

ALIENCCELL

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Air Assist Pro

User Manual

CONTENTS

EN

Statement	01
Safety	01
List of Items	02
Meet your Aliencell Air Assist Pro	03
Gear description	04
Indicator description	05
Use Aliencell Air Assist Pro on Aliencell X1	06
FCC WARNING	11
IC Caution	12
After-sales services	13



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Statement

Thank you for choosing and using Aliencell products.

To ensure a safer and smoother user experience, it is recommended that you read the relevant sections of this manual carefully before operation and pay attention to all materials provided with the product. The company shall not be held liable for any equipment damage or other losses resulting from failure to follow the instructions.

This manual is intended to provide basic operating instructions and precautions, and does not cover all technical details or configuration information of the product. For specific configurations and accessories, please refer to the actual purchase documents (such as the contract or packing list). Illustrations in this manual are for reference only, and the actual product shall prevail.

The company has rigorously reviewed the content of this manual, but there may still be omissions or errors. Your understanding is appreciated.

To continuously improve product performance and service quality, we reserve the right to change any products, software, or content described in this manual without prior notice.

The content of this manual (including text, images, and layout) is protected by copyright law. No unit or individual may reproduce, reprint, adapt, or distribute it online in any form without the prior written permission of the company.

Aliencell is committed to the continuous optimization of products and services. As such, product features, software versions, and related materials may be updated without prior notice. Some content in this manual may be adjusted accordingly. For the latest information, please visit: <https://wiki.aliencell.com>

Safety

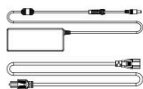
Read and get familiar with all safety precautions and measures before using this product.

- Check the product for damage every time before you use it. Do not operate it in any way when any damage or defect is found.
- Check the product for damage every time before you use it. Do not operate it in any way when any damage or defect is found.
- Ensure that the workspace is clean and flat.
- Do not disassemble the product or change its structure in any way without authorization.
- Do not leave the product unattended during operation.
- The product works properly at the temperature of 0°C to 35°C and can be stored properly at the temperature of 0°C to 45°C. Do not operate it at a temperature lower than 0°C.

List of Items



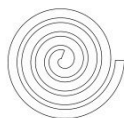
Air Assist



Power Adapter & Cable



1.2m Mini-B to Mini-B Cable



0.8m Tube



User Manual

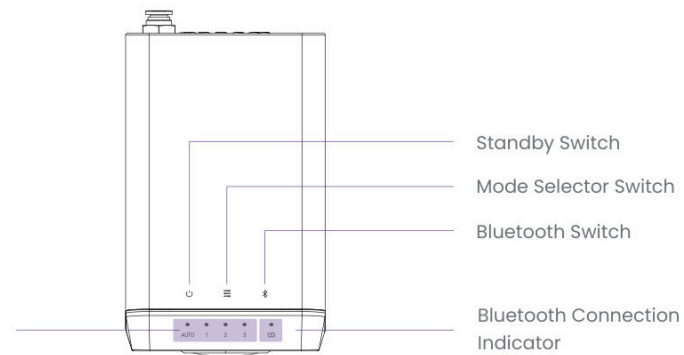


Φ6mm Push-to-Connect Fitting

⚠ Note: The power adapter varies according to the region in which the product is delivered.

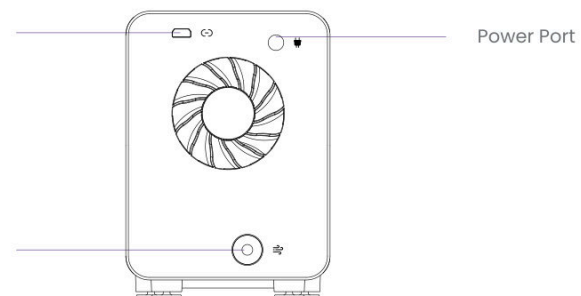
Meet your Aliencell Air Assist Pro

Airflow Mode Indicator



Communication Port

Air Tube Connector



Power Port

Gear description

Gear	Gear description
Auto	Airflow is automatically regulated according to processing parameters
1	Minimum airflow, suitable for engraving materials
2	Medium airflow, suitable for general cutting or engraving
3	Maximum airflow, suitable for cutting

