

Artec Turntable

Basic User Manual



Version 1.2



Welcome

Thank you for your purchase of Artec Turntable.

We'd love to hear about your experiences as you start using it. Whether you want to share a case study or demonstrate new ways in which you work, or if you need any guidance along the way, we are always ready to listen. Please feel free to get in touch with us at support@artec3d.com!

For the Artec Turntable and other Artec manuals, scan the QR code or visit: <https://docs.artec3d.com/>.



While every effort has been made to ensure the accuracy and completeness of the information in this user manual, Artec 3D assumes no responsibility or liability for any errors, omissions, or inaccuracies. The contents are provided “as is” and is subject to change without prior notice.

Ensure that the product is used in accordance with the latest version of this document on the manufacturer’s website.

CAUTION

This turntable is intended for use by adults only who have read and fully understood the user manual. Users must assess and accept all associated risks before operating the device. Improper use of the battery can lead to damage to the turntable, personal injury, loss of scanned items, harm to other equipment, or financial losses.

To ensure safe and effective operation and to minimize these risks, it's crucially important to carefully read and understand this User Manual before beginning any work. Always follow all safety instructions and guidelines provided. If you have any questions or if any part of the user documentation is unclear, please do not hesitate to reach out to our support team for assistance.

Safety Information

Electrical safety

- Do not attempt to handle the plug or power connector with wet hands.
 - Do not use parts or products that are not approved by Artec 3D. Artec 3D is not responsible for any problems caused by the use of unapproved parts or products.
 - Do not force the connection when plugging in the adapter or power connector.
 - Do not expose the turntable to water, alcohol, benzene, or any other chemical.
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Device usage

- Avoid using Artec Turntable continuously for an extended period.
 - Do not place objects on the turntable when it is rotating. Stop the device first.
 - Do not place objects exceeding the maximum weight (3 kg) on the turntable, and always position objects at the center to avoid damaging the device.
 - Do not turn the rotary plate manually or touch the turntable while it is rotating.
 - Do not subject the unit to excessive shocks.
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Temperature and environmental conditions

- Do not expose the unit to temperatures below 0 °C or above +40 °C. Artec Turntable is not suitable for use in humid rooms and is intended for a non-condensing environment with relative humidity up to 70%.
 - Do not leave the unit in direct sunlight or in a car for extended periods, as this may cause a malfunction.
 - Do not store the turntable close to high-heat sources.
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Care and storage

- Store Artec Turntable in a dry, non-condensing environment. The recommended storage temperature is -20 °C to +65 °C.
 - Do not leave the unit in direct sunlight or in a car for extended periods, as this may cause a malfunction.
 - Do not store the turntable close to high-heat sources.
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Other risks

- Do not put the turntable in a microwave oven, dishwasher, washing machine, or dryer, and do not drop, disassemble, crush, bend, puncture, shred, or incinerate the product.
 - This product is not edible.
 - Keep out of reach of children.
 - If you experience any physical discomfort after using the unit, stop using it immediately.
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Product specifications

