

## Troubleshooting Guide

PROBLEM	POSSIBLE CAUSE	SOLUTION
Sound skips due to vibration.	<ul style="list-style-type: none"><li>• The unit is mounted at a slant.</li><li>• Changer unit is mounted in an unstable place.</li><li>• The angle adjustment switches are set improperly.</li></ul>	<ul style="list-style-type: none"><li>• Mount the unit so that is level.</li><li>• Mount the unit in a stable place.</li><li>• Set the angle adjustment switches to the correct positions.</li></ul>

When removing the CD changer, be sure to first eject a magazine then unplug the changer cord. Do not forget to attach the transport screws before transporting the CD changer. The CD changer may be damaged during transport if a magazine or CD is left inside it or the transport screws are not attached.

## Specifications

### Specifications subject to change without notice.

Laser diode .....	GaAlAs ( $\lambda$ =780 nm)
Digital Filter .....	8-Time Over Sampling
D/A Converter .....	1 bit
Spindle speed .....	500 ~ 200 rpm (CLV)
Wow & Flutter .....	Below Measurable Limit
Frequency Response ( $\pm 1$ dB) .....	.5 Hz ~ 20 kHz
Total harmonic distortion (1 kHz) .....	0.005 %
Signal to Noise Ratio .....	100 dB
Dynamic range .....	94 dB
Channel separation .....	96 dB
Operating voltage .....	14.4 V (11 ~ 16 V allowable)
Current consumption .....	0.8 A at Rated power
Dimensions (W $\times$ H $\times$ D) .....	
(KDC-C719) .....	250 $\times$ 80 $\times$ 176 mm (9-13/16 $\times$ 3-1/8 $\times$ 6-13/16 in.)
(KDC-C669) .....	250 $\times$ 64 $\times$ 176 mm (9-13/16 $\times$ 2-1/2 $\times$ 6-13/16 in.)
Weight (KDC-C719) .....	2.0 kg (4.4 LBs)
(KDC-C669) .....	1.8 kg (4.0 LBs)

# KENWOOD

## KDC-C719 KDC-C669

COMPACT DISC AUTO CHANGER

## INSTRUCTION MANUAL

KENWOOD CORPORATION

## Warning / Safety precautions

The marking of products using lasers  
(Except for some areas)

### CLASS 1 LASER PRODUCT

The label is attached to the chassis/case and says that the component uses laser beams that have been classified as Class 1. It means that the unit is using laser beams that are of a weaker class. There is no danger of hazardous radiation outside the unit.

#### ▲WARNING

Take the following precautions to prevent fire and avoid personal injury :

- Check that no metal objects (coins, tools, etc.) are left inside the unit to avoid short circuits.
- If you smell or see smoke, turn the power off immediately and consult your Kenwood dealer.

#### ▲CAUTION

Take the following precautions to keep the unit in proper working order.

- Do not open the top or bottom cover.
- Do not install the unit in places it is exposed to direct sunlight, high heat or humidity, water may splash over it, or dust exists.
- Do not install the unit at a dusty place. If the unit is installed at a dusty place, dust accumulates inside the unit and unit may be damaged.
- When drilling a hole in the car to fix the brackets, make sure not to damage the fuel tank, brake tube, wiring harnesses, etc. on the other side.
- If the unit is installed near speakers, the speakers vibration may causes a sound skip. Install the unit as far away as possible from the speakers.

#### NOTE

- If you have difficulty in installing this unit in your vehicle, contact your Kenwood dealer.
- If it doesn't seem to be working properly, first press the Reset button. If the malfunction persists, consult your Kenwood dealer.

#### IMPORTANT INFORMATION

Note that any control units released in 1997 or earlier cannot be connected to this unit.

Unsupported connection may result in damage.

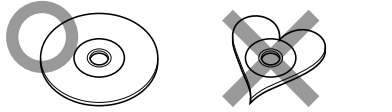
**FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN DAMAGE TO THIS UNIT AND CONTROL UNIT.**

The disc name preset function can register names of up to 100 discs using up to 12 characters for each disc name.

The availability of this function as well as the number of discs which can be registered using this function and the number of usable characters may be variable depending on the control unit in use.

#### Do Not Use Special Shape CDs

- Be sure to use round shape CDs only for this unit and do not use any special shape CDs. Use of special shape CDs may cause the unit to malfunction.



- Be sure to use CDs with disc mark

- CD-Rs and CD-RWs which have not undergone finalization processing cannot be played. (For more information on finalization processing, refer to the manual for your CD-R/CD-RW writing software or CD-R/CD-RW recorder.) Additionally, depending on the recording status, it may prove impossible to play certain CDs recorded on CD-R or CD-RW.

