:
- Width: 580mm
- Height: 224mm
- Depth: 174mm

Weight:
- 3.8 Ib. (1.7 kg)