

# 此页不印刷

GP059\_快速指南\_V1.0\_D1.1.3

料号：K0301000329

成品尺寸：210\*148 m m

展开尺寸：210\*296 m m

材质：封面250g铜版纸，内页105g铜版纸

工艺：封面覆哑膜，双面CMYK印刷，骑马钉

# XTOOL | SafetyPro™ IF2 2.0

## Quick Start Guide

Kurzanleitung | Guía de inicio rápido | Guide de démarrage rapide |  
Guida rapida | Korte handleiding | Manual de referência rápida |  
Skrócona instrukcja obsługi | クイックガイド | 빠른 시작 가이드 | 快速入門指南 |  
快速使用指南

MXA-K013-001

# XTOOL



# 01

## Multi-language versions and more information

To find user guides in multiple languages and more help, please visit [support.xtool.com/article/2095](https://support.xtool.com/article/2095) or scan the QR code.

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### Versiones multilingües y más información

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Para encontrar manuais do utilizador em idiomas múltiplos e mais ajuda, visite, se faz o favor, [support.xtool.com/article/2095](https://support.xtool.com/article/2095) ou leia o código QR.

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다중 언어로 된 사용 설명서와 추가 도움말을 찾으려면 [support.xtool.com/article/2095](https://support.xtool.com/article/2095) 페이지를 방문하거나 QR 코드를 스캔하십시오.

### 多語言版本及更多資訊

如需取得其他語言版本的使用者指南或幫助資訊，請前往 [support.xtool.com/article/2095](https://support.xtool.com/article/2095) 或掃描 QR code。

### 多语言版本及更多信息

如需获取其他语言版本的用户指南或更多帮助信息，请访问 [support.xtool.com/article/2095](https://support.xtool.com/article/2095) 或扫描二维码。你也可以访问 [s.makextool.com/wiki/if2-2](https://s.makextool.com/wiki/if2-2) 查看在线帮助。

[support.xtool.com/article/2095](https://support.xtool.com/article/2095)



# 02

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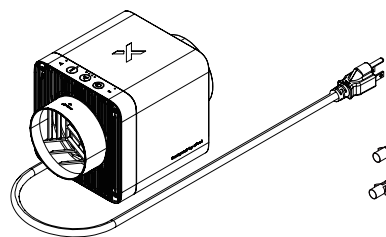
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\* The English version is the original instructions verified by the manufacturer.

## List of items



SafetyPro™ IF2 2.0



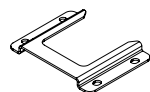
Ribbed plastic anchors



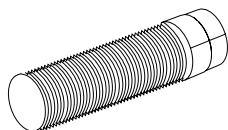
Screws



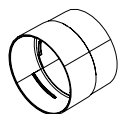
Bluetooth dongle



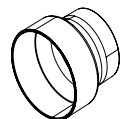
Wall-mounting fixture



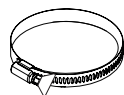
Smoke exhaust pipe



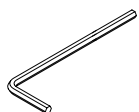
Pipe connector 1



Pipe connector 2



Pipe clamp



Hex key



Quick start guide

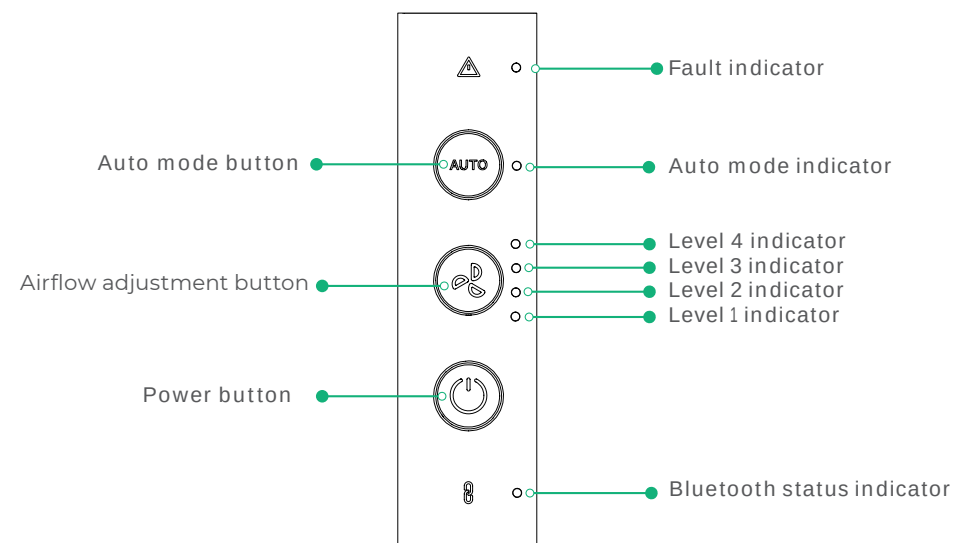
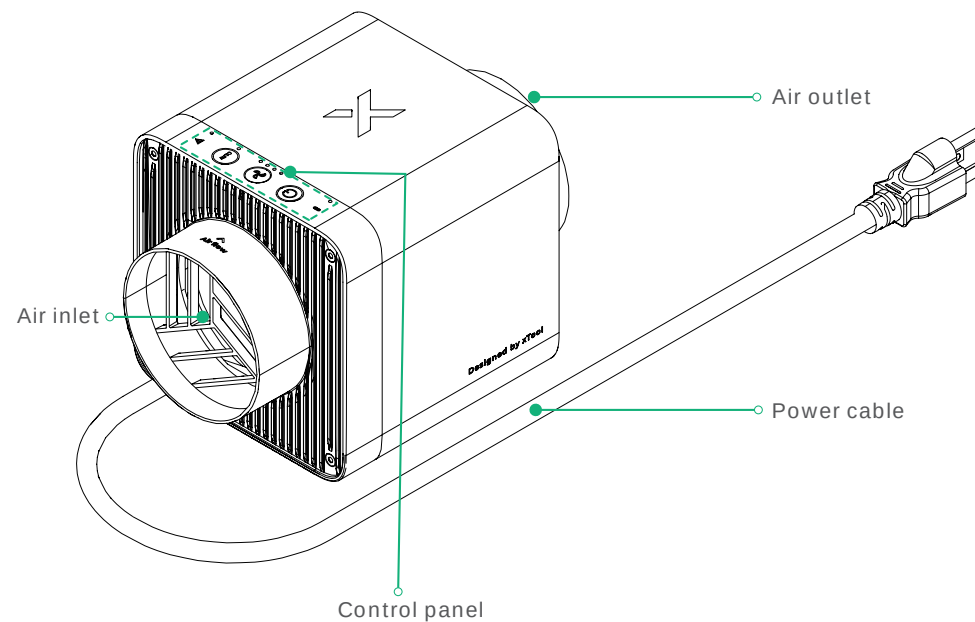