Technical specifications

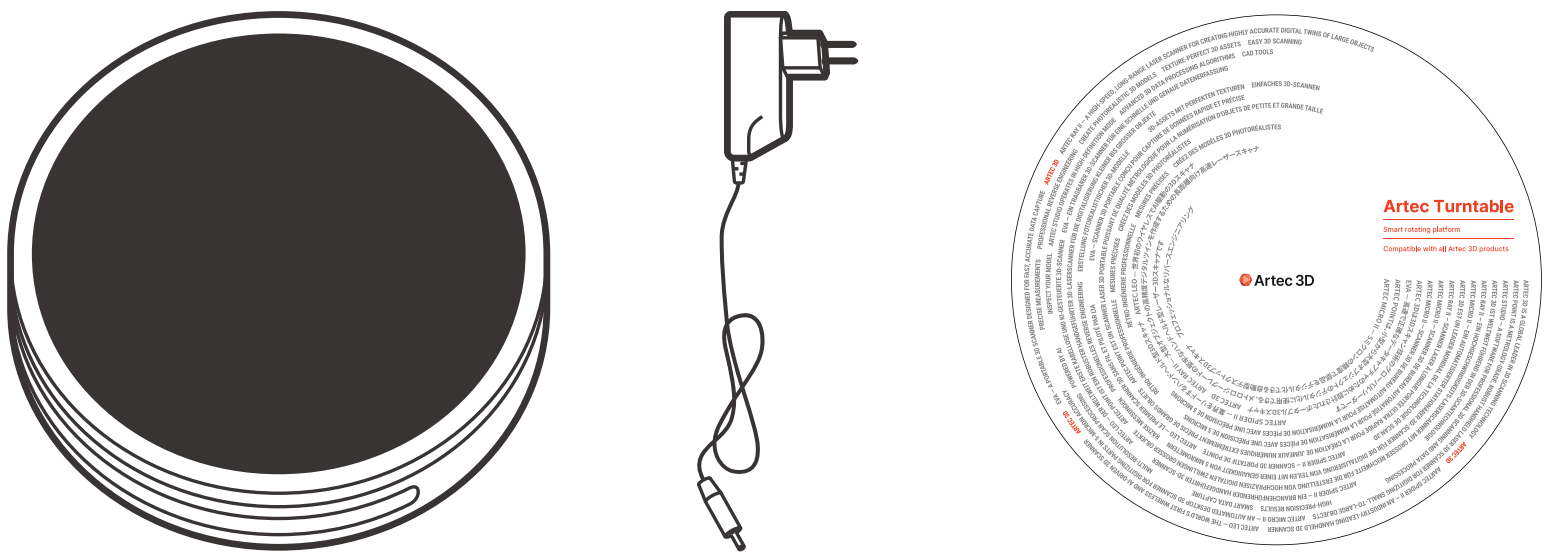
Element	Value
Rating input	DC 12V - 1.2A
Radio protocol	Bluetooth 4.0
Radio frequency	Worldwide ISM Band(2.4GHz ~ 2.4835GHz)
Current consumption	Sleep mode: <2mA Standby mode: <8mA Operation mode (Nominal): <440mA Operation mode (30usec pulse): <620mA
Max load	Up to 3Kg
Size	253.6mm(D) x 43mm(H)
Weight	Approximately 521g (excluding 97g adapter).

AC/DC Adapter specification

Rated voltage range	100Vac – 240Vac
Rated input frequency	50Hz/60Hz
Input current	0.35Amax., full load
Output voltage	12Vdc
Output current	1200mA
Operating temperature	0°C ~ + 40°C, full load, normal operation