#### Do Not Use CDs with Sticker on the Labeled Side

Do not use the CD with the label sticker stuck on it. Using such a CD may cause the CD to be deformed and the sticker to peel off, resulting in malfunction of the unit.

#### Cleaning the unit

If the front panel is dirty, wipe it clean with a silicon cloth or soft dry cloth with the power off.

#### ▲CAUTION

Do not use hard cloths or paint thinner, alcohol, or other volatile solvents. These may damage external surfaces or remove indicator characters.

#### Lens fogging

In cold climates, there may be a period after you turn on your vehicle's heater when the lens that guides the laser beam used in your CD player fogs up. If this happens, you cannot play compact discs. Take out discs and the fogging will disappear. If it does not return to normal after several hours, contact your Kenwood dealer.

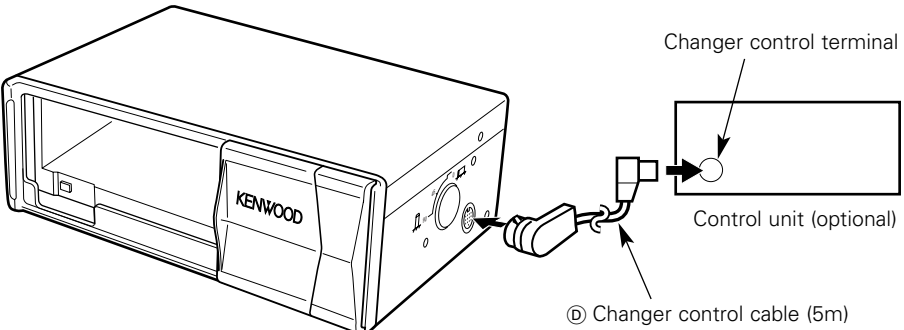
#### Heat protection

In warm climates, when vehicles are left standing in direct sunlight with the windows closed, the temperature inside can rise above 60°C. The unit's protection circuits will then display the message "HOLD" and prevent the player from operating. Just open the windows or turn on the air conditioning. As soon as the "HOLD" message disappears, the player will operate normally.

**Stains, scratches, or warping can cause skipping, malfunction, or low sound quality. Take the following precautions to avoid damage to the compact discs.**

- Avoid touching the recorded side (the side without the titles on) when you hold a compact disc.
- The reflective film on a CD-R or a CD-RW is more fragile than that on an ordinary music CD, and may peel off if scratched. Fingerprints on a CD-R or CD-RW are also more likely to cause skipping when the disc is played. For these reasons, handle the disc very carefully. Detailed handling instructions will appear on the CD-R or CD-RW package: read this information carefully before using the disc.
- Do not stick paper tape, etc. on either stick of the disc.
- Do not store discs where they will be exposed to direct sunlight (such as on the seat and dashboard) or high heat.
- A CD-R or CD-RW is more susceptible than a music CD to damage from high temperatures and humidity, and in some cases, may become unusable if left in the car for long periods of time.
- If you do not use your unit for an extended time, remove the discs from the unit and put them in their cases. Do not leave them lying around without cases, piled up, or leaning on a wall and so on.
- If you attach an adapter to an 8 cm (3") compact disc and load it into this unit, the adapter may be detached from the disc, causing damage to the unit. Do not use 8 cm (3") compact discs.

## Connections



#### ▲CAUTION

- Do not connect the changer control cable while the control unit is turned ON.
- Be sure to press the reset button after installation.
- Do not install an antenna of radio equipment or distribute the antenna cable near the changer output cable, for this could cause malfunction with this unit.

## Loading compact discs

- Make sure the disc magazine is the right way up with the "disc" logo on the top. Pull the tray out by the projection.
- Place the disc on the tray with the label facing upwards. Insert the tray into the disc magazine until it locks. Check that the discs and trays are inserted properly. The discs are numbered from the bottom from 1 to 6 or 10.

**▲CAUTION**

  - Take care to insert trays into the correct grooves in the disc magazine and to insert discs properly into the tray grooves. Otherwise malfunction may occur or the disc may be damaged.
  - Insert all trays even when some of them do not carry discs. Otherwise malfunction or operation failure may occur.
  - 8-cm discs cannot be used. If an 8-cm disc adapter is used, the disc cannot be ejected.
- Open the CD changer door.
- Insert the magazine into the CD changer until it clicks.
- Close the CD changer door.

**NOTE**

Use the CD changer with its door closed to prevent the entry of dust into the changer.
- "EJECT"

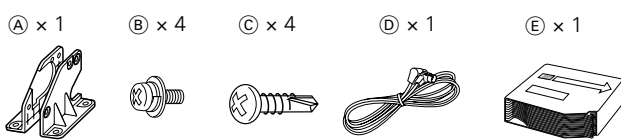
Open the CD changer door, and press the "EJECT" button.