Safety instructions

### Note:

- The power cable may vary depending on the region and country where the product is delivered.
- Pipe connector 1 is compatible with xTool machines' rigid exhaust pipes (hard and shape-adjustable) with a diameter of 80 mm.
- Pipe connector 2 is compatible with both rigid and flexible exhaust pipes with a diameter of 65 mm.

## Meet xTool SafetyPro™ IF2 2.0



## Connect xTool SafetyPro™ IF2 2.0

### 1 Connect the smoke exhaust pipe of the xTool laser machine



#### Pipe connector 1:

Used for connecting rigid exhaust pipes (hard and shape-adjustable) with a diameter of 80 mm.



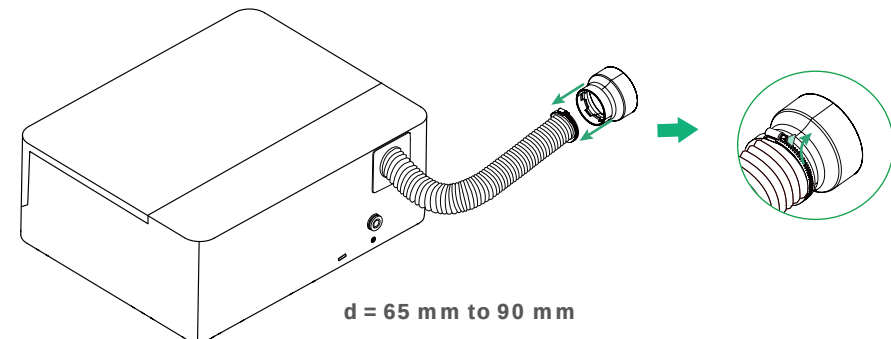
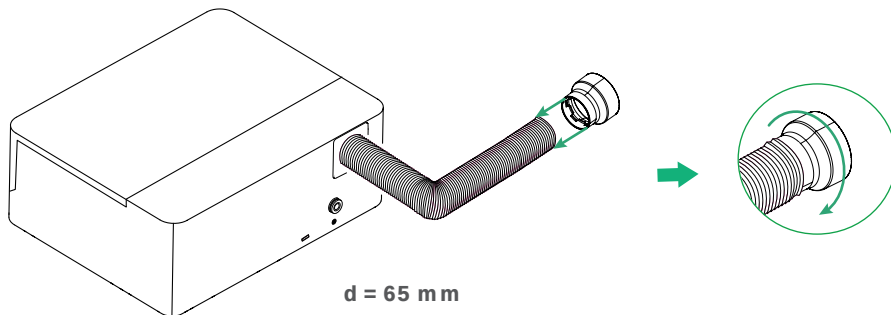
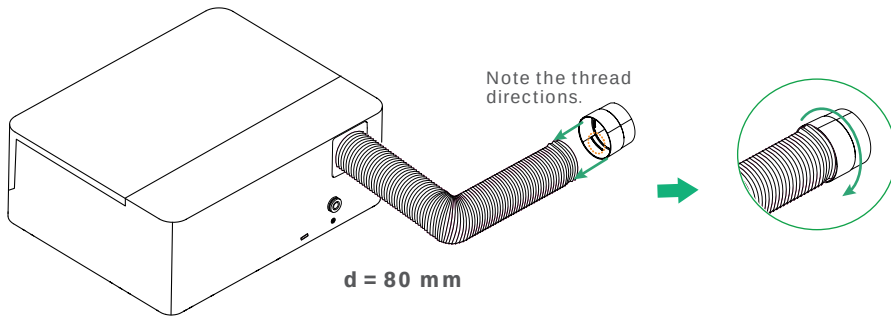
#### Pipe connector 2:

Used for connecting rigid exhaust pipes (hard and shape-adjustable) with a diameter of 65 mm.