Step #1

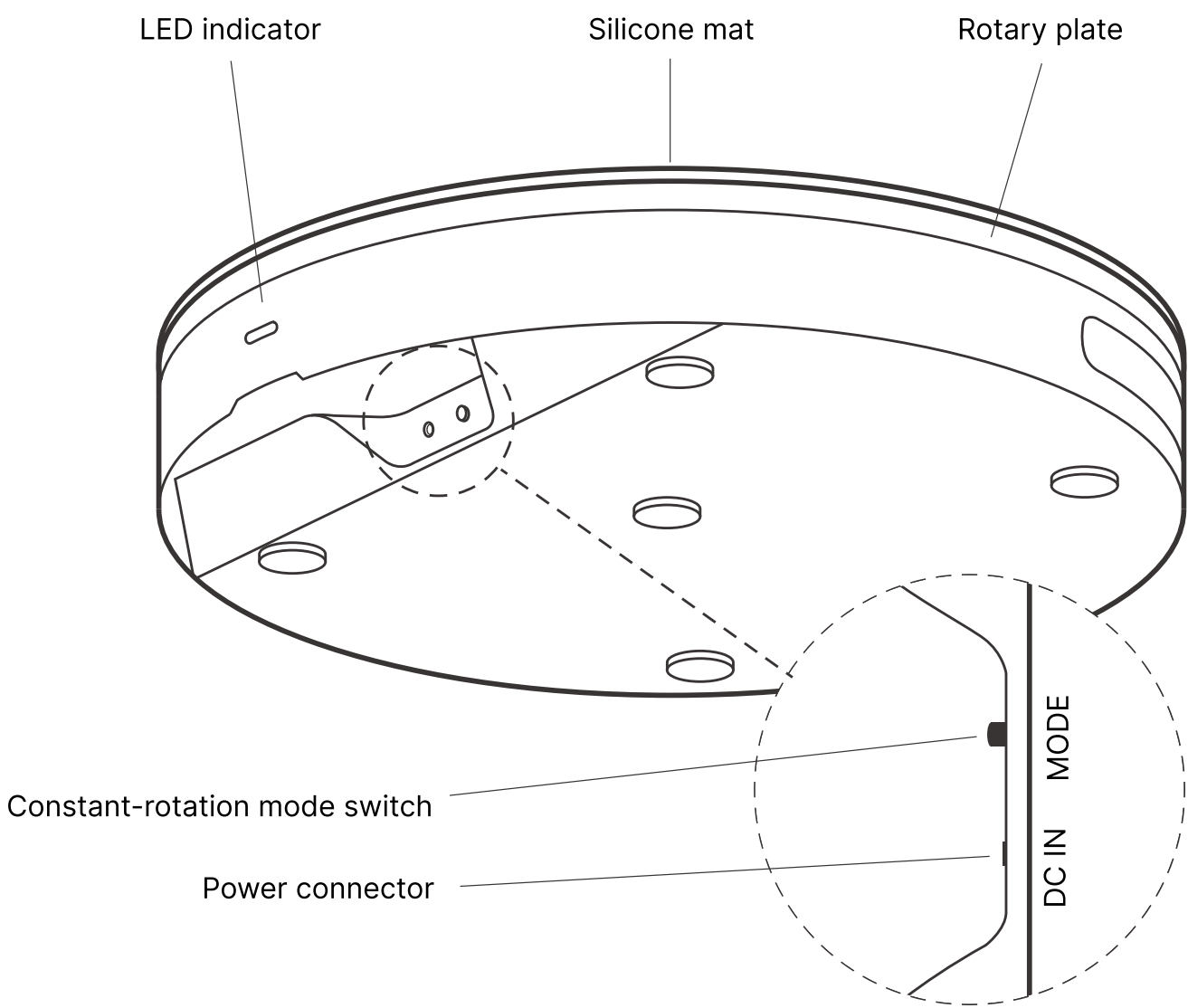
Scope of delivery



Scope of delivery:

- 1x Turntable
- 1x Power adapter with interchangeable plugs (EU, UK and US)
- 1x Silicone mat

