

BTU (Bluetooth Unit) Manual v1.02

BTU Bluetooth Unit is used with NM Assistant for wireless communication between the autopilot system and mobile device. For NAZA-M Firmware V3.16 or above.

Supported Mobile devices

iPhone 4s、iPhone 5、iPod touch5、iPad mini、iPad3、iPad4

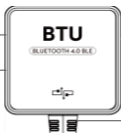
Specifications

Bluetooth version	4.0 or above	Weight	17g
Communication distance	50m	Consumption	240mw(0.04A@6V)
Environment temperature	-10℃~+50℃	Dimensions	25.4mm×25.4mm×7.2mm

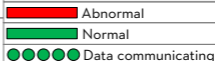
Step 1: Connection

Connect the BTU to NAZA PMU V2 (Accessory of NAZA-M V2)

Antenna, the side with LOGO should be facing upwards when mounting, and avoid blocking.





BTU Status Indicator



CAN-Bus port , for power supply and communication





Step 2: Usage of NM Assistant

1. Search the NM Assistant in App store on mobile device, or scan the QR code on package to download the App and install it.	
2. Enable the Bluetooth function on the mobile device.	
3. Power on the autopilot system, make sure the BTU Status Indicator is solid Green.	
4. Run the NM Assistant. You may be asked to register through internet when first login (the account of PC Assistant software is OK for login); follow the tips to set Main Controller name and password.	

5. Make sure NM Assistant and autopilot system connect successfully.	
6. Set flying parameters in NM Assistant.	

Step3: Flying test

Prepare the aircraft and make sure all connections are ok. Start Motors to takeoff the aircraft.

	View flying parameters.		Set gain value.
	Set gimbal parameters.		
	Only gain value and gimbal parameter are available to configure during flying; other parameters can be set only after landing.		

FAQ

Problems	Reasons	Solutions
Status Indicator of BTU is not solid Green on.	Firmware of MC is out of date.	Please update firmware.
	BTU and autopilot system connection failure.	Please check the connection.
	BTU damage.	Please contact your dealer.

CE Statement

Due to the used enclosure material, the devices shall only be connected to a USB.

Interface of version 2.0 or higher. The connection to so called power USB is prohibited.

Hereby, SZ DJI TECHNOLOGY CO. LTD declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

CE 0700

FCC Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

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.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.