EC MAX User Manual

Please carefully read this manual before using the printer, and keep it properly

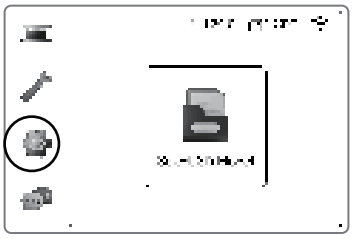
EC MAX SPECIFICATIONS

Body	Package Dimensions (W×D×H)	492×466×620mm	Filament	Supported Multi-colors	Body(1), External Filament Tower (5)
	Product Dimensions (W×D×H)	415×390×525mm		Info Reading	Scan QR Code
	Gross Weight	20 kg		Built-in Drying System	Desiccant
	Net Weight	16 kg		Supported Materials	PLA, PETG, ABS, TPU, etc. Recommend to use KOKONI original filaments
	Build Volume (W×D×H)	210×210×200mm			
	Chassis	ABS Spray Paint			
Hot End	Nozzle Material	Hardened Steel	Hardware	LED Lighting	Side of Build Plate, Side Housing
	Nozzle Diameter	0.4mm			
	Max Nozzle Temperature	300℃		Chamber Monitoring Camera	1.0 MP
Heated Bed	Build Plate	Coated Soft Magnetic Steel Plate		Scan Camera	Filament QR Code Reading
	Max Build Plate Temperature	110℃	Electronics	Display	3.5″ Touch Screen
	Auto-levelling	✓		OTA	✓
Speed	Max Speed of Tool Head	600mm/s		Connectivity	Wi-Fi (2.4 GHz) / Bluetooth (4.2)
	Max Acceleration of Tool Head	20000mm/s²		Storage	4G
	Max Hot End Flow	32mm³/s@ABS Model: 150*150mm singlewall Temperature: 280℃		Control Interface	3.5″ LCD Touch Screen, Phone APP, PC Plugin/Software
Cooling & Filter	Chamber Cooling Fan	✓		Motion Controller	Quad-core 1.8 GHz
	Air Filter	HEPA+Activated Carbon Bilayer Filter Cotton		Application Processor	1.0 TOPS NPU
Electrical Requirements	Voltage Range	AC 100-250V, 50/60Hz		USB	USB 2.0 U Disk Socket, External Filament Tower Socket
	Typical Current	3.5A/115VAC, 1.8A/220VAC			
	Rated Power	350W			
Software	Slicer	KOKONI 3D APP & KOKONI 3D Plugin, Support mainstream modeling software such as Solidworks, SketchUp, CATIA, Blender. Support third party slicers which export standard G-code such as Orca slicer, Prusaslicer, Cura and Slic3r. But some functions may not be supported while using third party slicers.			
	File Format (Import)	STL / OBJ / 3MF / JPG / PNG (KOKONI Software) 3DS, FBX, STEP, IGES, X_T, skp, CATPart, CATProduct, SLDPRT, SLDASM, Blend (Need to use third party modeling software with KOKONI Software)			

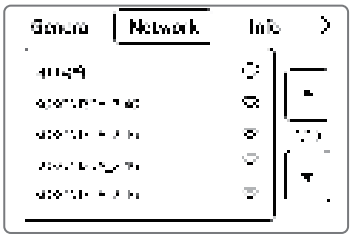
INSTALL APP

1. Scan to download APP
2. Signup, login

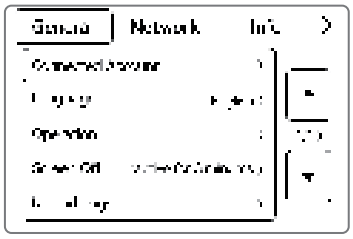
CONNECT TO PRINTER



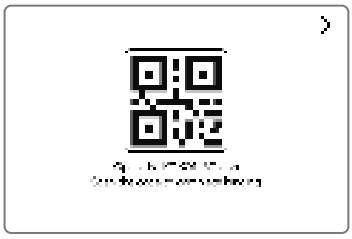
1. Connect the power cord to the socket and turn on the power switch.



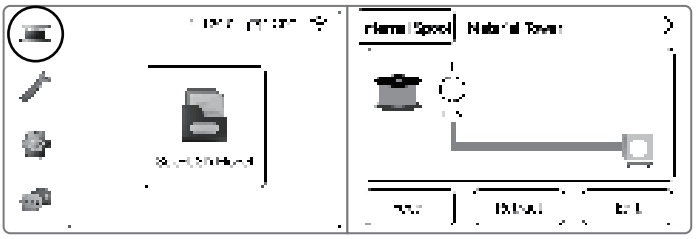
2. Choose【Setup】-【Network】on screen, connect to available WiFi



3. Choose【Setup】-【Universal】-【Bind Account】on screen to get a QR-code used for binding. Open the KOKONI APP, scan in app to finish binding.



