



2711

- 車用 AM 2 CH •
- Car AM 2 CH •

操作說明書

Manual operation

注意：
使用本產品前請先閱讀此說明書

本書請妥善保管以備不時之需

Note:

Use of this product before you read this statement

The book you should keep to prepare for rainy day

此次承蒙您購買 CDT-2711 產品謝謝您。

Thank you to buy our products

使用本產品前請先閱讀此操作說明書，正確，安全地使用。

Use of this product before you read this operation manuals, correct and safe use it



關於在本書使用專用語，請參考用語說明

The book on the use of specialized language, please refer to the term note

關於用途，輸出，改造，等之注意事項

On the use, export, transformation, and other matters of note

1. 模型用以外請不要用

Please don't use model outside

本說明書裡所記載的製品，用途只限於模型用

The statement described in the products, uses only models

2. 輸出時注意事項

Output note

(1) 本製品輸出海外時沒有輸出國的電波法中認可則不能使用

Output of the products overseas without sending the waves will not be recognized in law to use

(2.) 使用在模型以外的用途在輸出貿易中管理規定，必須申請輸出許可等，法令上手續

Other than the use of the model output in the use of trade regulations, must apply for export permits, decrees on procedures

3. 改造，調整，部品，交換時注意事項

Transformation and adjustment, parts, when the exchange of notes

本製品在本公司以外地方改造，調整，部品，交換時概不負責一切責任

The products of this company outside transformation and adjustment, parts, when the exchange will not be responsible for all the responsibility

- 本說明書之部份內容或全部內容不得轉載
- **This statement is part or all of the content may not be reproduced**
- 關於本說明書將來不做預告而做變更
- **On the future of this brochure do not notice changes**
- 本說明書是精心設計萬一有不清楚或誤記，漏記地方您發現了請與敝公司聯絡
- **This statement is carefully designed not clear or if there are errors in mind that the lea where you find please contact Brastel**
- 對於客戶使用機器的結果，因為很難負責任，所以請您瞭解
- **For customers using the machine results, because of the difficulty of responsible, so you know**



目次

Table of Contents

- 使用上安全
- **The use of safety**

- 表示意思
- **means**
- 行車時注意
- Driving Note
- 鎳隔電池使用上的注意
- Nickel at attention on the use of battery
- 其他注意
- Other notes
- 保管，廢棄時注意

Custody, abandoned notes

- 使用前
- **Before use**

- 組件內容
- Component content
- 各部名稱／操作方法
- **Name of ministries / methods of operation**

- 參考
- **reference**

- 規格
- **Specifications**

• 爲了您使用上安全 •

• For your use of security

爲了能總是安全的來使用製品，對於以下請注意

To be able to always safe to use products, please note the following

表示的意義

Said significance

在本說明書中，有如下表示部份，表示在安全上必須要特別注意的內容

In this statement, following that part of that security must pay special attention to the content

表示

Said



危險

忽略此表示，而錯誤操作的話，要預想到使用者或是他人會死亡或是負傷之危險

Dangerous Ignore this, and the wrong operation, it should be expected to users or others will be killed or wounded dangerous



警告

忽略此表示，而錯誤操作的話，有可能使用者或是他人會死亡或是負傷。又發生輕傷，及物品損害之可能性也很高

Warning Ignore this, and the wrong operation, users or others may be dead or wounded. Minor injuries occurred, and the possibility of damage to goods is also very high



注意

忽略此表示，而錯誤操作的話，使用者或是他人負傷可能性很小，但是受傷可能性也是有，另外，也可能導致東西損壞

Note Ignore this, and the wrong operation, users or others wounded unlikely, but there is also possibility of injury, and may also lead to damage things

圖記號:



: 禁止事項

Figure mark

Prohibition



: 一定要實行事項

Matters must be implemented

行車航行時的注意

When the attention of vehicular traffic

警告

Warning

禁止事項

Prohibition

同樣周波數,不要同時行車（航行）

The same frequency, not while driving (sailing)

*電波混合，失控。

* Waves mixed, out of control.



*即使調變方式（AM,FM 及 PCM 方式等）不同

Even modulation methods (AM, FM and the PCM method, and so on) different

*周波數同周波數一樣時也會干擾

Frequency with the same frequency will also interfere with

下雨的日子,水中,夜間絕對不要行車（航行）

Rainy days, water, should not travel at night (sailing)



*內部裝置會進水，而誤動作失控

Internal device inlet, and went out of control malfunction

如下那樣的場所不要行車（航行）

Do not place the following as the traffic (sailing)

<1.>其他遙控器的附近（3 千米以內）

The other near the remote control (within 3 km)

<2.>人的附近或馬路

People ' s near or road

<3.>有船的水池

A ship's pool

<4.>高壓線.通信設備的附近

High-tension lines. Vicinity of the communications equipment

由於受電波干擾，而失控，萬一由於發射器或車體（船體）之故障而失控時會嚴重受傷。

Because of the radio wave interference and control, as if fired or body (Hull) failures out of control when serious injuries

疲勞時`生病時`酒醉是，不要行車（航行）

When Fatigue, illness, drunk, do not travel (sailing)

欠缺集中力，不能作正常判斷，會犯操作錯誤。

Lack of concentration, can not be normal judgement, will commit errors.

