V1.0

HALOT-X1 Combo

3D Printer Quick Start Guide

Please refer to this guide to complete the installation and printing of the printer.

*Safety Notice: Do not power on the printer before installation is complete.

HALOT-X1 Component

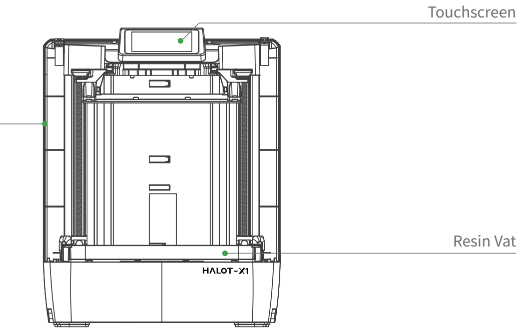
Rear Case

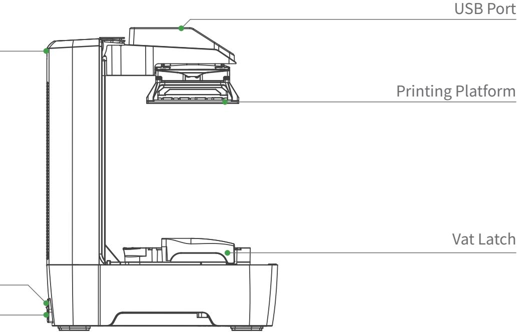
AFU Interface

Power Switch

Power Port

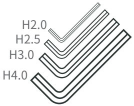
Introduction

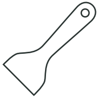

Touchscreen
HALOT-X1
Resin Vat

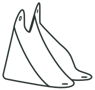

USB Port
Printing Platform
Vat Latch

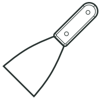
List of Accessories

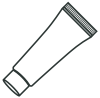
USB Drive ×1

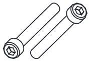

H2.0
H2.5
H3.0
H4.0
Hex Keys ×4

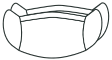

Plastic Scraper ×1


Filters ×4


Metal Scraper ×1


Lubricant ×1


Spare Screws


Respirator ×2

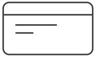
Quick Start Guide ×1

Qualified Certificate ×1

Tray ×1

Power Cable ×1

Gloves ×4

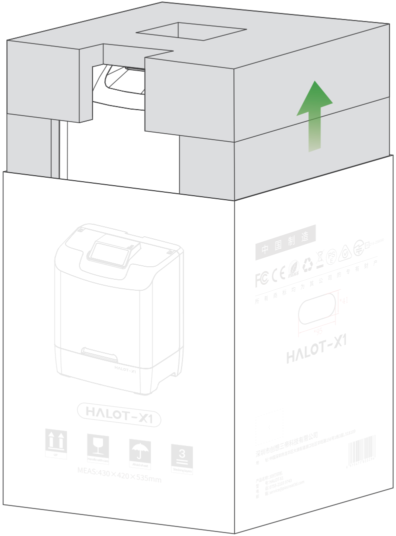


After-Sales Service Card ×1

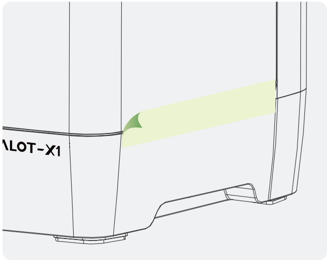
HALOT-X1 Quick Start Operation Schematic

① Lift upward to remove protective corner pads and packaging materials; Remove the power cable, Quick Start Guide, and accessory tray.

Video Tutorial

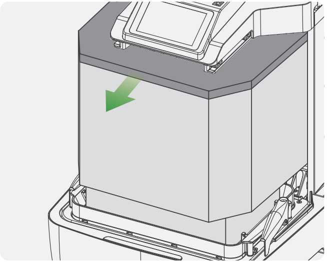

HALOT-X1
HALOT-X1
MEAS:430×420×535mm

HALOT-X1 Quick Start Operation Schematic



Remove the tape between the transparent cover on both sides of the device and the base.

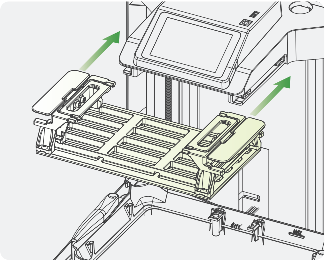
2



Remove the top black foam before the white foam.