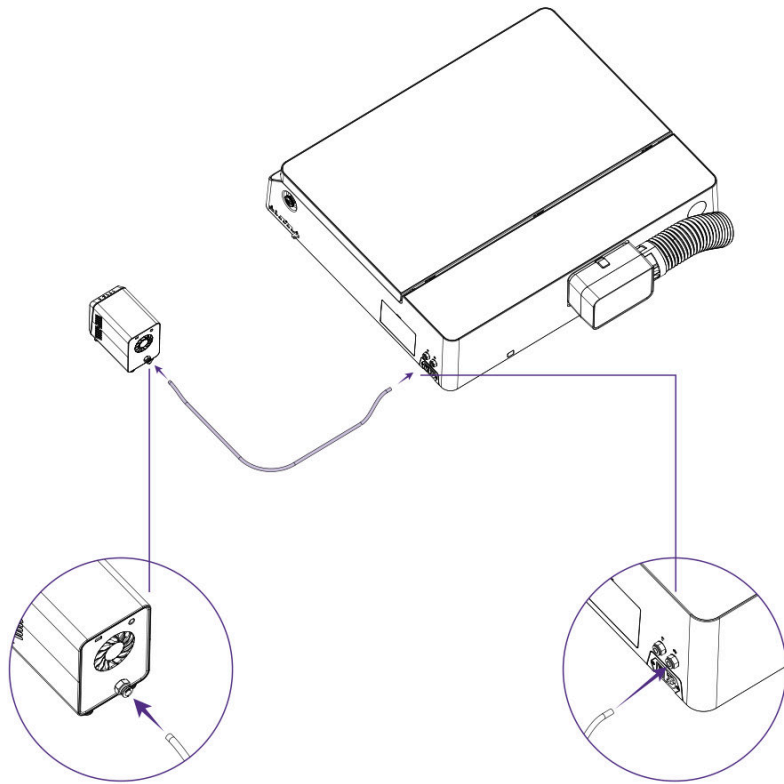
① Note: Aliencell Air Assist Pro will only recognize the different task modes from AliencellSpace. It cannot automatically determine project files generated by other software. Manual gear setting is required.

Indicator description

Indicator	Indicator status	Device status
Auto mode 	Solid white	Auto mode
1 gear indicator 	Solid white	In 1st gear
2 gear indicator 	Solid white	In 2nd gear
3 gear indicator 	Solid white	In 3rd gear
Device state indicator 	Off	Bluetooth is off
	Blinking blue	Bluetooth waiting to connect
	Solid blue	Bluetooth connected
	Blinking red	Faults occurred

Use Aliencell Air Assist Pro on Aliencell X1

STEP 1 Connection of air hose

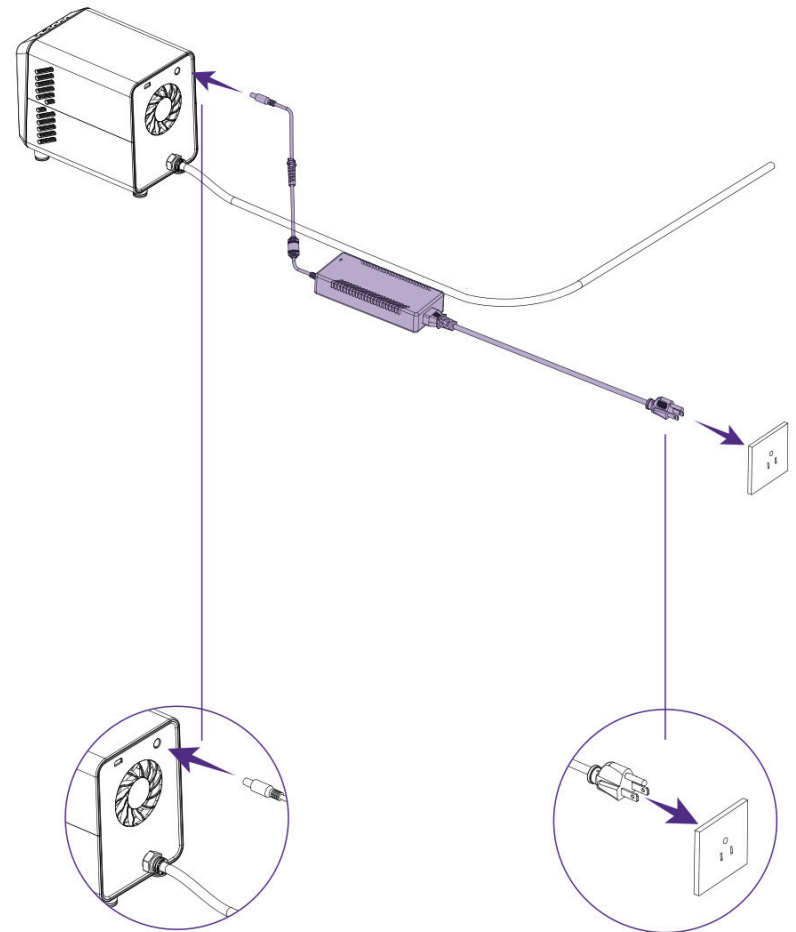


Connect the air hose to the air outlet on the back of the pump.