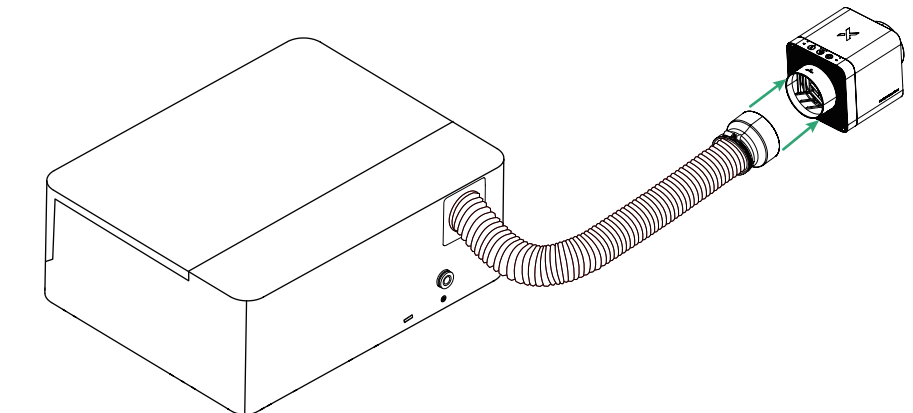
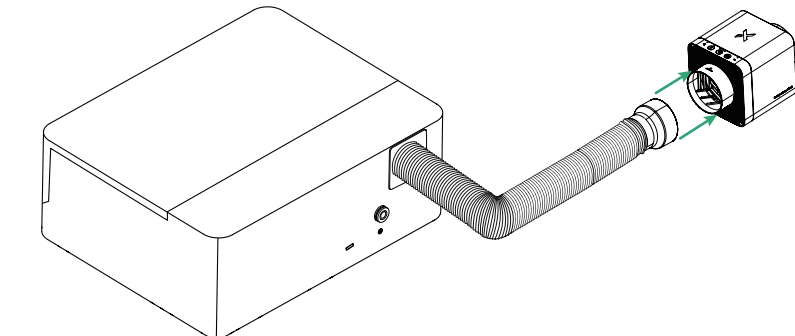
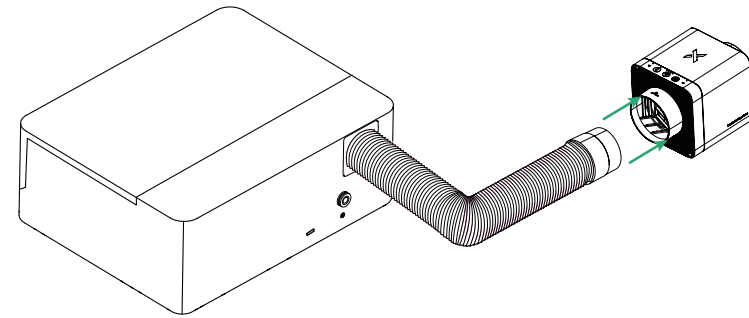


#### Pipe clamp:

Used for connecting flexible exhaust pipes of xTool P2 and P2S.

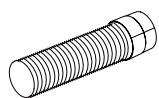


### 2 Attach the pipe connector and pipe assembly to the inline fan



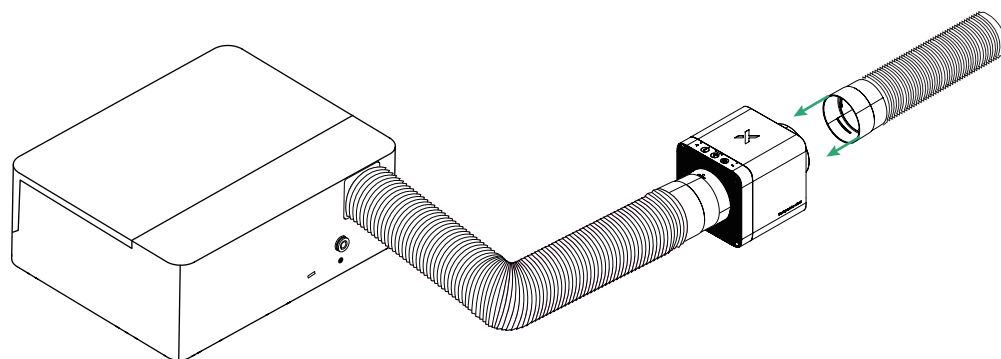
The connection process for pipe connectors 1 and 2 is the same in the following steps, and the process for pipe connector 1 is illustrated as an example.

### 3 Install the smoke exhaust pipe of the xTool SafetyPro™ IF2 2.0

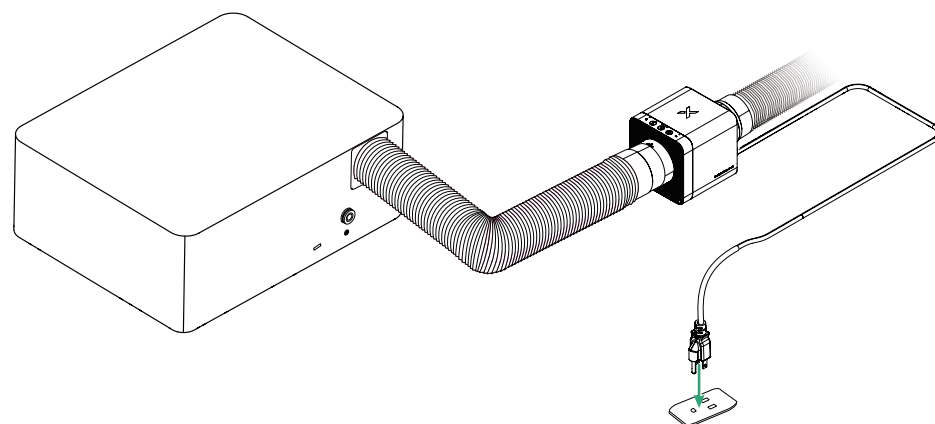


Smoke exhaust pipe

Connect the pipe connector and pipe assembly included in the package to the air outlet of the inline fan.



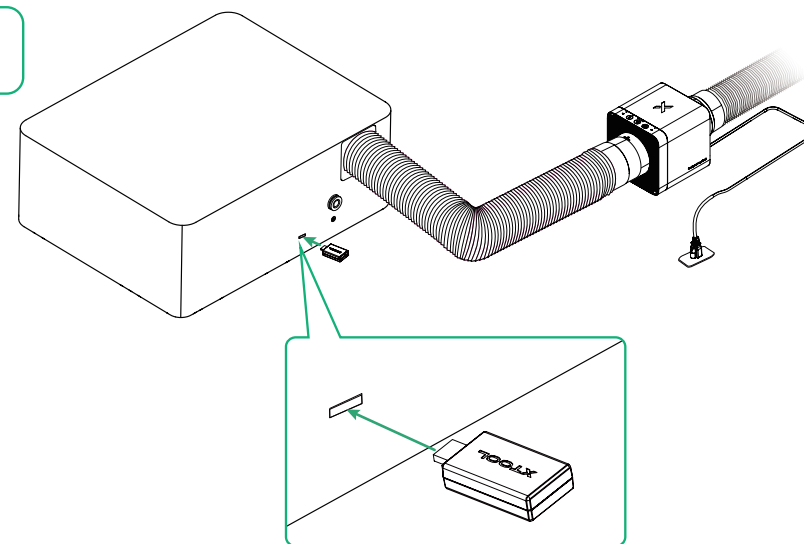
### 4 Connect to a power supply



### 5 Set up wireless connection



The inline fan can establish a wireless connection only with xTool laser machines that support Bluetooth.