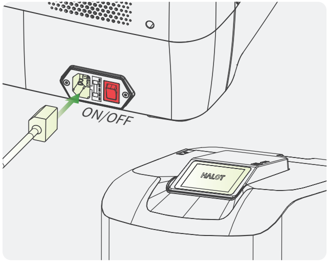
3

4



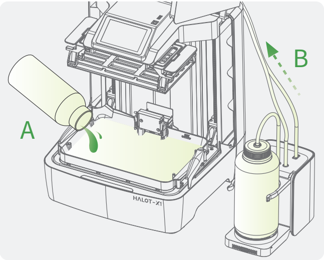
Install the printing platform along the slot.

5


ON/OFF
HALOT

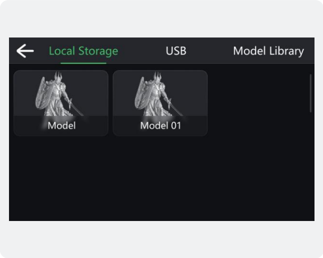
Connect the power cable and switch on your HALOT-X1.

HALOT-X1 First Printing

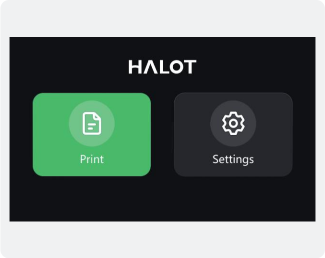


A (pour resin into the resin vat) or
B (let AFU manage the resin feed).

*HALOT series resins are recommended for the first print.


Local Storage
USB
Model Library
Model
Model 01

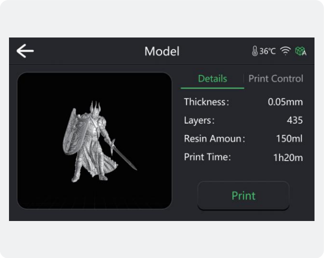
Select the pre-sliced file stored in the device.


HALOT
Print
Settings

Tap “Print” on the home page.

❶ ❷

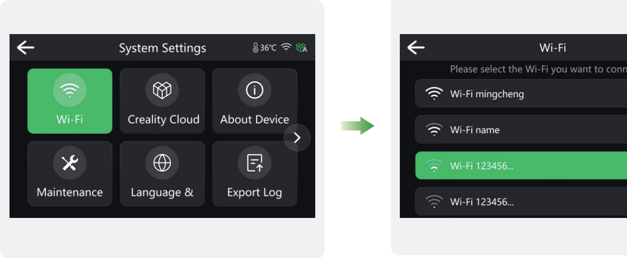
❸ ❹


Model
36℃
Details
Print Control
Print

Thickness: 0.05mm
Layers: 435
Resin Amoun: 150ml
Print Time: 1h20m

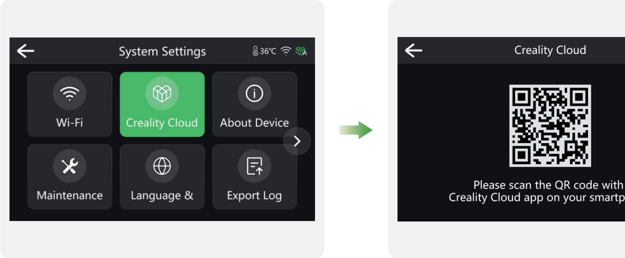
Click "Print" to start the first print.

HALOT-X1 Networking, Access to the Cloud


System Settings
36℃
Wi-Fi
Creality Cloud
About Device
Maintenance
Language &
Export Log
Wi-Fi
Wi-Fi mingcheng
Wi-Fi name
Wi-Fi 123456...
Wi-Fi 123456...

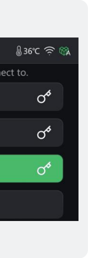
Please select the Wi-Fi you want to conn

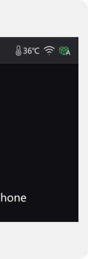
In the main interface of the device, go to “Settings” → “System Settings” → “Wi-Fi”, select the Wi-Fi you want to connect to, and network the device.


System Settings
36℃
Wi-Fi
Creality Cloud
About Device
Maintenance
Language &
Export Log
Creality Cloud

Please scan the QR code with
Creality Cloud app on your smartp

Install the "Creality Cloud" app on your smartphone → Register an account;
In the main interface of the device, go to “Settings” → “System Settings” → “Creality Cloud”,
and use the Creality Cloud app to scan the code to bind the device.





HALOT-X1 Combo

Enjoy!

Please visit the PioCreat website for more machine operation and maintenance tutorials.

Note：The UI interface is only for reference, and shall be subject to the actual UI.

