# **Automatic Door Systems**







http://www.kth-automaticdoor.com/ e-mail:kth@kthtw.com 使用說明

**OPERATION INSTRUCTION** 

Ver.Y20231215



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本公司另有以下各類自動門配備,請洽本公司各經銷商

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Our company has the following series of automatic door, pleasecontact with our distributors/representations

圓型門 Round type door



按裝方式請參考圓型門按裝說明

Installation: Please in accordance with the instruction of Round Type Door.



請確認感應器所標示之電壓是否與供給電源相同,若與供給電源 電壓不同時,則感應器需另行加裝變壓裝置否則感應器極易燒 毀,連接完畢後,請再確認一次。

# 🛦 Warning

Please confirm WHETHER the SENSOR VOLTAGE is the same as the power supply. If different between them, need to add the TRANSFORMER, otherwise the SENSOR would be burned. 弧型門 Curved Type Door



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按裝方式請參考弧型門按裝說明 Installation: Please in accordance with the instruction of Curved Type Door.



## 四扇走雙向門 雙扇走單向門

四扇走雙向門 Telescopic 4-winged Sliding Doors.



## 按裝方式請參考四扇走雙向門按裝說明

Installation: Please in accordance with the instruction of Telescopic 4-winged Sliding Doors.

雙扇走單向門 Telescopic 2-winged Sliding Doors.



按裝方式請參考雙扇走單向門按裝說明 Installation: Please in accordance with the instruction of Telescopic 2-winged Sliding Doors.





## 副機關門停留角度SLAVE postpone angle range

### 當主副機執行開門動作時,可設定副機停留的角度大小,以避免主副機之門扇 產生碰撞問題。

When MASTER door is closing in order to avoid the SLAVE door hit it, installer can set the range to postpone the position to SLAVE.

#### 開關設定 小 Setting Little

2000





#### 雙門/主從關係 (KIH) SW-5E DOUBLE DOOR AND MASTER/SLAVE FUNCTION

## A. 雙門示意圖 Double Door



## 請設定二台主機指撥開關 I 第5號的狀態皆為0ff。

Please set all door DIP Switch I No.5 Off.





## B.主從雙門示意圖 Double Door M/S



#### 先執行關門的為主機,其指撥開關 I 的第 5 格 TXD 設為 Off。後關門的為副機,其指撥開關 的 тхр 第5格設為On。

Please set the door which closes first to master RXD (DIP Switch I  $\rightarrow$  No.5 Off), then set the second RXD to close to slave (DIP Switch I  $\rightarrow$  No.5 On)



#### 端子連接方式 Connection **CN11 CN11** $\bigoplus_{i=1}^{n}$ TXD+ € 51 € 52 TXD-Õ $\ominus$ RXD+ $\in$ RXD-

2)

TXD+

TXD-

RXD+

RXD-

(KIH) SW-5E

### 在連接端子後若黃色LED出現閃爍的狀 態,表示連接成功,門扇卽同步開啟與關 態閉

After connecting to terminals, yellow LED flashes to indicate connecting properly. The door leaves will open and close at the same time.

端子連接方式 Connection				
	CN11	CN11		
XD+ XD- XD- XD+ XD-			TXD+ TXD- RXD+ RXD-	
ę	<b>副機</b> Slave	主機 Maste	r	
在連接端子後若黃色LED出現閃爍的狀 態・表示連接成功。 After connecting to terminals, yellow LED flashes to indicate connecting properly.				

## ※在送電前請檢查門片的相關位置是否正確,以免開機測試時發生錯誤。 主機與副機請同時送電,以避免開機的時間差造成開機測試錯誤。

\*Before turn on the power, please inspect the relative positions of the door leaves to avoid error occurs. Please turn on "Master" and "Slaver" at the same time to avoid the time different causes the error.



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產品規格 (TECHNICAL SPECIFICATIONS)

KIH SW-5E



**ENTRY SENSOR** ACTIVATION CN6 13 14 15 16 24V COM сом N.O COM N.O + -HR50



CN5

10

ACT

11

TEST- TEST+

12

7

9

сом

**R** 

#### PREMIER SWING ONDOOR SAFETY (NOT MONITORED)

7

24V

8

сом

CN2				
2	3	4	5	6
СОМ	СОМ	ACT	TEST-	TEST+
POW	сом	N.O	TEST-	TEST+
2	3	4	6	7
	2 COM POW 2	CI 2 3 COM COM POW COM 2 3	CN2   2 3 4   COM COM ACT   POW COM N.O   2 3 4	CN2   2 3 4 5   COM COM ACT TEST-   POW COM N.O TEST-   2 3 4 6

#### HOTRON SSS-5

#### **OPEN FACE SAFETY** (TOPSCAN)

CONTROLLER PANEL **DIP Switch II** No.1 → "ON" SSS-5 **DIP Switch** No.1  $\rightarrow$  "A"  $No.3 \rightarrow "N.C"$ 



## (TOPSCAN)

CONTROLLER PANEL **DIP Switch II** No.4 → "ON" SSS-5 **DIP Switch** No.1  $\rightarrow$  "A"

#### PREMIER SWING ONDOOR SAFETY (MONITORED)

CN2					
1	2	3	4	5	6
24V	СОМ	COM	ACT	TEST-	TEST+
POW	POW	СОМ	N.O	TEST-	TEST+
1	2	3	4	6	7
HOTRON SSS-5					

#### **OPEN FACE SAFETY** (TOPSCAN) CONTROLLER PANEL **DIP Switch II** No.1 → "ON" No.2 →"ON"

SSS-5 **DIP Switch** No.1 → "A"  $No.3 \rightarrow "N.C"$ 

 $No.3 \rightarrow "N.C"$ CN5



**CLOSE FACE SAFETY** (TOPSCAN)

CONTROLLER PANEL **DIP Switch II** No.4 → "ON" No.5 →"ON" SSS-5 **DIP Switch** No.1 → "A"  $No.3 \rightarrow "N.C"$ 

種類	外推式(Outward)	内拉式 (Inward)	
ТҮРЕ	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
門扇重量/寬度 DOOR WEIGHT & WIDTH	最大値: Max. 最小値:● Min.	mm 2000 1500 000 200 50 100 200 300 400 kg	
馬達	DC24V 120W 直流無刷馬達		
MOTOR	DC24V 120W BRUSH	ILESS DC MOTOR	
控制器	微電腦化處理機控制器		
CONTROL	STANDARD MICRO-CONTROLLER		
消耗電量 POWER CONSUMPTION	120W		
電源電壓 VOTAGE	AC100V~240V		
環境溫度 ENVIRONMENTAL TEMPERATURE	-20°C ~ +50°C		
<b>噪音量</b> VOLUME	最大 55 分貝 55 decibel(max.)		
開啟速度 SPEED of OPENING 90 DEGREE	最大值:3 秒 ~ 15 秒 / 90° 3~15 sec. 90°Max		
開啟時間 STARTING TIME	<b>可調 0 秒至 20 秒</b> 0~20 sec. (Regulable)		
傳動要件 TRANSMISSION IMPORTANT CONDITION	外推式連桿組 Outward Arm assembly	內拉式滑動槽 Inward Arm assembly	
開門幅度	依門檔位置而定		
OPENING DOOR RANGE	Depends on stoppers position		
PFC 功率因素 POWER EFFICIENCY	0.95(AC100V全載時) 0.95 (In full load)		
手推開啟力量 TRACTION FORCE	3 kg		

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KIH) SW-5E

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門機組各部件說明 (DESCRIPTION of OPERATOR) 2 (KIH) SW-5E

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關閉

![](_page_7_Figure_1.jpeg)

Z

各旋鈕功能說明

![](_page_8_Picture_0.jpeg)

![](_page_9_Picture_0.jpeg)

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![](_page_10_Figure_0.jpeg)

![](_page_11_Picture_0.jpeg)

內拉式左側開門方向 Mounting (eg.for Left Open,Top View)

![](_page_11_Picture_2.jpeg)

內拉式右側開門方向 Mounting (eg.for Right Open,Top View)

![](_page_11_Figure_4.jpeg)

![](_page_11_Figure_5.jpeg)

<u>滑動槽上蓋</u> Sliding cover 定位擋片

✓ Stopper