一定要遵守的事項

Must comply with the matters

送信機的天線要全部伸長使用

Messenger of the antenna to use all the elongation



如果在縮天線的狀態下使用，則電波的到達距離會縮短，會失控。

If the reduction in the use of the status of the antenna, the airwaves will shorten the distance from the landing, will be out of control.

行車（航行）前一定要測試發射器

Travel (sailing) must be tested before the launchers

發射器,車體（船體）等的那一方，如果發生異常，會失控

Launchers, body (Hull), the side, in case of any abnormal will be out of control

- 簡單測試方式 *
- * Simple test *

車體（船體）讓助手拿或是放在台上,不要跑出 5 米確認各舵機動作是否正常,如有異常先檢查確認無誤!

Bodies (Hull), or let aides take on the stage, do not run out five meters to confirm whether the normal movement of the steering gear, if unusual to check to confirm correct!

一定要裝上本書所指定的 CD Hobby 純正頻率晶體使用(送受信機用)

Must be installed on the book designated by the CD Hobby pure crystal frequency of use (the letter sent by the machine)

1. 頻率晶體上 TX 為 送信機

Crystal frequency on the messenger-TX

2. 頻率晶體上 RX 為 受信機

Crystals on the frequency for the RX-letter

3. 使用其他家頻率晶體的話,可能電波的到達距離會縮短，會造成失控可能

4. Frequency of use of other family crystal, it may reach the airwaves will shorten the distance, went out of control may cause °

確認事項

Confirm matters

1. 送信機的天線是否壞掉，確認之。

Messenger of the antenna is broken, confirmation

2. 走車（航行）中壞掉,掉落的話不能送信會造成失控可能。

Taking vehicles (sailing), broken, it can not fall off the messenger will be out of control

鎳鎘電池使用上的注意

notes on the use of Nickel-cadmium batteries

（只有使用鎳鎘電池時）

Only when the use of nickel-cadmium batteries

警告

Warning

一定要遵守的事項

Must comply with the matters

1. 發射器用鎳鎘電池在行車（航行）前，務必要充電。

Launchers used in nickel-cadmium batteries in the lane (sailing), must charge

2. 行車（航行）中，如果沒有電量，會有亂走之危險。

Lane (sailing), if there is no electricity, there will be chaos take the risk.

3. 行車（航行）時一定要取下行車（航行）用的鎳鎘電池。

Lane (sailing), we must remove the lane (sailing) with the nickel-cadmium batteries

4. 沒取下就這樣放著，突然車子（船）會有失控的危險。

not removed in this way, suddenly a car (ship) will be the danger of out of control

5. 發射器用鎳鎘電池的充電，要使用另外版本的專用充電器或是發射器用的急速充電器。

Launchers used in nickel-cadmium rechargeable batteries, to use another special version of the Charger or used in launching the rapid charger

6. 超過規定值的充電，會發生異常發熱，破裂漏液等所引起的燙傷，火災，受傷，失明等。

Exceeds the value of the charge will occur abnormal fever, such as leakage caused by the rupture of the burn, fire, injuries, blindness.

注意

禁止事項

Prohibition

不要使用市面販賣的 3 號鎳鎘電池

Do not use the market trafficking on the 3rd nickel-cadmium batteries

1. 急速充電時，電池座的接點部份異常發熱部分異常發熱，有破損或不能充電的情形。

Rapid charging, the battery on the contact part of some very unusual fever fever, damaged or unable to charge the case.

2. 鎳鎘電池的連接線的端子，不要短路如果短路了，則由於異常發熱等，會引起燙傷，火災。

Nickel-cadmium battery cable of the terminal, if not short-circuit a short circuit, due to abnormal heat, will cause burns, fire.

3. 短路！異常發熱！壞掉的電解液漏出來會由於燙傷，化學物質而受到傷害。

Short-circuit! Abnormal fever! Broken because of the electrolyte Louchu Lai will burn, hurt by chemical substances

其他之注意

other note

注意

notes

1. 燃料`廢油`排氣頂不要直接接觸塑膠部分，如果就這樣的話，塑膠會破損。

Fuel oil `` Do not exhaust the top direct contact with the plastic parts, if so, it will damage the plastic

2. 請使用在操作說明書及目錄所記載的東西。

Please use in the operation manuals and catalogues are documented things

保管`廢棄時的注意

Custody, abandoned notes

禁止事項

Prohibition

1. 發射器`電池`車體等，不要放在幼兒拿的到的地方。

Launchers `` car battery, not on child care to take the place

2. 觸摸到而啓動，誤添電池則會受傷或由於化學物質而受傷。

Touch to activate, misuse Tim batteries will be injured or injuries due to chemical substances

3. 不要把鎳鎘電池投到火中，或是加熱，不要分解或是改造。

Nickel-cadmium batteries should not be invested in the fire, or heating, not to decomposition or transformation.

