

AstroBox Touch Manual Copy Suggestions:

OVERVIEW

Congratulations on your brand new plug & play **Wanhao AstroBox Touch!**

Get ready to give your 3D Printer a major upgrade!

You are minutes away from being able to manage your 3D Printer from anywhere around the world.

Your new Wanhao AstroBox Touch (WAT) also comes with a suite of cross-platform Desktop & Mobile apps that will help make 3D Printing a LOT more fun.

[INSERT GRAPHIC SHOWING MOBILE APP, DESKTOP APP, AND THE TOUCH HERE]

Your Wanhao AstroBox Touch at a glance:

- ✓ **Save Time. Get Better Prints. 3D Print more, with less effort.**
- ✓ **Fully Wireless and Plug & Play** – No more pesky cables or SD cards!
- ✓ **Slice, Start, and Stop prints** from anywhere around the world.
- ✓ **Manage & Monitor your 3D Printer (or *multiple 3D Printers) in real time from anywhere.**
- ✓ **Access all of your designs and projects from any device.**
- ✓ **Simple and intuitive to use.**
- ✓ **Get notifications about print status.**
- ✓ **Cross-platform compatibility** with iOS, Android, Mac OS X, Windows, and Linux.
- ✓ **Automatic software updates for life.**

*multiple 3D Printers (including an entire fleet of 3D Printers) can be cloud connected and managed. However, each 3D printer requires its own independent Wanhao AstroBox Touch.

THE WANHAO ASTROBOX TOUCH (WAT)

The **Wanhao AstroBox Touch** is a one-of-a-kind (PLUG & PLAY) Save Time.

Get Better Prints.

3D print MORE with ease. device built specifically to make your 3D Printing experience fun and easy.

It's a powerful, intuitive, cloud connected touchscreen for your 3D Printer built with simplicity in mind.

With your Wanhao AstroBox Touch, expect to:

- Save Time.
- Get Better Prints.
- 3D print MORE with ease.

Seriously.

Quick Setup Guide

Step 1: Connect the included AC Power Adapter to the micro-USB port on the device.

Step 2: Connect one end of the included USB Cable to your 3D Printer and the other end to your *Touch*. Then, **TURN ON** your 3D Printer.

Step 3: Next, TURN ON your **Touch** and wait until the initializing process is finished.

Step 4: Now, you should see a BEGIN SETUP button. Simply press it and follow the guided steps.

Step 5: That's it!

If you followed all of the steps in the setup wizard, everything should be OK.

Let's check if your setup was successful

Checking whether your setup was successful is quite easy.

All you have to do is go to the HOME SCREEN and check the 3 vertical icons on the right.

If everything worked, ALL 3 ICONS should be GREEN to indicate that:

1. The connection to your local WiFi network is established 
2. The USB connection to your 3D Printer is established 
3. The connection to your Cloud Account is established 

If all 3 Icons are **GREEN**, Congratulations, you have just supercharged your 3D Printer 😊

If ANY of the icons are **RED**, it means you'll have to re-configure it until it turns **GREEN**.

Please refer to the steps above or the help section of this guide.

Let's 3D Print something for real now!

It's always a great idea to start a real print to get the hang of your new Touch.

When 3D Printing with the **Touch**, you can print from:

1. Your cloud account (**recommended**)
2. The Internal memory of your Touch
3. An external USB drive plugged into the Touch

While you have the option of using options #2 or #3, we strongly recommend that you manage designs from your cloud account.

The primary reason(s) for managing designs from your cloud account is convenience, redundancy, and security.

Go ahead and start a print from the **PRINT** menu in your home screen.

If you do not have any design files of your own yet, simply go to **APPS** (in your **HOME SCREEN**) ☐ **Thingiverse**, and search for a free 3D Printable design (like a *whistle*) that you might like.

Once you find a design, you'll be able to start a print with a few clicks!



Tip: If you are an advanced user, you can also upload GCODE or STL design files directly to your AstroPrint Cloud account.

ASTROPRINT® MOBILE

AstroPrint® Mobile is a simple way to manage and monitor your 3D Printer from your smartphone.

AFTER you connect your 3D Printer (or *multiple 3D Printers) to the AstroPrint Cloud – you'll be able to use AstroPrint® Mobile to manage, monitor, and print directly to your Desktop 3D Printer from anywhere around the world.

With AstroPrint® Mobile, you can:

- Visually inspect your print bed.
- Get notifications about print status.
- Start and stop prints.
- Print from repositories like Thingiverse.
- Access all of your designs and projects
- Use Cloud Slicing to slice and print.
- ..and a lot more!

You can now stay in touch with your printer... even when you're away from it.

***multiple 3D Printers (including an entire fleet of 3D Printers)** can be cloud connected and managed. However, each 3D printer requires its own independent Wanhao AstroBox Touch.

ASTROPRINT® CLOUD

The AstroPrint® Cloud is powerful cloud platform and ecosystem designed specifically for 3D Printing.

Connecting your 3D Printer (or *multiple 3D Printers) to the AstroPrint Cloud (for FREE) is like giving your 3D Printer(s) superpowers.

With The AstroPrint® Cloud, you can:

- Use dedicated cloud slicers to slice your designs.
- Start and stop prints from anywhere.
- Monitor (in real time) and manage your printer from a browser, AstroPrint® Desktop or AstroPrint® Mobile.
- Record time-lapses of your prints.
- Learn more about your printing habits with trends and analytics.
- Print from repositories like Thingiverse.
- Access all of your designs and projects with a dedicated Design Library.
- Use custom, third party apps to enhance your printer.
- Queue designs and print them later
- ..and a lot more!