**NOTE**

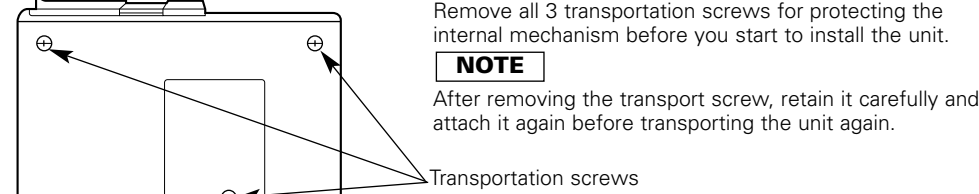
Be sure to open the door completely before pressing the EJECT button. If the door is not completely open, the magazine may hit the door and cause damage of malfunction.

## Installation

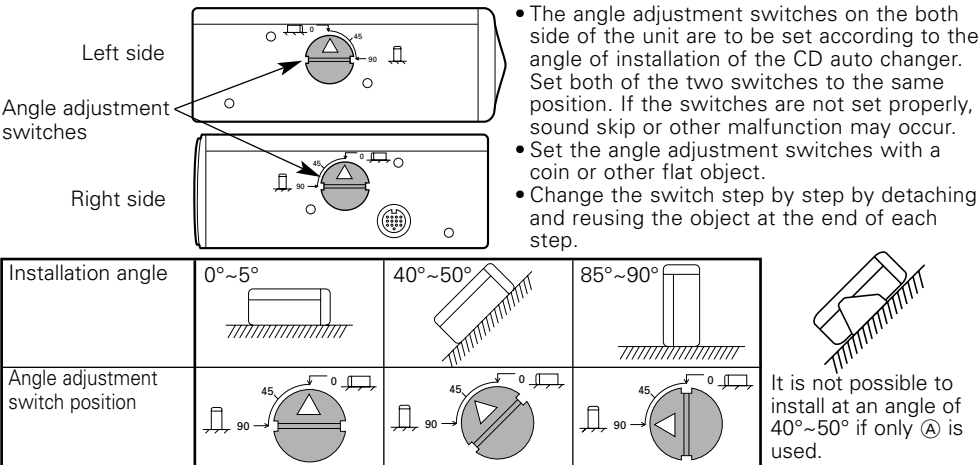
### ■ Accessories



### ■ Removing the transportation screws



### ■ Angle adjustment switches

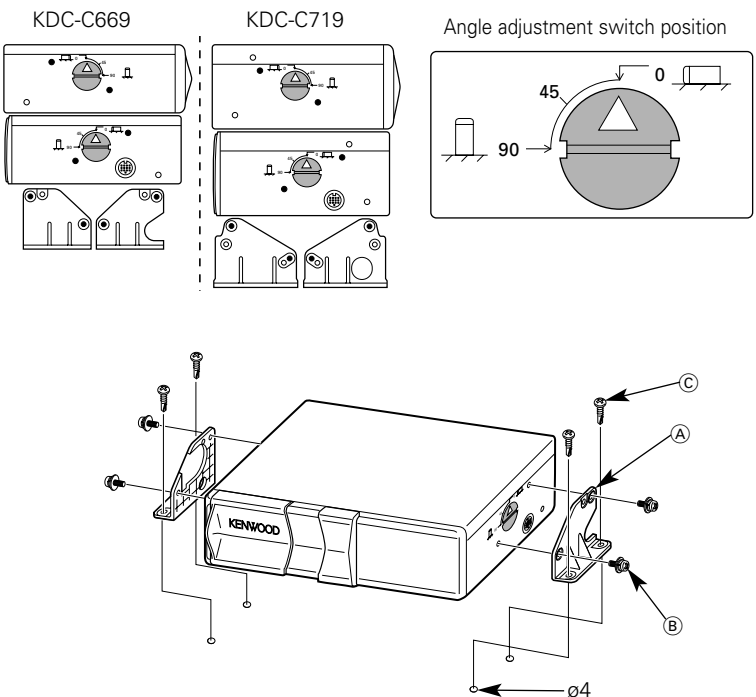


Use the holes marked ● to install the unit.