- Connect the Bluetooth dongle to the extension port of the xTool machine. The preceding figure is for reference only.
- After the Bluetooth dongle is connected, the inline fan automatically establishes a connection with the xTool machine. The machine's device settings page on the xTool software displays information about the inline fan. For more details, see "Use with xTool software."
- If a Bluetooth dongle has been connected to the machine already or you need to pair again, press and hold the inline fan's power button for at least five seconds. The Bluetooth status indicator will blink white, indicating that the inline fan is in pairing mode.

## (Optional) Mount on the wall

■ You can mount the inline fan on the wall or other suitable locations using the wall-mounting fixture included in the package.



The following tools are required but not included in the package:



Screwdriver

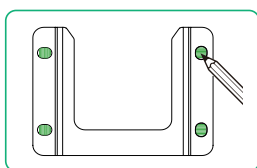


Pencil

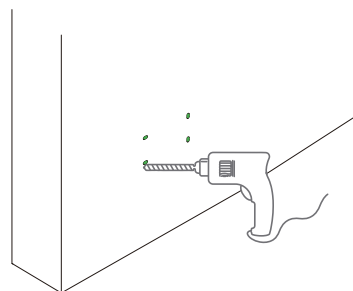


Drill

(1)

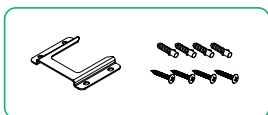


■ Place the wall-mounting fixture against the wall, determine the proper position, and mark each hole's location with a pencil.

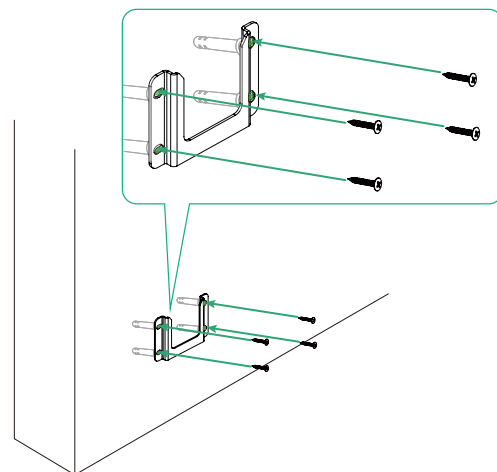


■ Drill the four holes marked.

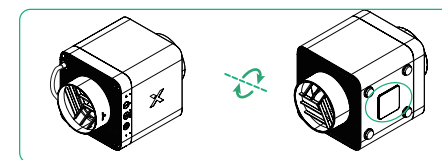
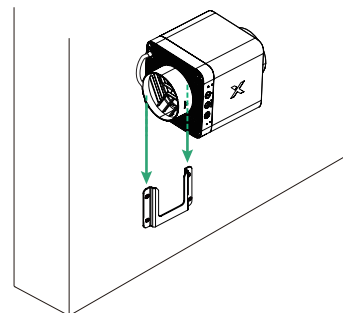
(2)



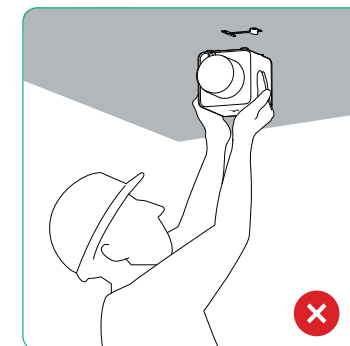
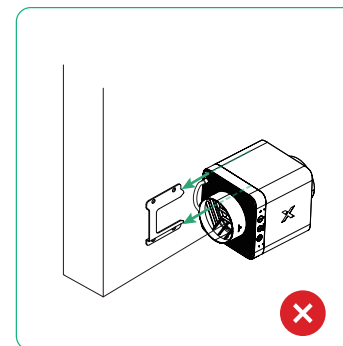
■ To better secure the screws, you can hammer the ribbed plastic anchors into the holes before applying the screws.



(3)

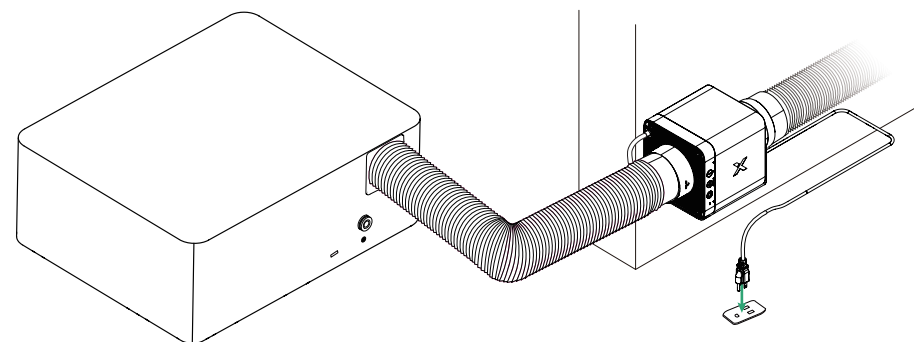


■ Slide the fan body along the fixture, with the wall-mounting bracket of the fan fitting on the fixture.