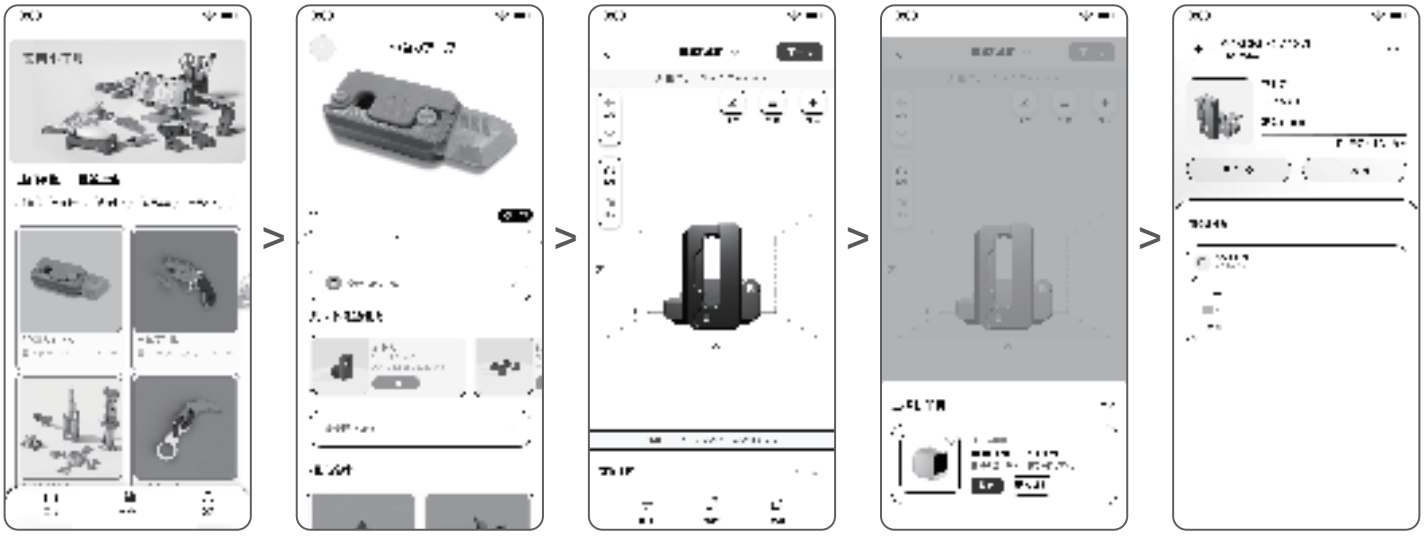
INSTALL FILAMENT



1. Choose【Filament】-【Feed】on screen

PRINT MODEL

• APP Online Print

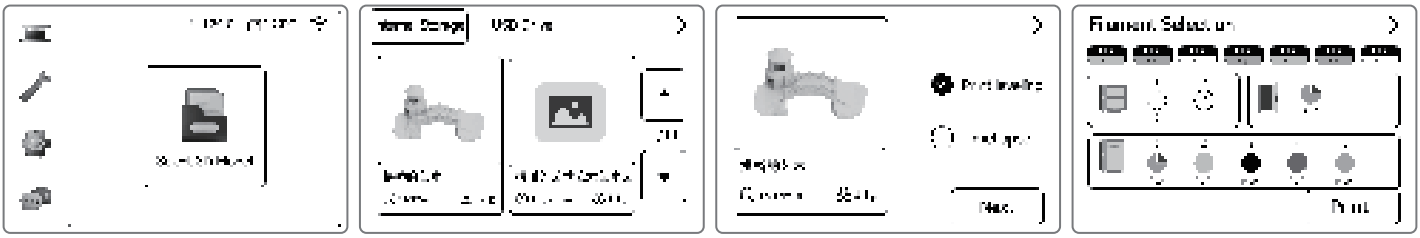


1. Select your ideal model from model gallery in app.
2. Click Print in model details page.
3. Model edit
4. Select a printer, click to start printing.
5. While printing, it supports Pause or Cancel.

Attention:

To avoid injuries, don't touch moving parts like print head and build plate. The nozzle has high temperature. If the printing process is abnormal, please click Cancel or turn off the power.

• Print Built-in Models



1. Select 【File】 on screen
2. Pitch on a file.
3. Finish the pre-setup
4. Start printing

FCC Statement:
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. 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 guarant ee 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.
To satisfy FCC RF exposure requirements, a separation distance of 20cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended.