

FS-BOX-V4

FIRMWARE UPGRADE TOOL KIT

Quick Start Guide **V4.0**

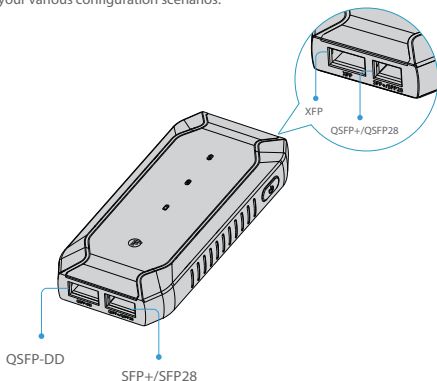
Quick-Start Anleitung

Guide de Démarrage Rapide

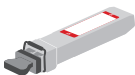
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1 Introduction

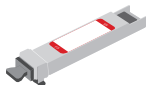
FS-BOX-V4 is recommended to work with FS Transceivers & DAC/AOC Cables. It is designed to achieve multiple functions such as online configuration compatibility, diagnosing and troubleshooting, wavelength tuning for tunable transceivers, etc. With built-in rechargeable lithium-ion batteries, supporting operate on APP via Bluetooth and computer via USB, to meet your various configuration scenarios.



2 Supported Transceiver Type



SFP+/SFP28



XFP



QSFP+/QSFP28



QSFP-DD

3 Connection instructions

App: Scan the QR code, download and install the FS app. For those who have installed the FS app, you can directly find the 'Tool' section at the bottom of the page, click 'Go to Configure' in the Tool section, and connect to FS-BOX-V4 via the prompts for the app. (Detailed steps can be found in APP Operation)

Web: Login to fsbox.com, connect the FS-BOX-V4 to your PC via USB, download the driver and finish the installation. (Detailed steps can be found in Web Operation)

4 Operation Instructions

① APP Operation

〈1〉 Scan FS Box

Step 1: Download FS App.



5 Hardware Instructions

- <1> Short press the power button: Power on
- <2> Press the power button for 2s: Power off
- <3> After powering (Short press the power button or powering via USB), the Bluetooth will be enabled automatically.
- <4> Indicator Light instructions

● Power Indicator

Power Indicator	Operation
Off	Power Off
Always Red	Low Battery
Always White	Normal Charge / Fully Charged
Breathing White	Charging

● Bluetooth Indicator

Bluetooth Indicator	Operation
Off	1. Box is not powered on 2. Box power is low 3. Box is paired with computer
Red Light	Waiting for Matching
White Light	Matching Success

● Status Indicator

Status Indicator	Operation
Breathing White	No Inserted
Always White	1. Reading Succeed 2. Configuration Succeed
Always Red	1. Reading Failed 2. Configuration Failed
Blinking White	In Configuration

Note:

Timed Powered Off: The FS Box will be automatically powered off if there is no operation for 15 minutes (No USB powering)

No operation Included:

- 〈1〉 Not connected with the mobile phone via the Bluetooth
- 〈2〉 Not inserted the transceiver, while Bluetooth connected
- 〈3〉 Bluetooth connected, and inserted the transceiver, but no next operation

Safety Information.

- 〈1〉 Review the user guide before using FS BOX.
- 〈2〉 Avoid using in a dusty, damp, or near a magnetic field.
- 〈3〉 Built-in rechargeable lithium-ion batteries, don't attempt to replace the battery yourself. Keep it away from fire, excessive heat, and direct sunlight. Do not disassemble, modify, throw, or squeeze it.
- 〈4〉 The lithium-ion battery in your FS BOX must be recycled or disposed of separately from household waste, you should dispose of the batteries according to your local environmental laws and guidelines.

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.

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction