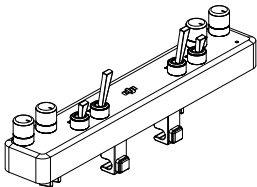


MATRICE 600 SERIES

Remote Controller Channel Expansion Kit 遥控器通道扩展组件

User Guide
使用说明

V1.0 2016.12



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Warning

1. Ensure that each of the knobs / switches is in its safe position before powering on the remote controller.
2. Ensure that all the flat cables inside the module are connected correctly and securely.

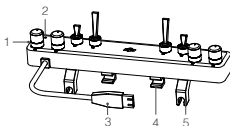
3. Ensure that the remote controller firmware is up to date.
4. Connect the CAN cable of the expansion module and make sure your DJI GO™ app is up to date so that the module firmware can be updated when updating the remote controller firmware.
5. None of the channels is mapped on delivery. Channel mapping must be completed in the “Tools” page of DJI ASSISTANT™ 2.

Introduction

The MATRICE™ 600 Series Remote Controller Channel Expansion Kit is compatible with the DJI Matrice 600 series remote controller and includes eight knobs/switches. More control functions will be available after channel mapping in DJI Assistant 2.

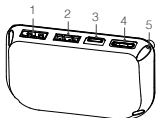
Overview

Channel Expansion Module



1. S1 - S8 Knob / Switch
S1, S2, S7, S8 are knobs, S3, S6 are 3-position switches, and S4, S5 are spring-loaded switches.
2. Status LED
Solid Green: Functioning normally.
Solid Red: Check if the flat cables inside the RC port module are connected correctly and the RC firmware is up to date.
LED Off: RC is powered off; if RC is powered on, check if the CAN cable is in good condition and securely connected.
3. CAN Cable
4. Horizontal Slots
5. Vertical Slots

RC Port Module



1. USB Port
2. CAN Port
3. Micro USB Port
4. HDMI Port
5. Mounting Holes

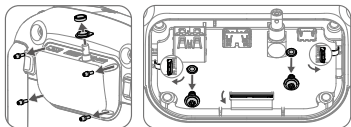
Installation

Tools Required: 1.5mm Hex Key, Phillips Screwdriver

Mounting the RC Port Module

Remove the Original Module

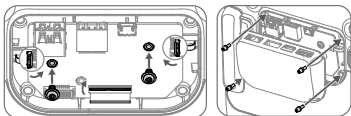
1. Remove the four screws on back of the remote controller with a 1.5mm hex key.
2. Remove the metal ring around the SDI port by rotating it counter-clockwise with the special wrench in the package, remove the plastic ring under the metal ring, and then remove the shell of the module.



3. Remove the two screws on the PCB (Printed Circuit Board) inside the module with a Phillips screwdriver.
4. Release the black buckles on each port of the three flat cables, unplug the cables, and then remove the PCB.

Mounting the New Module

1. Insert the PCB of the new module into the back of the remote controller. Connect the three flat cables and lock the black buckles. DO NOT twist the flat cables. Then tighten the two screws.
2. Mount the shell of the new module, and then tighten the four screws.



Mounting the Channel Expansion Module

1. First, insert the handle of the remote controller into the horizontal slots. Then press the module downward to insert the handle into the vertical slots.
2. Plug the CAN cable to the CAN port.



3. Power on the remote controller and wait for a few seconds. The Status LED will go solid green, indicating that the module is functioning normally.

Please refer to <http://www.dji.com/service> for after-sales service for your product where applicable.

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注意事项

1. 每次使用前确保所有旋钮 / 开关均处于安全位置，然后再开启遥控器。
2. 务必确保模块内部所有排线安装正确及牢固。
3. 确保遥控器固件已更新至最新版本。
4. 升级遥控器固件时确保扩展模块 CAN 连接线已连接且 DJI GO™ App 已更新至最新，以同时升级模块固件。

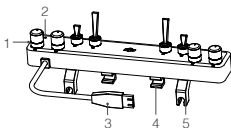
5. 设备出厂时未映射任何通道，需在 DJI ASSISTANT™ 2 调参软件的“工具”页面进行通道映射。

简介

MATRICE™ 600 系列遥控器通道扩展组件是一款适配于 DJI Matrice 600 系列遥控器的配件，共含有 8 个旋钮 / 开关。用户可通过 DJI Assistant 2 调参软件进行通道映射，从而获得更多控制功能。

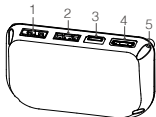
部件名称

通道扩展模块



1. S1 - S8 旋钮 / 开关
S1、S2、S7、S8 为旋钮，S3、S6 为三位开关，S4、S5 为回弹开关
2. 状态指示灯
绿灯常亮：正常工作
红灯常亮：检查遥控器接口模块内部排线是否连接正确、遥控器固件是否已更新至最新版本
灯熄灭：遥控器未开启；若遥控器已开启，检查 CAN 连接线是否完好且连接牢固
3. CAN 连接线
4. 水平卡扣
5. 竖直卡扣

遥控器接口模块



1. USB 接口
2. CAN 接口
3. Micro USB 接口
4. HDMI 接口
5. 安装孔

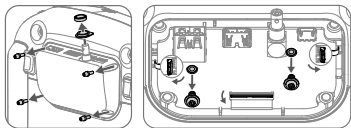
安装

自备工具：1.5mm 内六角扳手、十字螺丝刀

安装遥控器接口模块

拆下原有模块

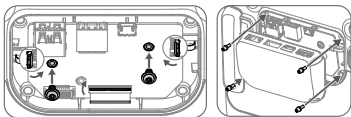
1. 使用 1.5mm 内六角扳手移除遥控器背面接口模块的 4 颗螺丝。
2. 使用包装内的特制扳手逆时针旋转 SDI 接口上的金属固定环将其移除，再移除下方的塑料固定环，然后移除遥控器接口模块的外壳。



3. 使用十字螺丝刀移除遥控器接口模块内部 PCB 板的 2 颗螺丝。
4. 打开 3 根排线接口处的黑色卡扣，轻轻拆下排线，然后移除 PCB 板。

安装新模块

1. 将新模块的 PCB 板嵌入遥控器，重新连接 3 根排线，并锁住接口处的黑色卡扣，注意不要扭转排线，然后拧紧 2 颗螺丝。
2. 安装新模块的外壳，然后拧紧 4 颗螺丝。



安装通道扩展模块

1. 首先将水平卡扣卡在遥控器提手上，然后向下用力使竖直卡扣卡在遥控器提手上。
2. 将 CAN 连接线插入 CAN 接口。



3. 开启遥控器并等待几秒后，通道扩展模块的状态指示灯绿灯常亮，表示可以正常使用。

浏览 <http://www.dji.com/service> 以获取产品的售后信息。

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FCC Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

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

EU Compliance Statement

SZ DJI TECHNOLOGY CO., LTD. hereby declares that this device is in compliance with the essential requirements and other relevant provisions of the EMC Directive.

A copy of the EU Declaration of Conformity is available online at www.dji.com/euro-compliance



EU contact address: DJI GmbH, Industrie Strasse. 12, 97618, Niederlauer, Germany

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