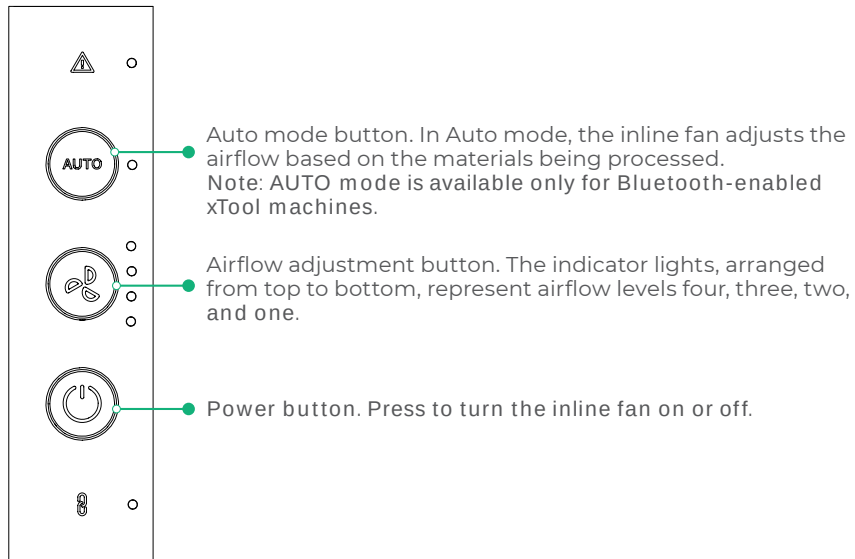


■ Never mount the wall-mounting fixture sideways or mount on a ceiling. Otherwise, the inline fan may not be fixed properly.

(4)



## Use xTool SafetyPro™ IF2 2.0



## Indicator description

| Indicator                                                                                                                                                                                                                           | Indicator status | Device status                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------------------------------------|
| <br>Bluetooth status indicator                                                                                                                   | Blinking white   | Enters pairing mode                                      |
|                                                                                                                                                                                                                                     | Solid white      | Pairing succeeds                                         |
|                                                                                                                                                                                                                                     | Off              | Pairing fails or Bluetooth connection is not established |
| <br>Fault indicator                                                                                                                              | Solid red        | Inline fan motor stalls and the fan blades need cleaning |
|                                                                                                                                                                                                                                     | Blinking red     | Firmware upgrade fails                                   |
| <br>Auto mode indicator                                                                                                                          | Solid white      | The inline fan works in AUTO mode                        |
| <br>Airflow level indicator                                                                                                                      | Solid white      | The inline fan works at the current airflow level        |
| <p>The fault indicator and Bluetooth status indicator blink alternately: Firmware upgrade in progress.</p> <p>The fault indicator and Bluetooth status indicator are off and the buzzer sounds once: Firmware upgrade succeeds.</p> |                  |                                                          |

## Use with xTool software

### 1 Download xTool software

Go to [s.xtool.com/software](https://s.xtool.com/software) to get the xTool software.

### 2 Use xTool SafetyPro™ IF2 2.0 with the xTool software



[s.xtool.com/support/IF22.0/tutorial](https://s.xtool.com/support/IF22.0/tutorial)

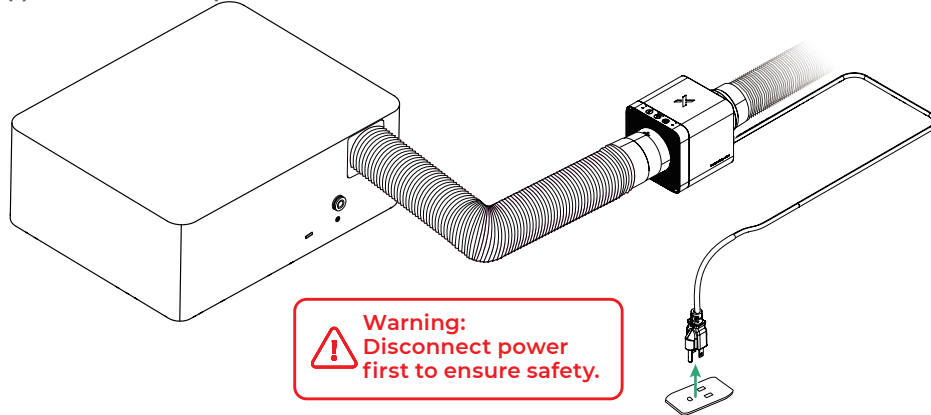
## Maintenance

### Clean the fan

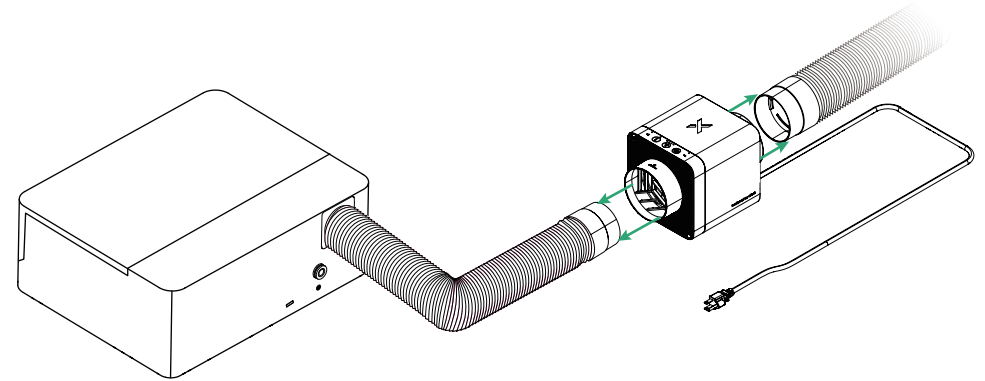
After a long period of use, dust buildup may cause abnormal airflow or affect smoke exhaust performance. Clean the fan promptly when the xTool software reminds you.