Connect the air hose to the air inlet on the device.

STEP 2 Connect to a power supply

Connect the power cord to the pump and plug it into an outlet.

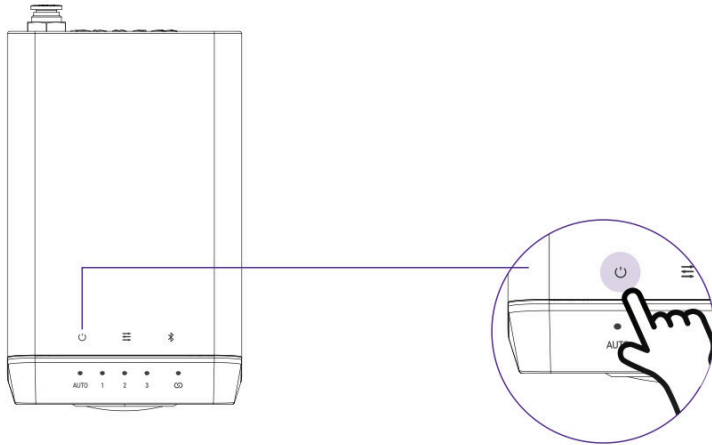


Connect the power cord to the air pump.

Plug the power cord into the electrical outlet.

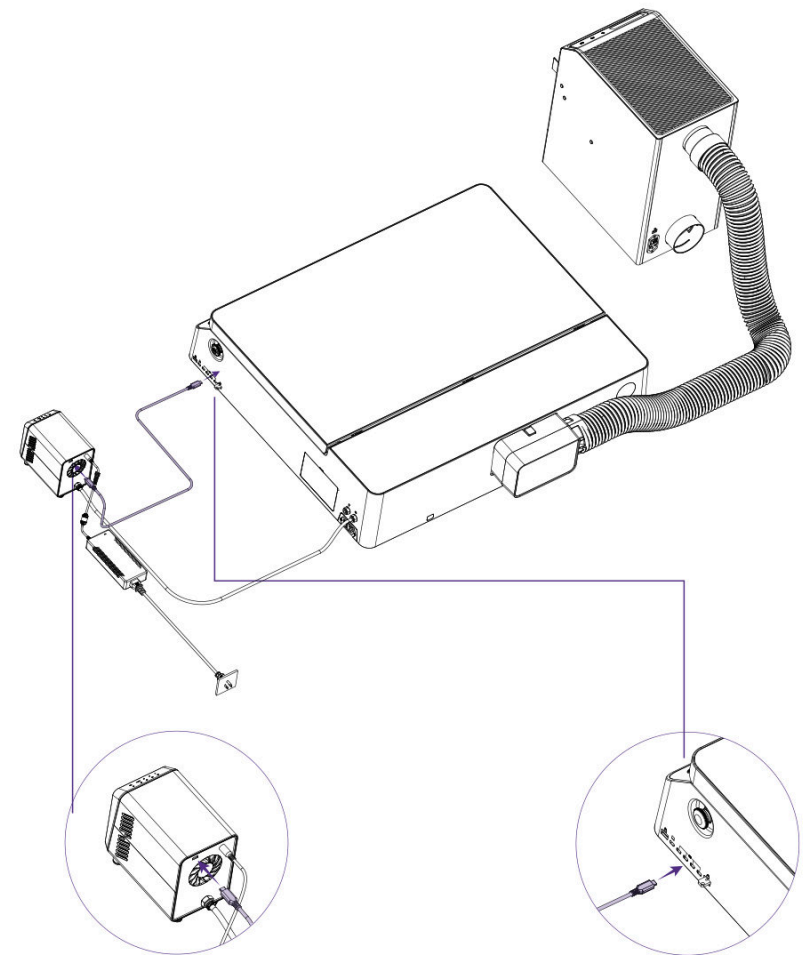
STEP 3 Turn on the Air Assist Pro

Click the power switch icon on the top of the air pump.



