Dual-axis Turntable

Quick Start Guide

V 2.0



The Revo_Scan only supports MINI 3D scanner at the moment.

Windows/Mac Application

1. Downloading the Software

Please download the latest version of Revo Scan at https://www.revopoint3d.com/download-2/

Note:

For Windows, Revo Scan V 4.1.0 and above support the Dual-axis Turntable. For macOS, the Revo Scan V 4.1.0 and above support the Dual-axis Turntable.

г		3D Scanner	3D Camera Support	t Forum	Become a Dealer	About Us	Shop
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MINI 3D Scanner							
By Tools	>	Softwar	e				
		Revo Sc	an				
			Windows V4.0.4		Mac V4.0.4 U	SB & Wifi	
			Android V3.0.9		ios v1.0.8		

2. Connect the scanner via USB to a laptop and double-click to open Revo Scan.

3. Updating the firmware.

Firmware updates are only supported via a USB connection.

1) After connecting the 3D scanner, this pop-up will ask you to update your scanner's firmware.



2) Click the "Upgrade" button, and the new firmware will be downloaded and installed automatically. Please follow the prompts to finish the firmware update. Once finished, the following window will pop up. And the 3D scanner will restart automatically.



4. Powering on the Dual-axis Turntable

Connect the Dual-axis Turntable to a power outlet. Please note that the Dual-axis Turntable requires at least 12V, 2A to work.

Once powered on, the Dual-axis Turntable will reset automatically.



5. Entering Bluetooth Pairing Mode

When the LED flashes green continuously, it's ready for pairing.



- 6. Pairing the Dual-axis Turntable and your 3D Scanner
 - 1) Open Revo Scan and click the Dual-axis Turntable icon on the status bar



2) Click Search, and wait for the Dual-axis Turntable to be discovered.

3) Click "Add" to add Dual-axis Turntable to the Paired Devices list.

4) Finally, click "Connect" to complete the process. When the turntable's LED is solid green, it's connected.

Turntable Settings	× 📴 Turntable Settings ×
Paired Devices:	Paired Devices:
None	REVO_DUAL_AXIS_TABLE(0d) Connect Delete Search
(Make sure your Bluetooth accessory is powered on.)	(Make sure your Bluetooth accessory is powered on.)
REVO_DUAL_AXIS_TABLE(0d)	

Note:

1. Reset the Dual-axis Turntable by double click the on/off button, and the Bluetootn keeps connection.

2. Press the on/off button on the Dual-axis Turntable, disconnect the Bluetooth.

7. Start Scanning with the Dual-Axis Turntable

1) Click on the "Scan" button.

2) Pick your scan's setting, then select "Dual-axis Turntable".

3) Click Ok.

	New Project			
Preview	Name: model-2022	s/99687/handylookdata/pr Change		
Scan	Import an existing 3D	model file and continue scar	nning ?	
	Scan Settings:		Custom Settings:	Default 🗾 Delete
E Model List	Accuracy:	○ Fast Scan	High Accuracy Sca	n
🗐 Guide	Scan Mode:	Features	O Marker	O Dark
Support	Texture:	No Color	O Color	
	Collaboration:	O None	ရှိ 2-Axis Turntable	
				Cancel OK

4) Configure your turntable by selecting a rotation speed and X-axis angle for up to 5 rotations. The Z-axis rotation speed can be adjusted from 36 to 60 seconds per rotation.

The X-axis angle can be adjusted within a range of ±30°.

Dual-axis Turntable Settings					
Paired Devices:					
REVO_DUAL_AXIS_TABLE(0d) Dis	connect	De	lete	Search
Make sure your Bluetooth acces	sory is powered	on.)			
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Rotation Speed of 2-axis				0	
36 🔵 — 60	36 🗘 (s	/r)		\geq	
X-axis Angle					
let estation	V avia	00			
1st rotation	X-axis	0-	•		
2nd rotation	X-axis	15°	:	_	
		150		XD	0
3rd rotation	X-axis	-15°	•		
4th rotation	X-axis	20°	÷		
4th rotation	X-axis	20°	•		
4th rotation5th rotation	X-axis X-axis	20° -5°	:		
4th rotation5th rotation	X-axis X-axis	20° -5°	; ;	_	Class

5) Once configured, click "Close."

6) Click the "Start" button to begin the scan. The turntable will start spinning and automatically follow the previously selected settings.

8. Finishing the Scan

The scan will automatically stop once the Dual-axis Turntable has completed all its set rotations. Select "Complete" to finish the scan.



9. Model Comparison



Android Application

APP for controlling the Dual-axis Turntable on your Android has came online at https://www.revopoint3d.com/download/

