Data structure operation

Open Powertip software then you can see the entry screen. Select new project



Create project environment

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i•€	🖳 New Project			瀏覽資料夾
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Press "OK" to complete

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Exit and save project

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Confirm the setting is completed



Check setting is correct ?

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Edit the picture into the environment (Only support JPEG format)

Button function description



Group button→ Add Frame or Picture

Image object \rightarrow Frame picture object select

Rotate object → Frame rotate object select

Switch object → Frame symbol display object select

Button object → Frame button object select



Making graphic control data (EX: Dashboard *.jpg)



After software combination



Making graphic control data (EX: Menu *.jpg)



After software combination

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Put a lot of pictures to play

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Save and exit, copy files to memory, put in the control board.



Power on control board and connected to RS232(PC), First see logo picture



Command control program

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aw Function 'm Sime: Xa: Ya: Xb: Yb: Draw Line 1 Set Pen Size 0 0 0 0 Daw Box 0 0 0 Fill Carde Fill Carde	Set Line Style Buzzer Syle: Stat Style On Off RTC Control
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Show Frame 0



Touch	"Coffee" firmware transfer " 30 00 01"
Touch	"Dashboard" firmware transfer " 30 00 02"
Touch	"Cooking" firmware transfer " 30 00 03"
Touch	"Smart Home" firmware transfer " 30 00 04"
Touch	"Picture play" firmware transfer " 30 00 05"

Show Frame 1



Command control program change display object



For detailed specifications, please refer to the command table.

Firmware setting operation

Update Firmware form SD or eMMC

Connect USB & RS232 to the control board, open communication software.



Power on and transfer code "AA 58 00 C3"

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See the folder through the computer, put the "conprog.bin" file in the update folder

Power off and then power on

Transfer the "AA 5A 00 C3" code to the control board and wait for the system to respond with "10 02" to indicate that the update is complete.

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Format SD / eMMC by Firmware

Transfer the **"AA 5F 00 C3"** code to the control board and wait for the system to respond with "10 02" to indicate that the **"Format"** is complete

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Firmware version confirmation

Transfer the "AA 5C 00 C3" code to the control board and wait for the firmware

response	dat	а
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