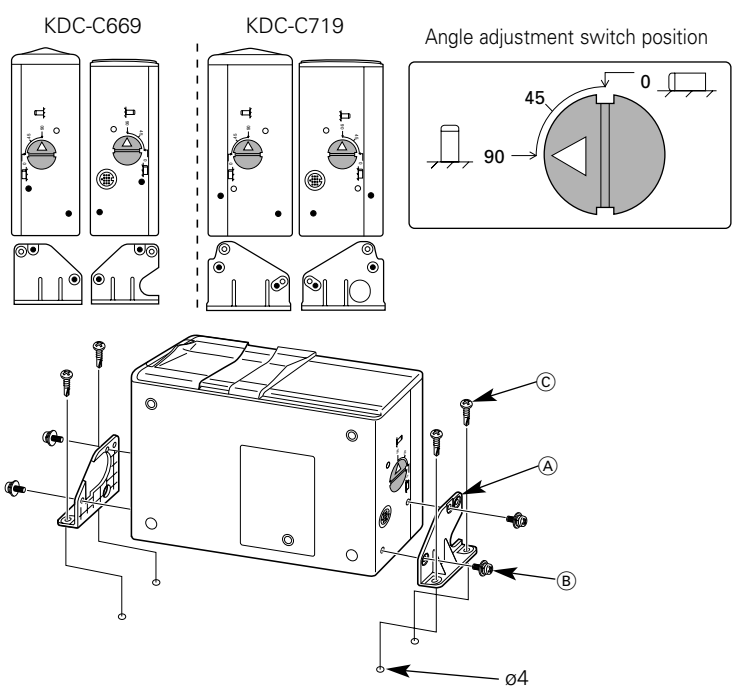
#### ▲CAUTION

Do not tighten the screw (B) too securely at the time of installation, but tighten it securely after having fixed the bracket (A).

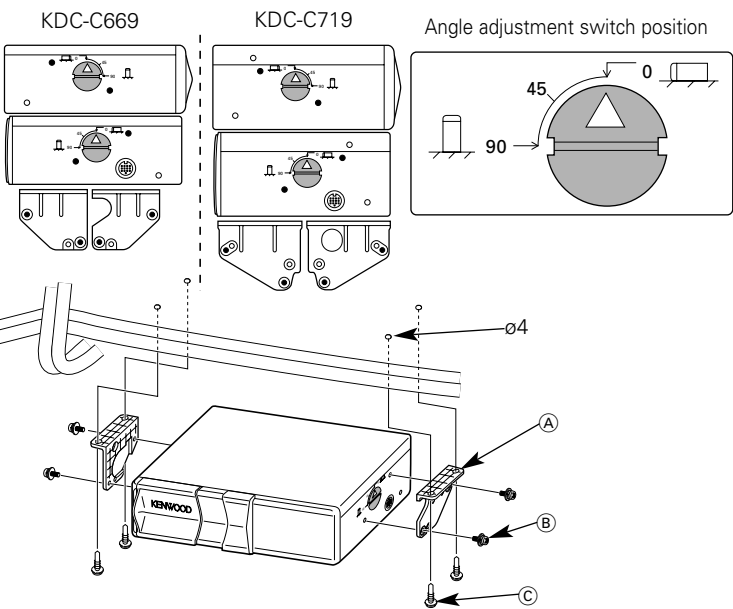
### ■ Horizontal installation



### ■ Vertical installation



### ■ In case of hanging in the trunk





## 故障檢修指南

現 象	原 因	排除方法
因為振動，聲音跳動。	傾斜著安裝了裝置。	安裝在平坦的地方。
	換片器安裝在不穩定的地方。	安裝在穩定的地方。
	沒有正確設定角度調整開關。	將角度調整開關設定於正確位置。

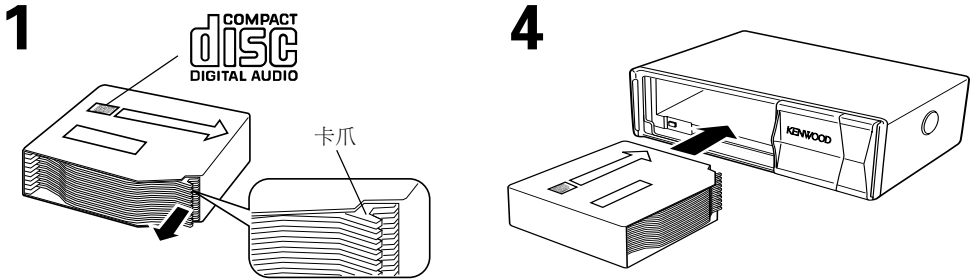
在移動 CD 交換機時，一定要先彈出唱碟架，然後拔下交換機的纜線。在搬運之前，必須先擰緊搬運緊固螺釘。如果唱碟架或唱碟留在 CD 交換機之中，或沒有擰緊搬運緊固螺釘，在搬運時可能會造成交換機損壞。

## 規格

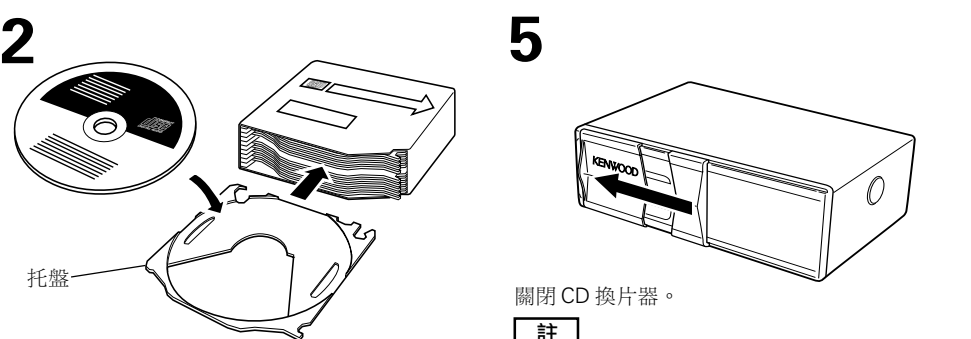
規格可能有改變，恕不另行通知。

激光二極管	GaAlAs (λ =780 nm)
數碼濾波器	8 倍過取樣
數碼 / 類比轉換器	1 位
心軸速度	500~200 rpm (CLV)
抖晃度	可調極限以下
頻率響應(± 1 dB)	5 Hz ~ 20 kHz
總諧波失真 (1 kHz)	0.005 %
信噪比	100 dB
動態範圍	94 dB
通道分離	96 dB
工作電壓	14.4 V (允許 11~16 V)
電流消耗	於額定功率 0.8 A
安裝尺寸(寬×高×深) (KDC-C719)	250 × 80 × 176 mm
(KDC-C669)	250 × 64 × 176 mm
重量 (KDC-C719)	2.0kg
(KDC-C669)	1.8kg

## 鐳射唱片裝入法

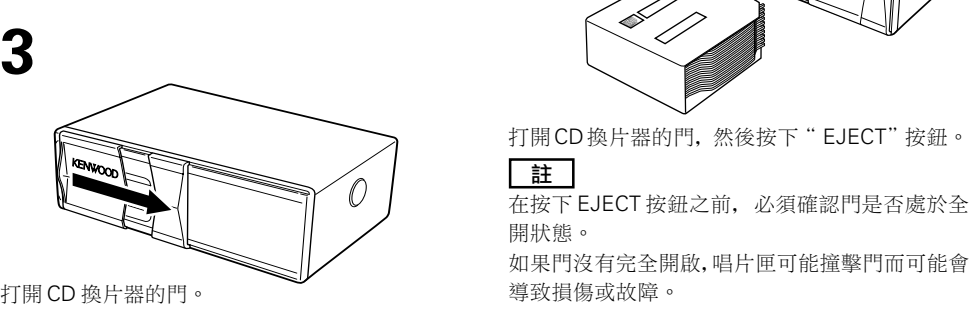


將唱片匣有“disc”標記面朝上。握住托盤的卡爪拉出。

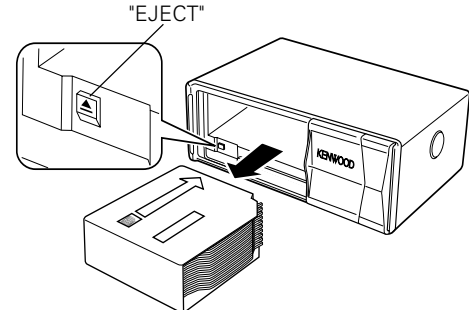


鐳射唱片在裝入托盤時標籤面要朝上。將托盤插入唱片匣，直至鎖定為止。最後應確認唱片和托盤是否確實裝入。唱片號碼從底面往上表示為「1 至6或10」。

- ▲注意**
- 如托盤隔層插入在唱片匣中或唱片沒有確實放在托盤上時，會成為引起機器故障或唱片受損的原因。
  - 沒有裝入唱片的托盤，也務必插入在唱片匣內。如不插入，會成為引起誤動作或故障的原因。
  - 禁止使用 8cm 唱片。如果使用 8cm 唱片附加器，該唱片便不能被排除。



## 6 唱片排出方法



打開 CD 換片器的門，然後按下“EJECT”按鈕。  
**註**  
在按下 EJECT 按鈕之前，必須確認門是否處於全開狀態。  
如果門沒有完全開啟，唱片匣可能撞擊門而可能會導致損傷或故障。

# KENWOOD

鐳射唱片自動換片器

## KDC-C719

## KDC-C669

## 使用說明書

KENWOOD CORPORATION

## 警告 / 安裝注意事項

使用激光的產品的標記(某些地區除外)