#### 1 Remove the fan

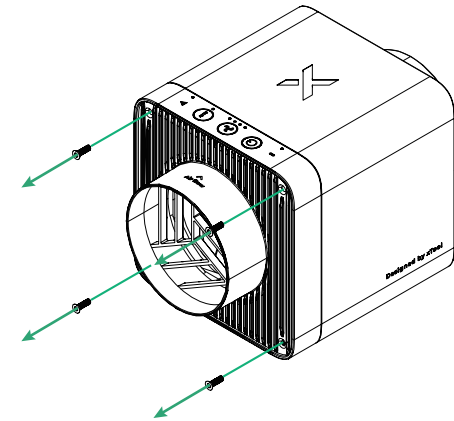
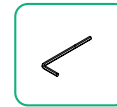
(1) Disconnect the power cable.



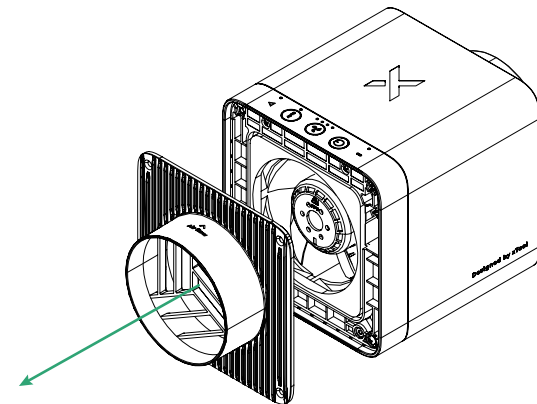
(2) Remove the exhaust pipes and pipe connectors on both sides.



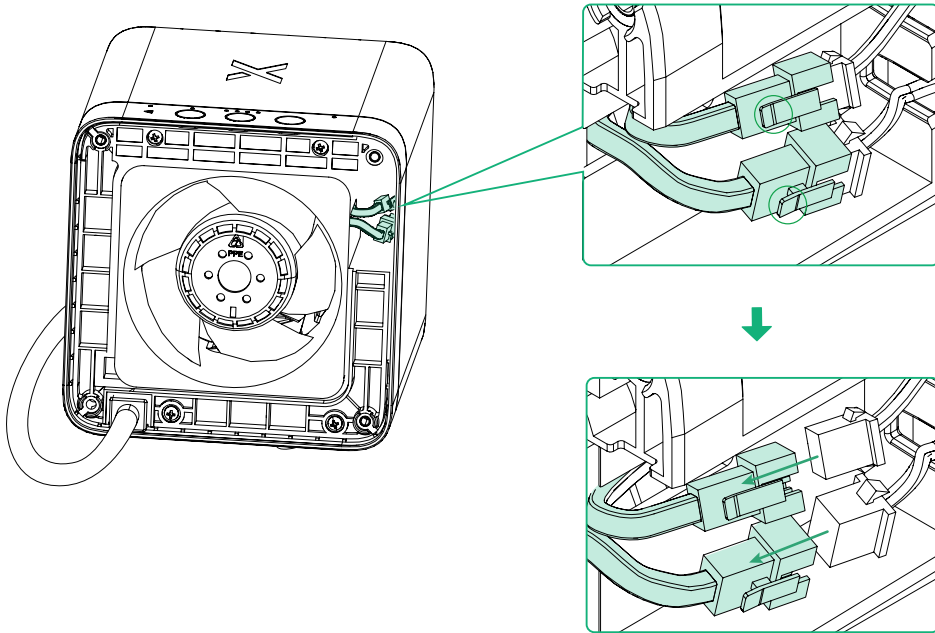
(3) Remove the four screws using the hex key.



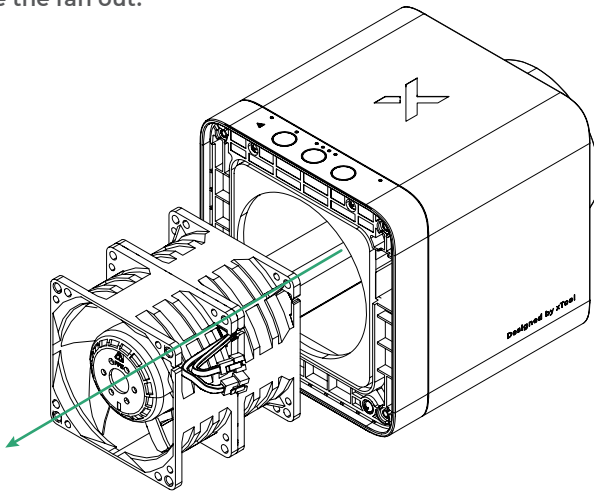
(4)



(5) Disconnect the fan's connection cables. Press the positions shown in the illustration using your thumb and pull out the terminals.

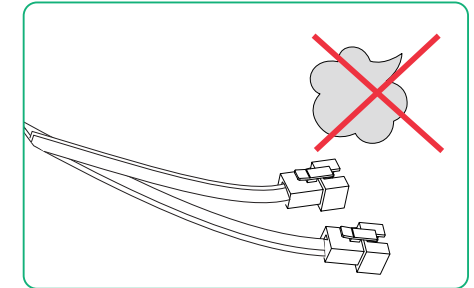
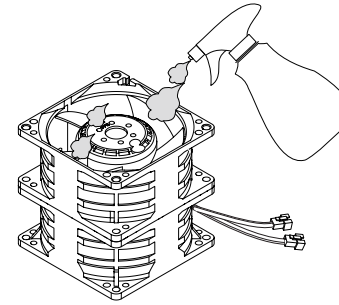


(6) Take the fan out.