STEP 4 Connect Air Assist Pro

Wired connection

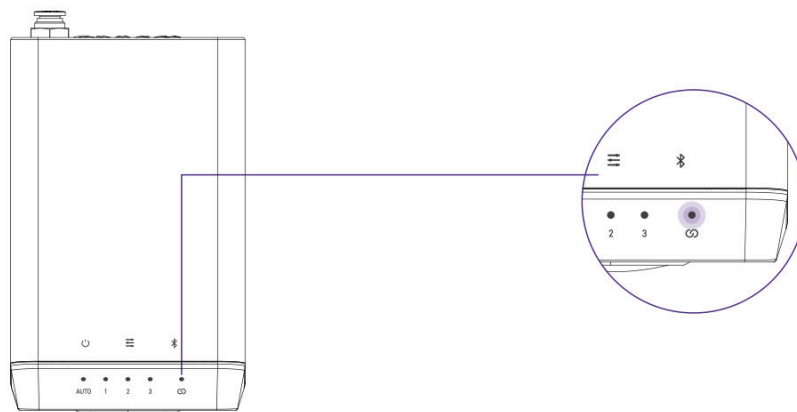
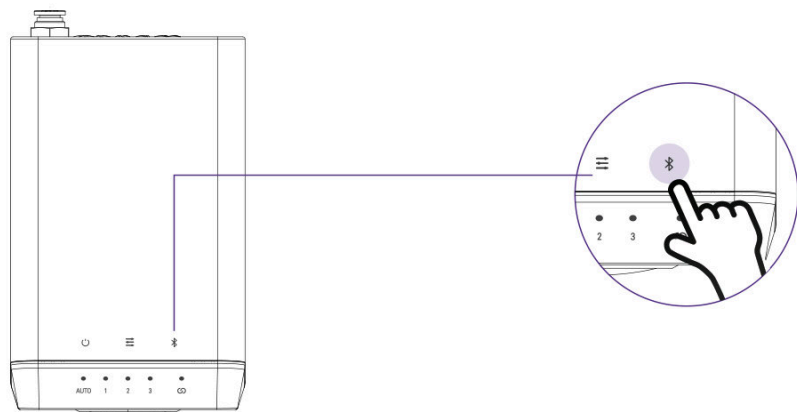


Connect the Mini-B data cable to the communication port on the air pump.

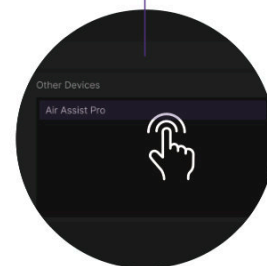
Connect the other end of the cable to the peripheral port on the device.

Bluetooth connection

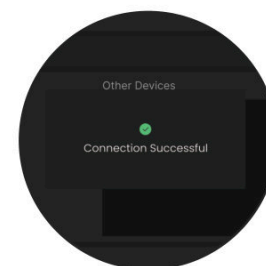
- 1 The status indicator light on the pump device is blinking blue slowly.



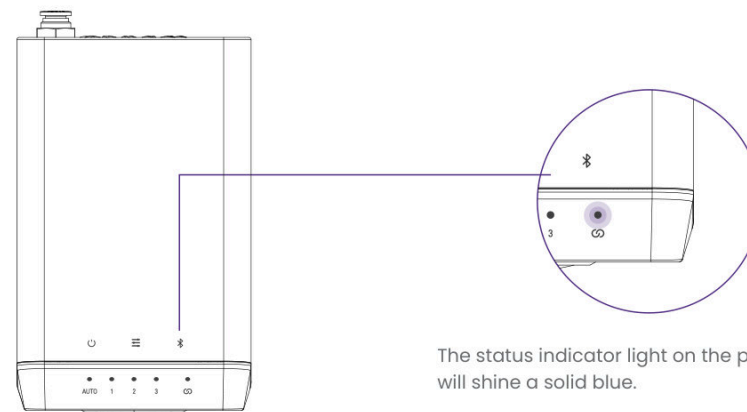
- 2 Tap "Connect" on the Aliencell X1 Bluetooth interface.



Tap the "Air Assist Pro" option in the Bluetooth interface.



A "Connection Successful" prompt will appear.



The status indicator light on the pump will shine a solid blue.

FCC WARNING

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.
Any 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.
- To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.

IC Caution

This device complies with Innovation, Science and Economic Development Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

This device may not cause interference, and this device must accept any interference, including interference that may cause undesired operation of the device.

To maintain compliance with RSS-102 RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.

After-sales services

For technical support, contact us at support@aliencell.com

For more information about after-sales services, visit <https://wiki.aliencell.com>



Online Help Center

Warranty scope	Warranty period	Instructions
Main parts	12 months	The main parts of the product except the non-warranty parts below.
Accessories	No Warranty (Free replacement if damaged upon receipt)	User Manual, Tube, Filter

For more information about after-sales services, visit <https://shop.aliencell.com/pages/AfterSale-Policies>



Warranty Policies