Software Installation

HALOT BOX

Download the installation package from **www.piocreat3d.com**
Read the installation package from a random USB flash drive

Creality Cloud

www.crealitycloud.com

CHITUBOX

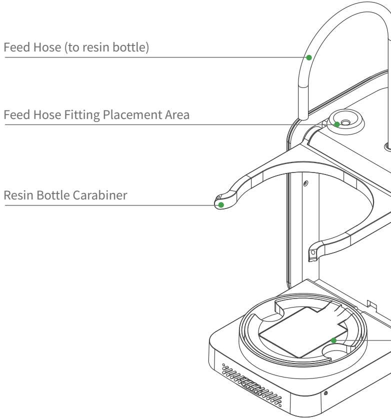
HALOT-X1 Te

Body Parameters
Printing Parameters
System Parameters

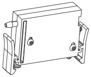
chnical Specifications

HALOT-X1	
Build Volume (L×W×H)	211.68mm×118.37mm×200mm
Product Dimensions	344mm×331mm×434mm
Package Dimensions	430mm×420mm×535mm
N.W.	12.93kg
G.W.	16.19kg
Printing Technology	LCD
Light Source	Honeycomb Matrix Light Source
Exposure Intensity	6500±10%μW/cm^2
Resolution	16K (15120*6230px)
Pixel Size	14*19μm
Z-axis Positioning Accuracy	0.01mm
Layer Thickness	0.01~0.2mm
Printing Speed	Max.170mm/h (0.2mm Layer thickness)
Touch Screen	3.98-Inch Capacitive Touch Screen
Slicing Software	HALOT BOX/Chitu Box
Data Transmission	USB/WIFI
Input Voltage	100-120V~200-240V~, 50-60Hz
Power	350W

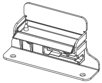
AFU Component Introduction



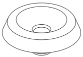
List of Accessories



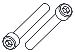
Detection Module



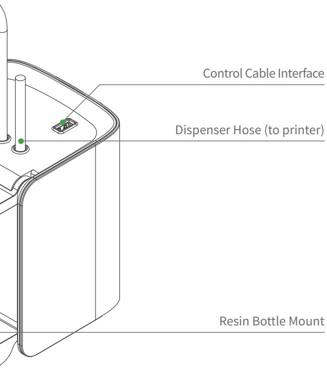
Detection Module Holder

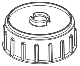


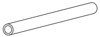
Silicone Mat

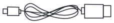


Spare Screws




Adapter Caps

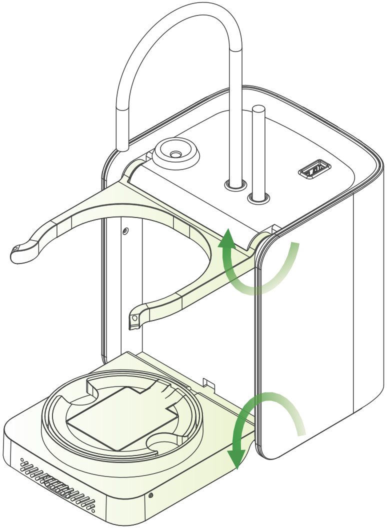

Suction Tube


Control Cable

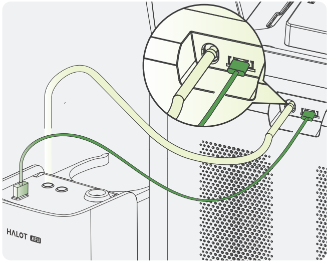
AFU Quick Start Operation Schematic

① Turn the mount down and the snap ring up.

Video Tutorial

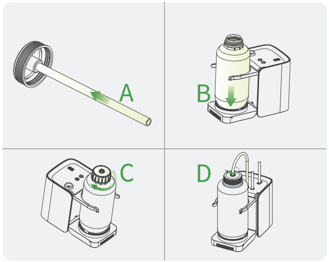


AFU Quick Start Operation Schematic



Connect the extrusion feed hose and Type C control cable to the AFU I/O port on the printer.

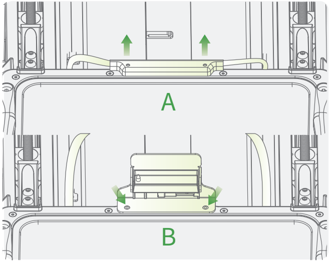
②



③

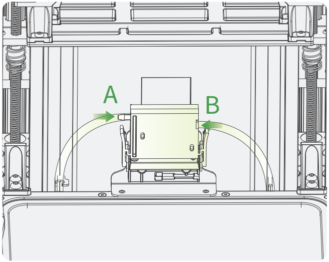
A. Vertically insert the suction tube into the adapter cap port
B. Place resin bottle into the mounting base
C. Tighten adapter cap with clockwise rotation
D. Press-rotate the feed hose connector into the adapter cap inlet port.