## 2 Clean the fan

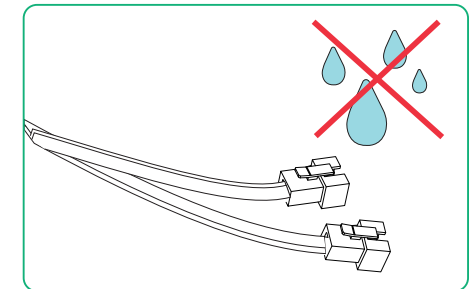
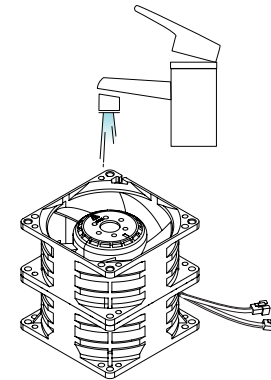
(1) Clean the fan blade using a degreasing cleaner. Avoid applying the cleaner on the terminals.



(2) Wash the fan blade with a gentle stream of water.

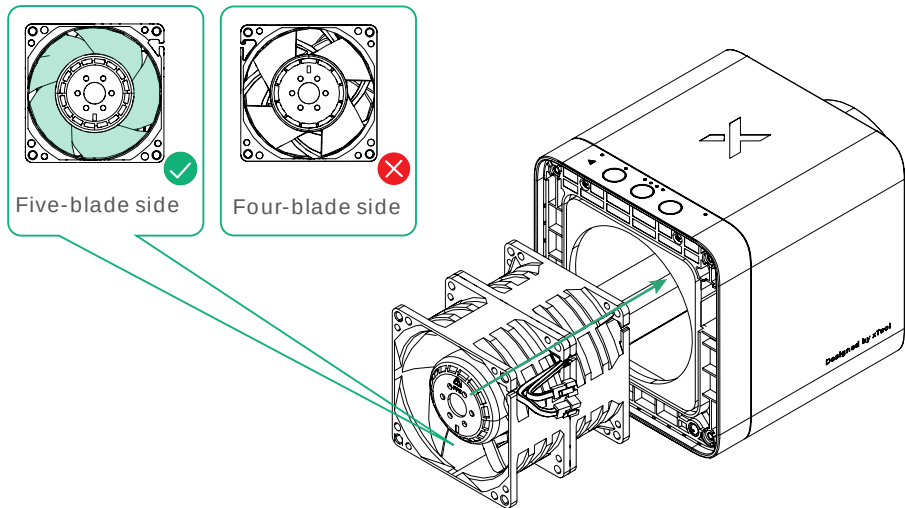
Note:

- Do not splash water on the terminals.
- Do not use a high-pressure water spray to rinse the fan or immerse the fan completely in water.

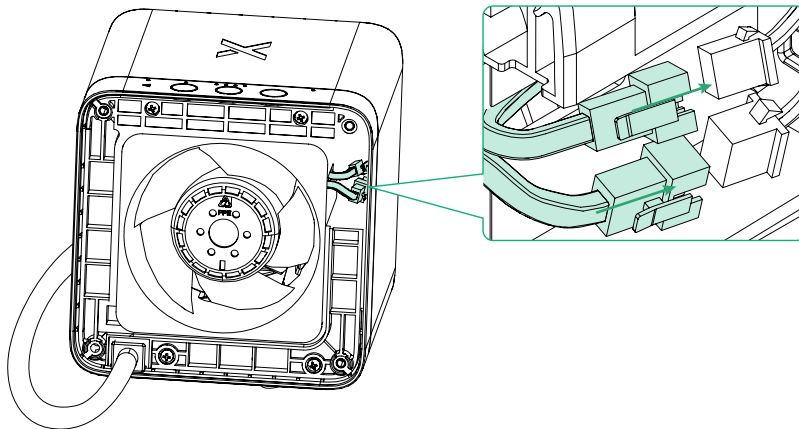


### 3 Install the fan back

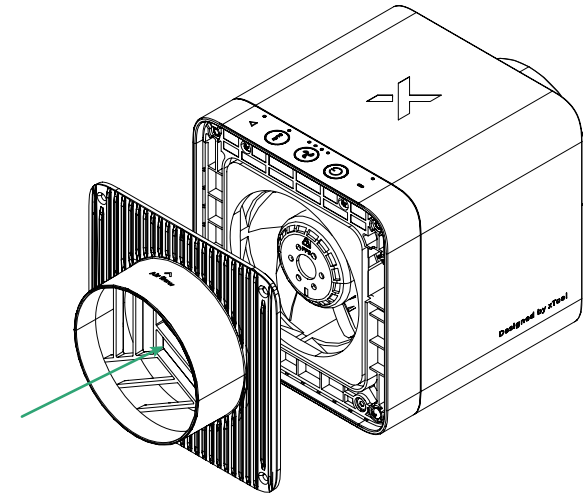
(1) When the fan is dry, put it back with the five-blade side facing outward.



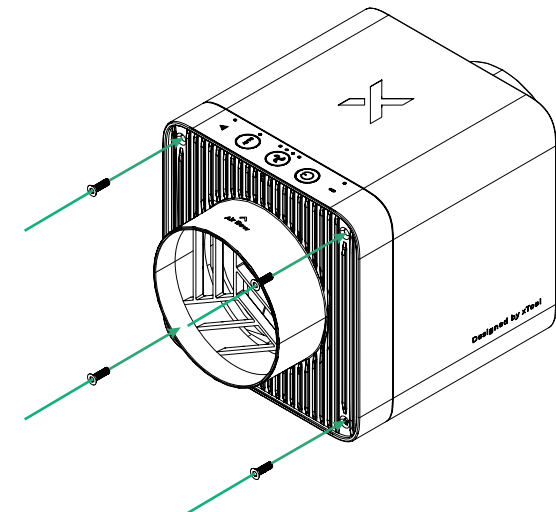
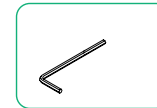
(2) Re-connect the fan's connection cables.



(3) Install the cover back.



(4) Install and secure the four screws securing the cover.



