ANYCUBIC Anycubic Kobra S1 Combo

Anycubic Kobra S1 Combo Multicolor 3D Printer User Manual

Brand: ANYCUBIC

Model: Anycubic Kobra S1 Combo

Product Overview

The Anycubic Kobra S1 Combo is a high-speed 3D printer designed for efficient and versatile 3D printing. It features advanced capabilities such as multi-color printing, active filament drying, and intelligent monitoring systems to ensure high-quality prints.

- **Multicolor Printing:** Capable of 4-color printing, expandable to 8 colors with additional Anycubic Ace Pros.
- **Anycubic Ace Pro:** Features active drying, intelligent multi-filament drying, and anti-entanglement design for optimal filament condition.
- **High Speed & Hotend:** Achieves speeds up to 600mm/s with a 320°C high-temperature hotend, supporting various filaments including ABS and ASA.
- **Intelligent System:** Built-in camera for AI monitoring, belt tension monitoring, and seamless operation.
- **Ecosystem Integration:** Compatible with Anycubic Slicer Next and Anycubic App for remote control, time-lapse recording, and access to free model resources.

The Anycubic Kobra S1 Combo 3D Printer, shown with the Anycubic Ace Pro filament drying and management system. This setup enables multi-color printing and ensures optimal filament conditions.

SETUP GUIDE

Initial Power On and Calibration

Follow these steps for the initial power-on and calibration of your Anycubic Kobra S1 Combo 3D Printer.

1. **Power On:** Locate the power switch at the back of the printer and turn it on. The touchscreen will display the Anycubic logo as it boots up.

2. **Language Selection:** Once booted, select your preferred language (e.g., English) from the touchscreen menu.

3. **Region Selection:** Choose your region (e.g., Global) to proceed.

4. **Insert U-Disk:** Insert the provided USB drive into the designated port on the printer. This drive contains necessary files for self-testing and calibration.

5. **Self-Test & Calibration:** The printer will guide you through a self-test process, including X, Y, and Z-axis detection. This process is expected to take approximately 10 minutes. Ensure the printer is placed on a stable surface and avoid touching it during this process. The bed will move up and down, and the print head will move back and forth to perform input shaping and auto-leveling.

6. **Nozzle Wiping & Probing:** The printer will preheat, wipe the nozzle in the corner, and then probe the hotbed for leveling. This ensures a clean nozzle and accurate bed leveling for optimal print adhesion.

Your browser does not support the video tag.

Official video demonstrating the initial power-on, self-test, and calibration process for the Anycubic Kobra S1 Combo 3D Printer. This includes axis detection, input shaping, and auto-leveling procedures.

Filament Loading with Anycubic Ace Pro

The Anycubic Ace Pro allows for multi-color printing and keeps your filament dry. Here's how to load filament:
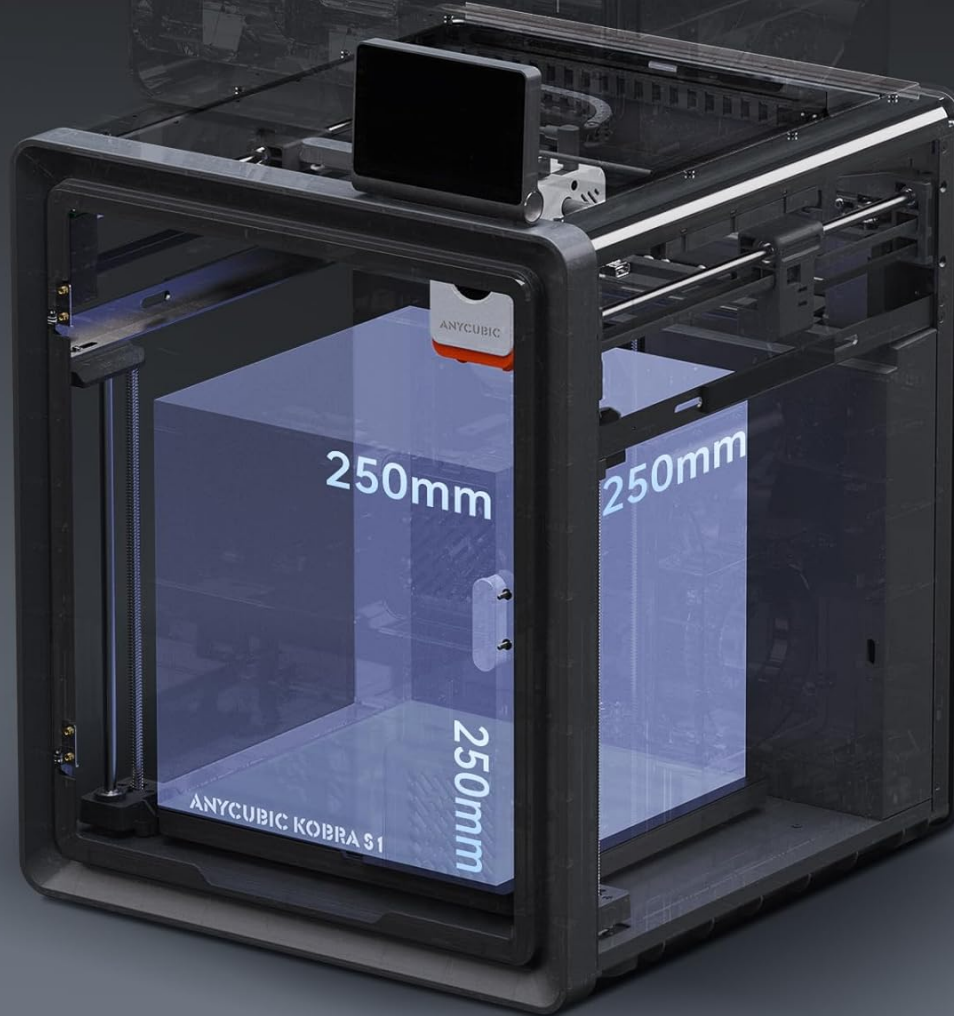
1. **Power On Ace Pro:** Locate the power button on the Anycubic Ace Pro and turn it on. The unit will light up.