一定要遵守的事項

Must comply with the matters

1. 不行車時，發射器使\用鎳鎘電池要在放電的狀態下保管，下次要行走前再充電。

No car, firing allows \ using nickel-cadmium battery to discharge under the custody of the state, before walking next to recharge

2. 在鎳鎘電池放電很淺的狀態，重復充電很多次的話，則根據鎳鎘電池的記憶效果，即使作充電行車的時後也會縮短很多。

Nickel-cadmium batteries discharge very shallow, and repeatedly using many times, then the nickel-cadmium batteries under the memory effect, even if the charge for travel time will be shortened after the many.

3. 關於鎳鎘電池的電解液因爲是強制性，電解液進入眼睛是，恐怕會失明，不要揉擦，馬上用乾淨的水，好好的洗淨接受醫生的治療。

On the nickel-cadmium battery electrolyte because it is mandatory, the electrolyte into the eyes are, I am afraid, will be blind, not Rouca immediately with clean water, good doctor wash treatment. .

使用之前

Before use

元件內容

Components content

開箱可以後，首先，請確認如下東西是否齊全，根據元件，內容有所不同

After opening can, first of all, make sure that the following things are complete, according to components, the content is different

送信機 CDT-2711 元件 (X1)

Messenger CDT-2711 Components

受信機 CDR-2730 元件 (X1)

Receiver CDR-2730 Components

伺服器	CDS-3920 元件	(X2)
Server	CDS-3920 Components	
開關	CDW-011 元件	(X1)
Switch	CDW-011 Components	
電池座 UM-3X2	CDB-011 元件	(X1)
Cell Block	CDB-011 Components	

其他安裝

Other installation

1. 伺服器零件及伺服擺臂

Server components and servo swing

2. 迷你螺絲起子

Mini screwdriver

3. 周波數貼紙

Frequency stickers

4. 操作說明書（本書）

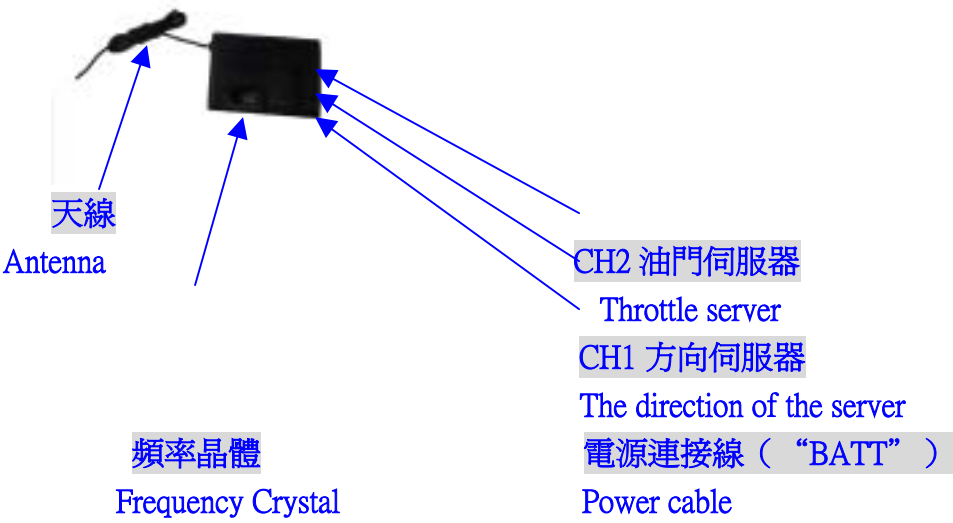
Operation Manual (the book)

對元件內容有不懂或不明白的地方，請想購買店詢問。

The contents of the components do not know or do not understand, please ask to purchase shop.

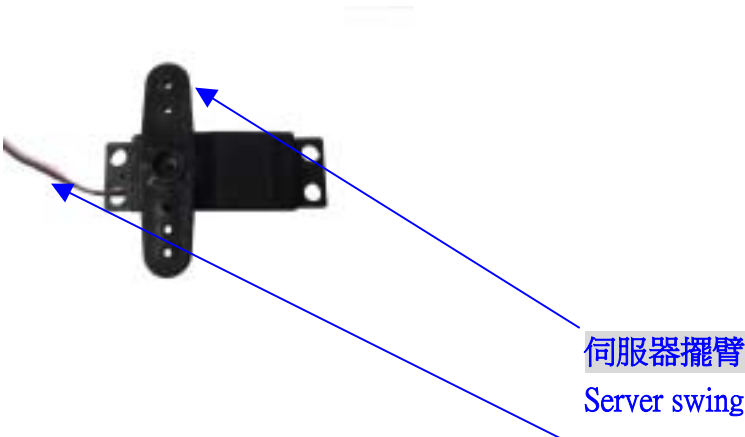
受信機 CDR-2730

Receiver CDR-2730



伺服器 CDS-3920

Server CDS-3920



送信機 CDT-2711

Messenger

各部的名稱/操作方法

The names of ministries / methods of operation



天線 Antenna

左右轉向操作 About to operate

方向微調 The direction of fine-tuning

油門微調 Fine-tuning the throttle

電源開關 Power switch

油門操作 Throttle operation

轉向 D/R Strng Steering D/R

油門正逆轉開關 Throttle switch is reversed

方向正逆轉開關 The direction is reversed switch

放入電池位置 Add to the battery location

電池交換方法

Battery exchange method

<注意>

<Notes>

<1.>乾電池之十一極要正確放入，極性錯誤的話，則送信機毀損

Dry batteries are negative to the right Add to that polar wrong, then the messenger of damage

<2.>不要使用時，乾電池要取下，萬一液漏是請把沾到液漏的外殼或接點好好的擦拭之

When don't use, the batteries should be removed, in case of leakage is to ask the Zhandao the case of leakage or contact of good clean

<關於乾電池的處理方法>

<On the treatment of dry batteries>

<1.>使用完的乾電池之處理方法，根據您所住的地方而不同，請配合您居住地方的處理方法，正確做處理

End the use of the treatment of dry batteries, you have to live under the different places, please meet your place of residence of the approach, the right to deal

<2.>乾電池的處理（使用 8*3 號電池 8 個）

Batteries processing (using the 3# battery)

<3.>乾電池的交換方法:

Batteries of the exchange:

1. 把電池蓋如圖前頭的方向滑動打開

Figure head of the battery cover the direction of sliding open

2. 將電池全部取出

Retrieve all the battery

3. 新電池配合極性表示的方向放入

With the new battery polarity in the direction Add to that

4. 電池蓋滑動關閉

Sliding off the battery cover

<確認>

<Confirm>

<1.>打開電源開關，確認 3 個 LED 要點亮電壓沒上升時，請確認接觸不良或極性錯誤

Open the power switch, LED to confirm three voltage not lit up, make sure that connection is bad or wrong polarity

電池警告表示

Warning that the battery

<1.>電池指示燈（LED）只紅色亮的話，馬上換新電池

Battery indicator (LED) only red light, then immediately replacement batteries

參考規格

Reference Specifications

送信機 CDT-2711

Messenger of CDT-2711

（輸出 2 頻道）

(2 channel output)

送信周波數：27MHz 帶

Messenger Frequency: 27 MHz band

調變方式：AM（振幅調變）

Modulation methods: AM (amplitude modulation)

使用電源 12V（3 號電池 8 個）

Power 12 V (8 *3# batteries)

消費電流：230mA 以下

Electricity consumption: 230 mA the following

尺寸：240 x 160 mm

Size: 240 x 160 mm

標準受信機 CDR-2730

The standard letter-CDR-2730

（2 頻道.AM 受信機）

(2 channel. AM-by letter)

受信周波數：27MHz 帶

Fiduciary Frequency: 27 MHz band

中間周波數：455MHz

Intermediate Frequency: 455 MHz

使用電源：4.8V ~ 6V

Power: 4.8 V ~ 6V

消費電流：23mA（6V 時）

Current consumption: 23 mA (6V)

尺寸：48 x 32 x 23 mm（不包含突起天線）

Size: 48 x 32 x 23 mm (does not contain protruding antenna)

重量：19g

Weight: 19 g

伺服 CDS-3920

Servo CDS-3920

（標準伺服器）

(Standard server)

使用電源：4.8V 或是 6V（和受信機共通）

Power: 4.8 V or 6V (and the letter of common)

消費電流：8mA / 6V 時（停止時）

Current consumption: 8 mA / 6V pm (stop)

輸出壓力：3.2kg.cm (4.8V 時)

Output pressure: 3.2 kg.cm (4.8V)

動作速度：0.23 sec / 60 度（4.8v 時）

Action rate: 0.23 sec / 60 degrees (4.8 v)

尺寸：41 x 20 x 36 mm

Size: 41 x 20 x 36 mm

重量：38.6g

Weight: 38.6g

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

To comply with the FCC RF exposure compliance requirements, this device and its antenna must not be co-located or operating to conjunction with any other antenna or transmitter.