**此页不印刷**

GP059\_安全声明\_V1.0\_D1.1.2

料号：K0301000333

成品尺寸：210\*148mm

展开尺寸：210\*296mm

材质：封面250g铜版纸，内页105g铜版纸

工艺：封面覆哑膜，双面CMYK印刷，骑马钉

**XTOOL**

**XTOOL | SafetyPro™ IF2 2.0**

# Safety Instructions

Sicherheitshinweise | Instrucciones de seguridad | Consignes de  
sécurité | Istruzioni di sicurezza | Veiligheidsinstructies | Instruções  
de segurança | Instrukcje bezpieczeństwa | 安全上のご注意 | 안전  
지침 | 安全説明 | 安全说明

**English** — — — — — 01

\* The English version is the original instructions verified by the manufacturer.

**Deutsch** — — — — — 09

\* Übersetzung der Originalanleitung

**Español** — — — — — 17

\* Traducción de las instrucciones originales

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\* 원본 지침 번역

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\* 原始說明書的翻譯版本

**简体中文** — — — — — 86

\* 原始说明书的翻译版本

## Statement

Thank you for choosing xTool products!

If you use the product for the first time, read carefully all the accompanying materials of the product to improve your experience with it. If you do not use the product according to the instructions and requirements of the Manual, or mis-operate the product due to misunderstanding, etc., the Company shall bear no responsibility for any loss resulting therefrom.

The Company has collated the content of the Manual rigorously and carefully, but errors or omissions may remain.

The Company is committed to continuously improving product functions and service quality, and therefore reserves the right to change any product or software described in the Manual and the content of the Manual at any time.

The Manual is intended to help you use the product properly and does not include any description of hardware and software configuration. For product configuration, refer to the related contract (if any) and packing list, or consult your distributor. Images in the Manual are for reference only and the actual product may vary.

Protected by copyright laws and regulations, the Manual shall not be reproduced or transcribed in any way, or be transmitted on any wired or wireless network in any manner, or be translated into any language, or be modified in any way, such as content, image, or layout modification, without the prior written authorization of the Company.

The Company is committed to continuously improving the product and related materials. The product and the Manual are subject to change, and updates can be found at [xtool.com](http://xtool.com).

## EU declaration of conformity

Hereby, Makeblock Co., Ltd., declares that this product is in compliance with the essential requirements and other relevant provisions of Directive RED 2014/53/EU and the RoHS directive 2011/65/EU & (EU) 2015/863. The full text of the EU declaration of conformity is available at the following internet address: [support.xtool.com/article/2084](http://support.xtool.com/article/2084)

**Maximum RF transmit power: Bluetooth (2402–2480 MHz) < 20 dBm**

## EU responsible person

EU Responsible Person: Makeblock Europe B.V.  
Address: Westplein 12, 3016 BM, Rotterdam, the Netherlands  
E-mail address: [support@info.xtool.com](mailto:support@info.xtool.com)

## Disposal & recycling information



This symbol indicates that this product shall not be treated as household waste. Instead, it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment.

## FCC statement

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.

Warning: 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.

FCC radiation exposure statement

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 20 cm between the radiator and your body.

Responsibility party: XTL US INC.

Responsibility party address: 16035 ARROW HWY. IRWINDALE, California 91706 United States of America

Website: [support.xtool.com](http://support.xtool.com)

## IC statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

The device is compliance with RF exposure guidelines, users can obtain Canadian information on RF exposure and compliance. The minimum distance from body to use the device is 20cm.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) L'appareil ne doit pas produire de brouillage;
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Le présent appareil est conforme Après examen de ce matériel aux conformité ou aux limites d'intensité de champ RF, les utilisateurs peuvent sur l'exposition aux radiofréquences et compliance d'acquérir les informations correspondantes. La distance minimale du corps à utiliser le dispositif est de 20cm.

This digital apparatus complies with CAN ICES (B) / NMB (B).

Déclaration d'Industrie Canada Cet appareil numérique est conforme à la norme CAN ICES (B) / NMB (B) du Canana.

## UK PSTI information

Hereby, Makeblock Co., Ltd declares that this device is in compliance with The Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023. For the Statement of Compliance, visit the website: [uk.xtool.com/pages/uk-psti-information](http://uk.xtool.com/pages/uk-psti-information)

## Safety first (important)

1. This product is applicable to desktop laser processing devices. Please strictly follow the safety precautions and instructions for the laser device.
2. Identify the inlet and outlet of the inline fan. Connect the inlet to the device and the outlet to the outside so that outdoor air or harmful substances do not come inside.
3. This product is designed to exhaust smoke instead of purifying air. Ensure that the smoke is discharged properly without causing harm to human health or the environment.
4. Do not place the this product near the window. It may be damaged by rain and even cause electric leakage.
5. Do not disassemble this product or change its structure in any way without authorization. In particular, do not expose the fan blades outside. Accidental contact with the rotating blades may cause injury.
6. Do not put your hands or any other objects, such as a pencil, inside the device when the fan is running. It may cause injury and device damage.
7. Do not disassemble, repair, or rectify the device when the fan is running. It may cause electric shock and other injuries.
8. Cut off the power supply before moving the product.
9. Cut off the power supply before performing maintenance.
10. To prevent damage to the fan when cleaning this product, do not use a high-pressure water spray to rinse the fan or immerse the fan completely in water.
11. After cleaning the fan, let it dry completely before reinstalling it. Otherwise, the fan may get damaged, and there could even be risks of electric leakage, electric shock, or fire.
12. If the device is not used for a long time, unplug the power cable from the socket.
13. To unplug the power cable, pull the plug instead of the cable. Pulling the cable may damage the cable and cause electric leakage and electric shock.
14. Do not drag, kink, pinch, or flatten the power cable. It may damage the power cable.
15. Do not use a damaged power cable or replace the original power cable without authorization. It may cause electric leakage, electric shock, and fire hazards.
16. If the power cable is damaged, contact us for support or a qualified electrician to replace the power cable.

## After-sales services

For technical support, contact us at [support@xtool.com](mailto:support@xtool.com).

For more information about after-sales services, visit [support.xtool.com](https://support.xtool.com).