2. **Open Lid:** Open the transparent lid of the Anycubic Ace Pro.

3. **Insert Filament Spool:** Place a filament spool into one of the numbered slots. Ensure the filament end is cut cleanly.

4. **Feed Filament:** Gently feed the filament into the corresponding numbered slot until the Ace Pro senses it and automatically pulls it in. The system will recognize the filament type and color if it's an RFID-enabled Anycubic spool.

5. **Close Lid:** Close the lid and lock it securely.

6. **Activate Dryer (Optional):** On the printer's touchscreen, navigate to the filament settings. You can toggle the "Dryer" option to activate the drying function within the Ace Pro, which helps maintain optimal filament condition.

Drying & Printing at the Same Time

The Anycubic Kobra S1 Combo operating with the Anycubic Ace Pro, demonstrating simultaneous drying and printing capabilities. The Ace Pro ensures filament is kept in optimal condition.

Fully Enclosed CoreXY Construction

A view of the fully enclosed CoreXY construction of the Anycubic Kobra S1 Combo, highlighting its robust design and 250x250x250mm build volume.

The Anycubic Kobra S1 Combo demonstrating its capability for stunning 4- or 8-color printing. Note: 8 colors require two Anycubic Ace Pro units.

OPERATING INSTRUCTIONS

Touchscreen Interface Navigation

The printer features an intuitive touchscreen interface for easy operation.

- **Local:** Access pre-loaded test models and other files stored directly on the printer.
- **U-Disk:** Browse and print models from a connected USB drive.
- **Cloud:** Connect to the Anycubic cloud service to access and manage models remotely (requires network connection).
- **History:** View a log of previously printed models.

Printing a Model

To start a print, select a model from the 'Local' or 'U-Disk' sections. The screen will display print time, material consumption, and hotbed/nozzle temperatures. You can adjust settings like auto-leveling, input shaping, time-lapse, and dryer options before starting.

The Anycubic Kobra S1 Combo is a master of mainstream filaments, offering perfect support for ASA/ABS, PLA, PETG, and TPU (TPU only for stand-alone printers).

600mm/s Speed, Complete Benchy in 15mins

Recommended print speed:	Maximum print speed up to:	Maximum acceleration up to:
300mm/s	600mm/s	20000mm/s^2

Experience ultra-fast printing with the Anycubic Kobra S1 Combo, reaching speeds of 600mm/s and completing a Benchy print in just 15 minutes.

Making Progress, Not Noises

Standard Mode 46dB | Quiet Mode 44dB

The Anycubic Kobra S1 Combo is designed for quiet operation, with noise levels as low as 44dB in quiet mode, allowing you to make progress, not noises.

Makeronline,
Many Free Model Resources

Access a vast universe of free model resources through Makeronline, Anycubic's self-operated model library, compatible with the Kobra S1 Combo.

Upgrade to Version 2.4.8.3 or Latest Version Firmware to Unlock More Functions

Upgrade now to experience smoother, quieter, and more efficient printing!

1.Connect to WiFi and then Upgrade Firmware. For more detailed guidance, please find the "Product guides and documents" on the listing page, and then click on "User Guide (PDF)"

2.Please scan the QR code on the device, search"Kobra S1- Firmware update guide"check the operation instruction and download the Firmware.