**CLASS 1**  
**LASER PRODUCT**

這個標籤貼在底板/機殼上，注明該部件所使用的激光束分類為第 1 級 CLASS1。也就是說該裝置使用激光束是屬於較弱的等級的。  
在裝置的外部沒有有害輻射的危險。

### ▲警告

為防止火災以及避免人身傷害，請遵守下列注意事項：

- 為避免短路，檢查金屬物件(硬幣、工具等)有無遺忘在裝置內。
- 如果聞到煙霧氣味或發現到煙霧發生，請立即關掉電源並與 Kenwood 經銷商商量。

### ▲注意

為維持本裝置正常的動作，應遵守下列事項：

- 請勿打開頂部或底部蓋。
- 本裝置請勿安裝在曝露於直射陽光、高溫或高濕、水可能飛濺的或有灰塵的地方。
- 本裝置請勿安裝在多塵的地方。如果在多塵的地方安裝本裝置，灰塵會聚集在裝置內部，可能會損壞裝置。
- 在汽車內鑽孔來固定托架時，注意不要損傷位於相反面的燃油箱、連接制動器的管道、電線束等。
- 如果本裝置安裝在揚聲器附近，揚聲器的振動可能會造成聲音跳動。請使本裝置儘可能遠離揚聲器。

### 註

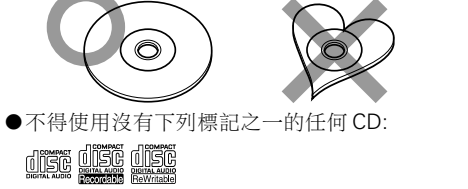
- 如果本裝置安裝在汽車內有困難時，請與貴地 Kenwood 經銷商商量。
- 如果本裝置看來不能正確動作，請首先按下復位按鈕。如果故障仍然存在，請與貴地經銷商商量。

### 重要情報

- 請注意，任何於 1997 年或者在此之前製造的控制裝置無法與本機連接。  
不兼容的连接將導致損壞裝置。  
**未能遵守這些指示可能會導致本裝置和控制裝置損壞。**
- 碟片名稱預設定功能可以為多達 100 張碟片設定名稱：名稱可使用的最大長度為 12 個字母。根據控制單元的不同，本功能可以使用的程度、可登記碟片的數目以及名稱的最大長度可能不盡相同。

請不要使用特殊形狀的 CD。

- 本機僅限使用圓形的 CD，請不要使用特殊形狀的 CD。如使用特殊形狀的 CD，可能會造成故障。



- 不得使用沒有下列標記之一的任何 CD:



- 沒有經過最終處理的 CD-R 和 CD-RW 將無法播放。(關於最終處理，請閱讀所使用的 CD-R/CD-RW 記錄軟體以及 CD-R/CD-RW 記錄機的使用說明書。)此外，根據不同的記憶狀態，可能無法播放記錄在 CD-R 或者 CD-RW 中的某些 CD。

不得使用在標記面上貼附紙膠帶的c d

- 不得使用貼附紙膠帶的 CD。  
使用這種 C D 將引起 C D 的變形，並且紙膠帶將脫落，造成本機發生故障。

### 裝置清潔方法

- 如果前面板污髒，在關掉電源狀態下用硅清潔布或軟乾布擦拭。

### ▲注意

請勿使用硬布或塗料稀釋劑、酒精或其他揮發性溶劑。它們可能會損傷外表或擦除掉指示字符。

### 透鏡灰霧

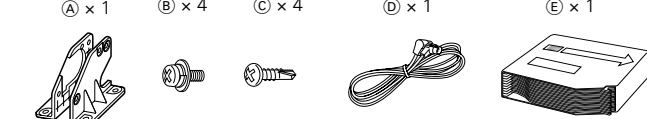
- 在寒冷天氣，當接通汽車的電源後，本裝置內部及鐳射唱片上會有灰霧(水滴)現象出現。如遇到此種情況，鐳射唱片便不能播放。取出唱片時，灰霧將會消失。如果過數小時後不能恢復正常，請與 Kenwood 經銷商商量。

### 防熱

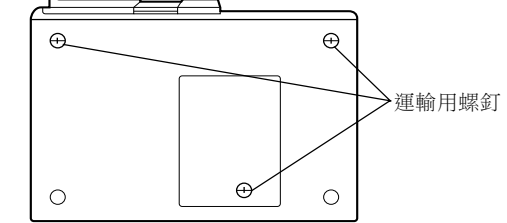
- 在炎熱天氣，當汽車關閉門窗停放在直射陽光之下時，車內溫度會上升到 60℃ 以上。本裝置的保護電路將會顯示信息“HOLD”，防止唱機動作。這時，只須打開窗戶或啟動空調機。“HOLD”信息一消失，唱機將會正常動作。