④



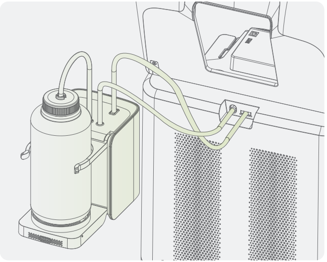
After removing the material tank:
A. Loosen the fastening screws of the fixed slot and disassemble the fixed slot assembly.
B. Install the detection module bracket at the original position of the fixed slot.

⑤



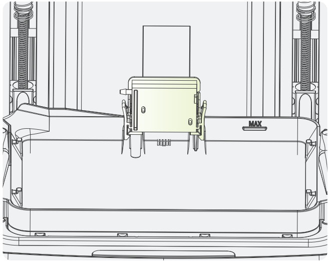
Install the detection module onto the bracket and press it down until the buckle makes a "click" sound.
A. Vertically insert the feeding hose into the feeding port of the detection module.
B. Vertically insert the control cable into the wiring port of the detection module.

AFU First Use



Inspect the installation of the feeding resin bottle;

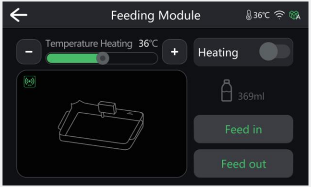
①



②

Remove the detection module from the bracket and install it on the fixed position of the material tank.
Press it down until the buckle makes a "click" sound.

③

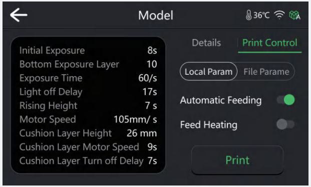


Temperature Heating 36℃

Heating

Manual control of the feeding module of the device:
Main interface → Settings → Feeding module

④



Initial Exposure	8s
Bottom Exposure Layer	10
Exposure Time	60/s
Light off Delay	17s
Rising Height	7 s
Motor Speed	105mm/ s
Cushion Layer Height	26 mm
Cushion Layer Motor Speed	9s
Cushion Layer Turn off Delay	7s

Automatic Feeding

Feed Heating

Automatic control of the feeding module of the device: Main interface → Printing →
On the file information interface or the printing interface, click the "Automatic feeding" button to start automatic feeding at any time.

Note: If the printer page can access the “Feeding Module”, it means that the AFU has been accessed, If it cannot access the“Feeding Module”, then check the wiring connection; if the resin bottle has an RFID chip, the page display will show the “ ((•)) ” logo, which can display the resin balance;

IC ID Requirement

This device contains licence-exempt transmitte
and Economic Development Canada’ s licence-
two conditions:

(1) This device may not cause interference;

(2) This device must accept any interference, in
operation of the device.

The device meets the exemption from the routi
compliance with RSS-102 RF exposure, users ca
compliance.

This transmitter must not be co-located or oper
transmitter. This equipment should be installed
centimeters between the radiator and your bod

L'émetteur/récepteur exempt de licence conten
CNR d'Innovation, Sciences et Développement
exempts de licence. L'exploitation est autorisée

(1) L'appareil ne doit pas produire de brouillage

(2) L'appareil doit accepter tout brouillage radi
d'en compromettre le fonctionnement.

Le dispositif rencontre l'exemption des limites
etla conformité à l'exposition de RSS-102 rf, util
surl'exposition et la conformité de rf.

Cet émetteur ne doit pas être Co-placé ou ne fo
ouémetteur. Cet équipement devrait être instal
centimètres entre le radiateur et votre corps.

r(s)/receiver(s) that comply with Innovation, Science
exempt RSS(s). Operation is subject to the following

cluding interference that may cause undesired

ne evaluation limits in section 2.5 of RSS 102 and
n obtain Canadian information on RF exposure and

rating in conjunction with any other antenna or
d and operated with a minimum distance of 20
ly.

u dans le présent appareil est conforme aux
économique Canada applicables aux appareils radio
aux deux conditions suivantes :

e;
oélectrique subi, même si le brouillage est susceptible

courantes d'évaluation dans la section 2.5 de RSS 102
isateurs peut obtenir l'information canadienne

nctionnant en même temps qu'aucune autre antenne
lé et actionné avec une distance minimum de 20

FCC Requirement

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

(2) This device must accept any interference received, including interference that may cause undesired operation.

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.