OTA Upgrade
Connect to WiFi

Contact After-sales Team

Firmware
**Kobra S1 Version
2.4.8.3 or Latest Version**

Upgrade your Anycubic Kobra S1 Combo to Firmware Version 2.4.8.3 or the latest version to unlock more functions, including smoother, quieter, and more efficient printing. Connect to Wi-Fi for OTA upgrade or scan the QR code for manual firmware download.

MAINTENANCE

Hotend and Nozzle Care

The 320°C full-metal hotend is designed for easy disassembly and is clog-free. For optimal performance, ensure the nozzle is clean before each print. The printer features an automatic nozzle wiping function.

Firmware Updates

Regularly check for and install firmware updates to ensure your printer operates with the latest features and improvements. Updates can be performed via Over-The-Air (OTA) by connecting to Wi-Fi, or by downloading the firmware manually using a QR code provided in the printer's interface.

Intelligent System Monitoring

The built-in AI Intelligent Guard system monitors for anomalies like "spaghetti" failures and continuously checks belt tension to prevent disruptions, ensuring precision and reliability. Keep the printer's internal camera lens clean for accurate monitoring.

TROUBLESHOOTING

If you encounter issues with your Anycubic Kobra S1 Combo, consider the following common troubleshooting steps:

- **Print Quality Issues:**

  - Check filament drying status in Anycubic Ace Pro.
  - Ensure the print bed is properly leveled (perform auto-leveling if needed).
  - Verify nozzle temperature and hotbed temperature settings for your specific filament type.
  - Inspect the nozzle for clogs and clean if necessary.

- **Filament Feeding Problems:**

  - Ensure filament is correctly loaded into the Anycubic Ace Pro and fed into the printer.
  - Check for tangles on the filament spool.
  - Verify the filament detector is clean and functioning.

- **Printer Malfunctions:**

  - Perform a system restore to factory settings if software issues persist (Note: this will delete all settings and files).
  - Contact Anycubic's after-sales support for further assistance.

PRODUCT SPECIFICATIONS

Feature	Specification
Product Dimensions	20 x 20 x 25 inches
Item Weight	2.2 pounds (1 Kilograms)
Item Model Number	Anycubic Kobra S1 Combo
Supported Filament	PLA, PETG, TPU, ABS, ASA
Recommended Print Speed	300mm/s
Max Print Speed	600mm/s
Max Acceleration Speed	20000mm/s²
Hotend Temperature	320°C

Heat Bed Temperature	120°C
Nozzle Diameter	Standard 0.4mm (Supports 0.2/0.6/0.8mm expansion)
Auto-Leveling	Full-Auto
Noise Level	≤48dB
Compatible Devices	Personal Computer
Operating System	Linux

WHAT'S IN THE BOX

- 1 x 3D Printer

WARRANTY AND SUPPORT

ANYCUBIC is committed to delivering quality 3D printing products and offers professional after-sales technical support. For any inquiries or assistance, please refer to the service support options available on your printer's settings menu or visit the official ANYCUBIC website.

Related Documents - Anycubic Kobra S1 Combo

PDF	**Anycubic Slicer User Guide** A comprehensive user guide for the Anycubic Slicer software, detailing system requirements, installation, configuration, slicing, and remote control features for Anycubic 3D printers.
PDF	**Anycubic Kobra S1 Combo User Manual: Setup, Operation & Technical Guide** Your essential guide to the Anycubic Kobra S1 Combo 3D printer. Learn about installation, software, printing, maintenance, and technical specifications for optimal performance.

[Anycubic Kobra 3 Combo User Manual](#)
User manual for the Anycubic Kobra 3 Combo 3D printer, covering product overview, machine installation, power-on guide, printer binding, printing, other functions, maintenance, and important attention points.

[Anycubic Kobra S1 Combo User Manual - Setup and Operation Guide](#)
Comprehensive user manual for the Anycubic Kobra S1 Combo 3D printer, covering product overview, machine installation, power-on guide, print model setup, printer binding, and important safety information.

[Anycubic Kobra 3 User Manual: Setup, Operation, and Maintenance Guide](#)
This comprehensive user manual provides detailed instructions for setting up, operating, and maintaining the Anycubic Kobra 3 3D printer. It covers installation, software configuration, first print, advanced functions, and troubleshooting for optimal performance.

[Anycubic Kobra S1 Combo 3D Printer User Manual](#)
Comprehensive guide for setting up and operating the Anycubic Kobra S1 Combo 3D printer, covering installation, software setup, loading filament, first print, and other features.