## 安裝

### ■ 附件



### ■ 拆下運輸用螺釘

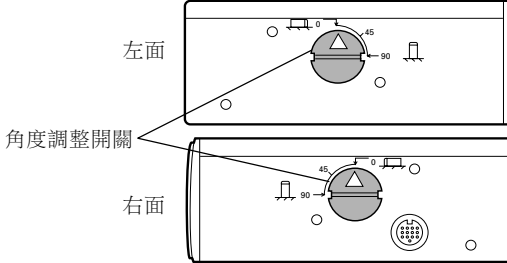


在開始安裝主機前，將為了保護內部機械而裝有的3根運輸用螺釘全部拆下。

### 註

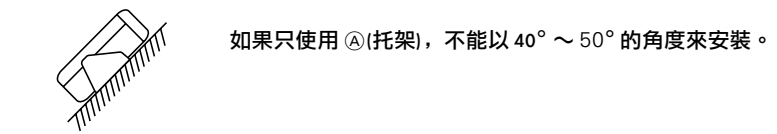
拆下運輸用螺釘之後，須保存好該螺釘，以便再一次運輸時重新安裝在主機上。

### ■ 角度調整開關



- 位於兩側面的角度調整開關要根據 CD 自動換片器的安裝角度進行設定。兩個開關都要設定於同一位置。如果開關未能正確設定，可能會產生聲音跳動或其他故障。
- 請用硬幣等扁平物體進行角度調整開關的切換。
- 請按各檔角度來調整切換開關。

安裝角度	0°~5°	40°~50°	85°~90°
角度調整開關的位置			



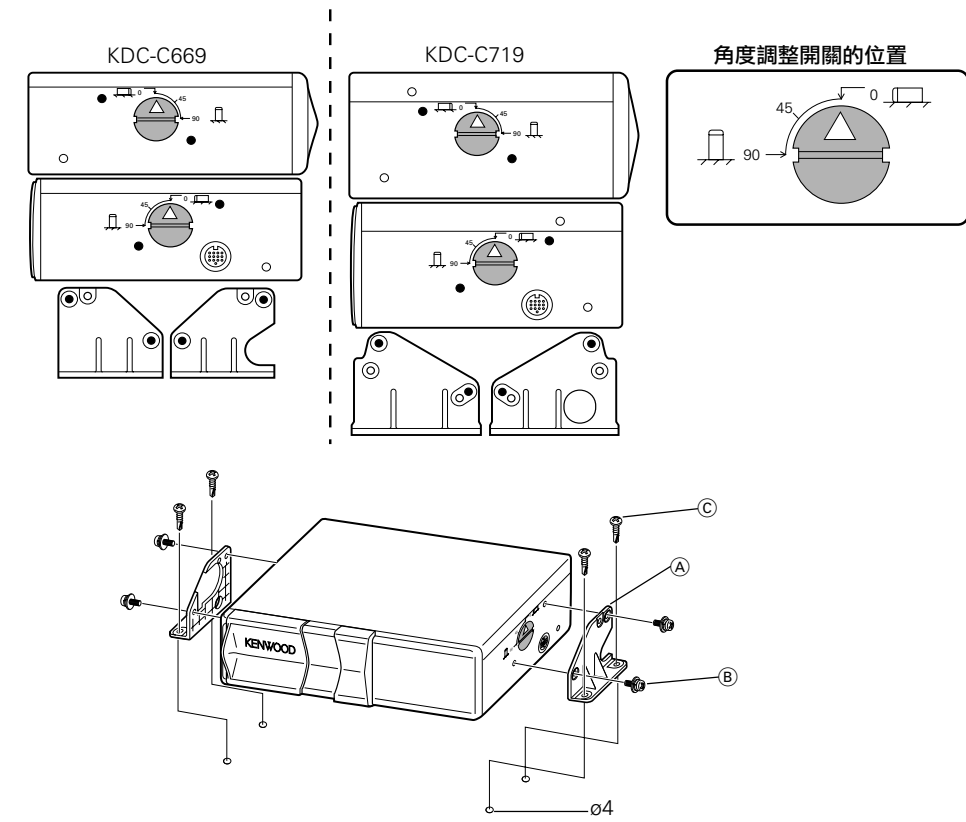
如果只使用 ④(托架)，不能以 40° ~ 50° 的角度來安裝。

安裝時，應使用●印孔。

### ▲注意

安裝時請勿將螺釘 ⑥ 牢固旋緊，但在固定托架 ④ 之後應充分旋緊。

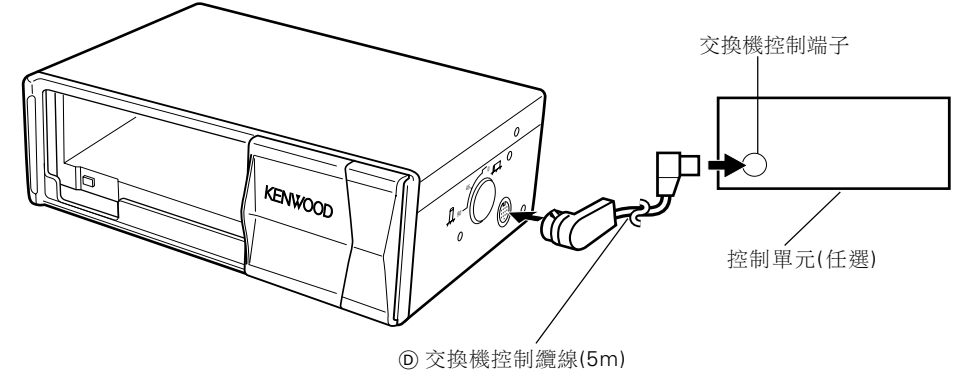
### ■ 水平安裝



污垢、擦痕或翹曲可能會造成聲音跳動、故障或音質降低。為避免鐳射唱片的損傷，請遵守下列注意事項：

- 拿持鐳射唱片時，要避免觸摸記錄面(沒有標題的一面)。
- 由於 CD-R 以及 CD-RW 的記錄面比通常的音樂 CD 較軟，因此容易被劃傷、並且也容易受到指紋影響的媒體，所以請在使用時充分注意。此外在 CD-R 以及 CD-RW 的包裝上等有詳細的注意事項說明，請在使用之前閱讀這些注意事項。
- 請勿在唱片任意一面張貼膠帶等。
- 請勿將唱片保管在曝露於直射陽光的地方(如座椅或儀表板上)或高溫的場所。  
CD-R 或者 CD-RW 比音樂 CD 更容易受到高溫和高濕度的影響而損壞。如果將 CD-R 或者 CD-RW 長時間遺留在車內，在有些情況下將可能無法使用。
- 如果擬長時間不使用本裝置，請從裝置內取出唱片並將它們放入盒中。請勿把唱片以不放入盒中的狀態亂放置、堆積或斜立放置等。
- 如果將附加器安裝在 8cm 鐳射唱片並將它放入本裝置，附加器可能會從唱片脫落，導致本裝置損壞。請勿使用 8cm 鐳射唱片。

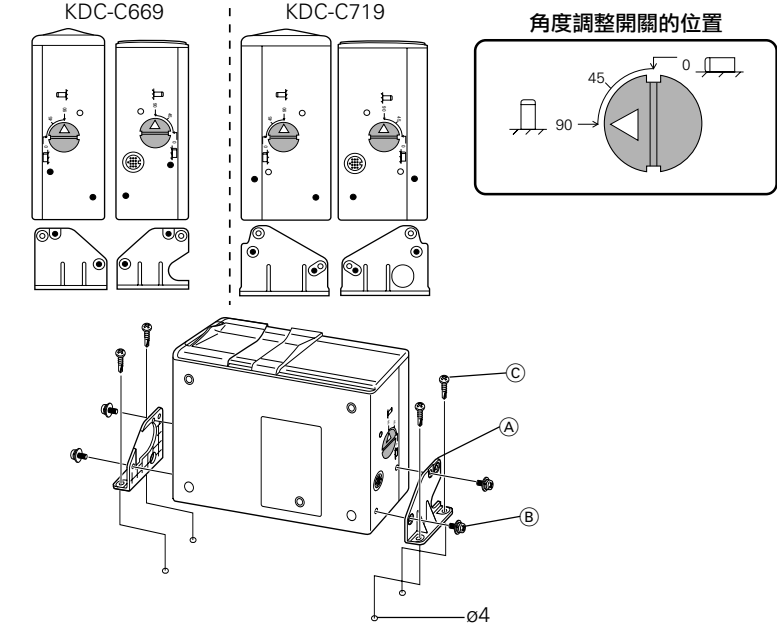
## 連接



### ▲注意

- 當控制機器的電源打開時，不要連接交換機的控制纜線到控制機器。
- 安裝完畢後，請務必按下復位按鈕。
- 由於可能會造成本裝置故障，請勿在換片器輸出電纜附近安裝無線電裝置的天線或佈置天線電纜。

### ■ 垂直安裝



### ■ 掛在車後部的行李箱中時