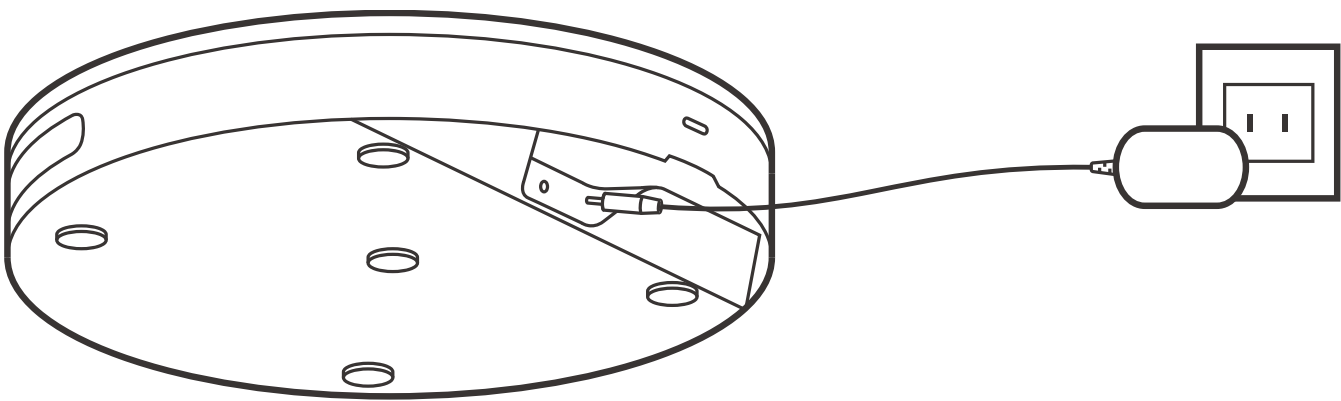
Product overview



Step #2

Example of setup / connection

Plug in the power cable. The status indicator will start blinking

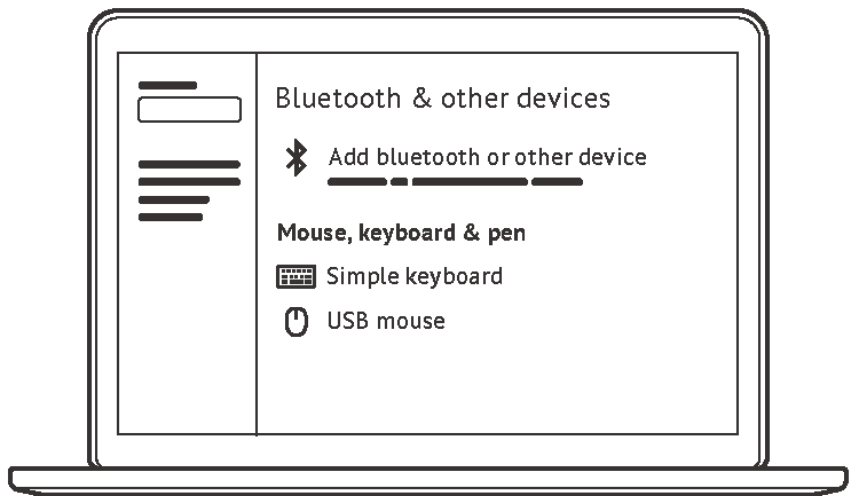


NOTICE

If the turntable immediately starts rotating, it's probably in the constant-rotation mode. To disable it, press and hold the MODE button for about two seconds until the LED indicator blinks.

To connect **Artec Turntable**

1. Ensure your computer has a Bluetooth adapter that supports the 4.0 standard.
2. Locate the Devices menu in your Windows settings.
3. Add a new Bluetooth device.
4. Select Artec Turntable from the list. Wait until the turntable is ready to go.



NOTICE

Bluetooth 4.0 is required.

Step #3

Startup

Artec Turntable is designed to ease scanning of small and midsize objects by eliminating the need to rotate them manually. It works with 3D scanners that require Artec Studio 12 (and later) software to assist with scanning. The software enables precise turntable control and seamless integration with the scanning process. Artec Studio must be purchased separately, and an Internet connection is required for download and licensing.

The best position for objects is in the middle of the turntable. When placing them, keep in mind that the maximum load is 3 kg (6.6 lbs).

Use in Artec Studio

1. Ensure that a 3D scanner is connected to your computer. Review the documentation (docs.artec-group.com) as necessary.
2. Open Artec Studio.
3. Access the **Scan** panel.
4. Select the **Use turntable** checkbox.
5. Place the object on the turntable.
6. Click **Preview**.
7. Click **Record** to start capturing. The turntable will start rotating.
8. Click **Pause** or **Stop**. The turntable will stop rotating.

Recovering lost tracking

If you experience a tracking loss, Artec Studio will pause the turntable. It also turns the rotary plate back by about 15 degrees. Once the application has recovered tracking, it resumes rotation.

NOTICE

Loss of grip may occur if dust or dirt accumulates on the mat or turntable surface. To restore grip, clean both surfaces using soapy water or an alcohol-based cleaner. Allow to dry completely before use.

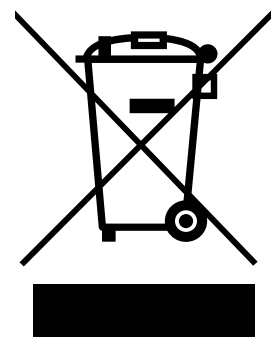
Regulatory Information



The European Union

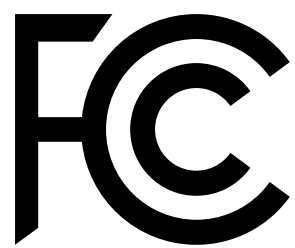
This product is in compliance with applicable EU regulations and **CE mark** is properly affixed to the scanner.

The applicable EU Directives are outlined in the CE declaration of conformity.



Disposal of Electrical and Electronic Equipment in Private Households

In the European Union, Norway, Iceland and Liechtenstein: This symbol on the product, in the manual, in the warranty, or on the packaging indicates that this product must not be treated as household waste. Instead, it should be taken to an appropriate collection point for the recycling of electrical and electronic equipment.



The U.S.

FCC Rules and Regulations

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 Warning Statement: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Other certifications and compliance information may be updated by Artec 3D from time to time. Please refer to [Artec 3D Support Team](mailto:support@artec3d.com) (support@artec3d.com) for more information.

FCC ID: 2AIOFM1000R

Manufacturer

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