The AstroPrint® Cloud supercharges your 3D Printer and takes it to the next level.

Plus, it's designed to intelligently adapt to your 3D Printer and printing habits – So, **the more you use it, the better it gets.**

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ASTROPRINT® DESKTOP

AstroPrint® Desktop is Desktop app that lets you manipulate and print your designs.

It's also a cross-platform, cloud-enabled app that keeps all of your designs in sync with your cloud account.

With AstroPrint® Desktop, you can:

- Rotate, Scale, or Duplicate your designs.

- Access of all of your design files and settings from your cloud account.
- Print directly from the app when you are ready.
- Take advantage of advanced features like GCODE diagnostics.
- Add new printers or printer profiles.
- Optionally print via USB without any additional hardware OR internet
- ..and a lot more!

AstroPrint® Desktop is a fantastic addition to your Desktop or Laptop computer when managing your 3D Printer(s).

Other Notes:

1. Move the Installation instructions (pages 8-18) to the first page
 2. Remove page 5 entitled any references to the API (page 5)
 3. Remove page 6 and the table of features
 4. Remove page 7 entitled "AstroPrint Cloud Features"
 5. Remove page 9 entitled "The Wanhao AstroBox Touch At a Glance"
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AstroBox Touch Packaging Copy Suggestions:

OVERVIEW

Print wirelessly, connect your 3D Printer to your phone, and install 3rd party apps on your printer. Our mission is to make 3D printing incredibly simple. Just plug the WANHAO AstroBox into your 3D Printer and you'll be amazed at how much easier it is to print.

WiFi 3D Printing

Wanhao AstroPrint is software for wirelessly managing 3D printers. It features a mobile friendly user interface that works across multiple devices and screen resolutions.

This makes 3D printing easier to manage, eliminating the need for SD cards or manually controlling via USB. Wanhao Astroprint also works in the cloud, so you can manage prints anywhere through a web browser!

This FDM Box and its software is compatible with variety of FDM printers in the market, Software takes 3D printer management to the next level with a mix of offline and cloud-connected features.

Managing your 3D Printer has never been easier. Compatible with Mac OS X, Windows, and Linux.



OVERVIEW

The **Wanhao AstroBox Touch** is a one-of-a-kind (PLUG & PLAY) touchscreen built specifically to make your 3D Printing experience fun and easy.

It's a powerful, intuitive, cloud connected touchscreen for your 3D Printer built with simplicity in mind.

With your Wanhao AstroBox Touch, expect to:

- Save Time.
- Get Better Prints.

- 3D print MORE with ease.

It's the best way to manage your 3D Printer.

*This device is compatible with most Marlin & Sailfish firmware based printers.

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WANHAO Astroprint Mobile

Finally! With ASTROPRINT MOBILE, you can now control your 3D printer while you're sitting in the bathroom! Or any where else...

*** NOTE:** All the features below requires an WANHAO ASTROBOX connected to your 3D Printer.




SETUP INSTRUCTIONS





Need Help?

Submit a support request at WANHAO3DPRINTER.COM or try forum: forum.astroprint.com. You can also find us at www.wanhao.store

Finally! With AstroPrint® Mobile you can manage and monitor your 3D Printer from your smartphone from anywhere around the world.



CAMERA

Optional Camera(to be purchased separately) for monitoring your print jobs and sharing pictures of your 3D prints.



USB

Wired communication technology for directly connecting your Wanhao Astroprint to a computer



WI-FI

Enables remote control of the Wanhao Astroprint. 3D Printer through various Wanhao Astroprint apps and also remote access to your cloud storage library



LCD INTERFACE

Provides easy, computer-free access to printing menus, commands, and your cloud storage library.



USB STICK

Another convenient and secure method of transferring print files from a computer to your Wanhao Astroprint.



ETHERNET

Wired communication technology for connecting your Wanhao Astroprint to your network, allowing you remote control through various Wanhao Astroprint apps, as well as access to your cloud storage library

1. **Save Time:** Spend more time 3D Printing and less time trying to 3D Print.
2. **Super Easy:** With an intuitive touchscreen, you'll never feel lost again. Perfect for beginners and advanced users.
3. **Plug & Play:** Nothing to assemble. Just plug it in and you are done.
4. **Live Monitoring:** Manage & Monitor your printer in real time from anywhere.
*camera sold separately
5. **Wireless Printing:** No wires. No SD Cards. No Hassle.
6. **Cross Compatibility:** Windows, Mac OS, Linux, iPhone, or Android. Works with everything.



PARAMETER

Gorgeous	✓
For	Everyone
Requires Assembly	No
Touchscreen	3.5"
Setup Wizard	On Screen
Software	Wanhao AstroBox Touch
Developer Friendly	For Sure
3DP App Store	✓
Software Updates	Auto
Video Streaming	✓
Remote Monitoring	✓
Camera Compatibility (Linux)	✓
Wireless Printing	✓
Local Network & Online	✓

REVA1.0

A SUITE OF APIS FOR 3D PRINTING



CLOUD SLICING

Process designs through Cura, Slic3r, and others. Use pre-sets, customized settings, and post-processors.



STORAGE

Securely export, update, and import designs (STLs) and print files (GCODE/X3G).



ACCESS

Access user data (when they authorize your app): printers, printer settings, material settings, designs, print files, and more.



REPORTING

Monitor user's printer models, devices, designs, materials, successful/failed prints, and other activities



CLOUD SLICING

Process designs through Cura, Slic3r, and others. Use pre-sets, customized settings, and post-processors.



CAMERA (OPTIONAL)

Securely maintain connection and monitor all activity on an authorized user's 3D printer. Start and stop prints, video stream, view print bed, and more. Camera need to be purchased separately.

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