# MOZA SLYPOD

User Manual

Battery and Charging

The MOZA Slypod comes with a built-in lithium battery. When charging for the first time, please fully charge the Slypod to activate the battery. Solid red indicates the Slypod is under charging, solid blue indicates the charging is completed. With a Type-C interface, the Slypod is able to be charged by a mobile phone charger or external power bank. It will automatically stop charging when the battery is full.

Note:

1. It's recommended to use the original charging cable provided in the package!
2. Do not overcharge or over-discharge the battery, otherwise the battery cell will be damaged.
3. If the battery is idle for a long time, please recharge and discharge it every 3 months to keep it active.

MOZA Slypod Overview

Pan-and-Tilt Head

Arca-Swiss
Quick Release

1/4" and 3/8" Extension Hole

Quick Release
Screw

Quick Mounting
Port

Main Body

Operation Button

Charging Port

Indicator Light

Power Button

Handle

Adapter (accessory)

1/4" to 3/8" Adapter Screw

1/4" Extension Hole

Quick Mounting
Port
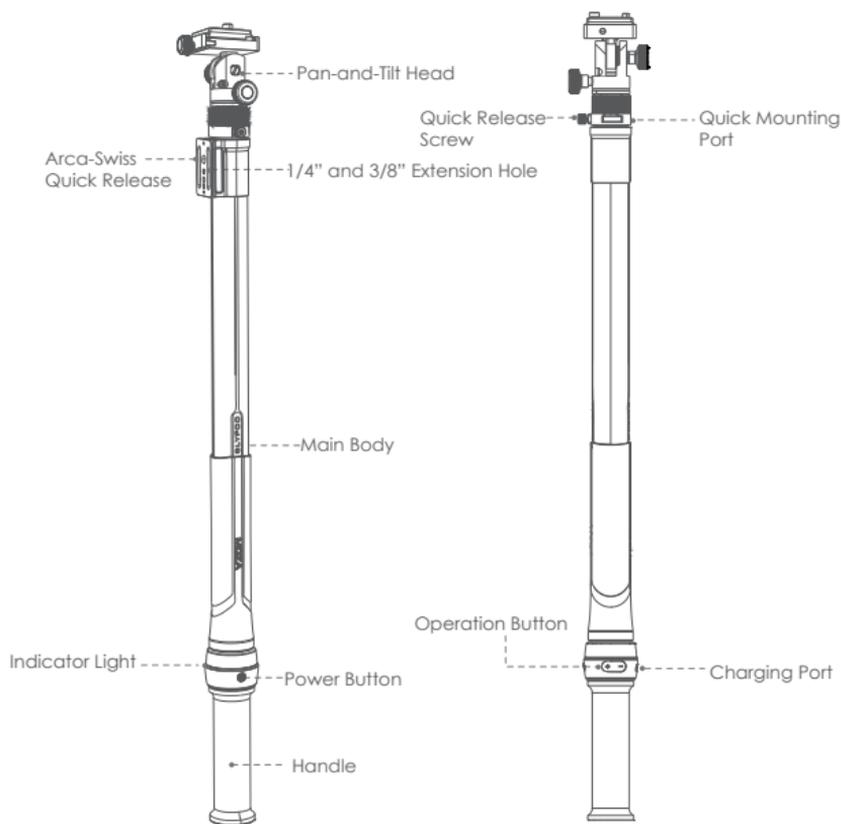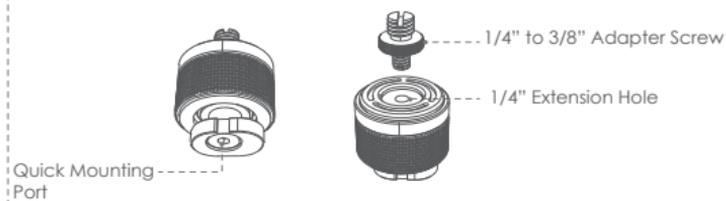
There is a 1/4" extension screw hole on the top of the adapter, and it comes with a 1/4" to 3/8" adapter screw to meet installation needs of different shooting devices.

Handle

1/4" Screw Hole

3/8" Screw Hole

3/8" to 1/4" Adapter Screw
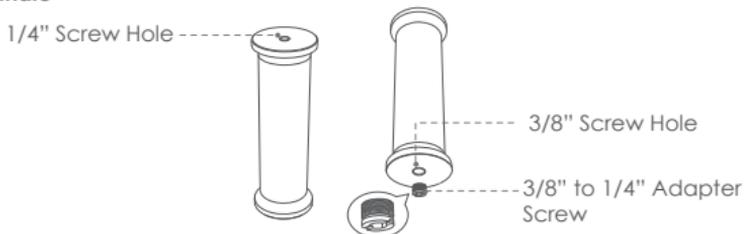
There is a 3/8" extension screw hole on the bottom of the handle, and it comes with a 3/8" to 1/4" adapter screw to meet installation needs of different shooting devices. (Such as monopod, tripod, etc.)

Pan-and-Tilt Head

Quick Mounting Port

Pan-Tilt Lock

Knob Screw

Pan Knob Screw

Quick Mounting Port
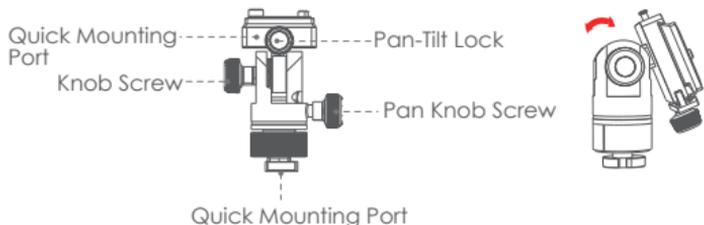
● Loosen the pan knob screw to adjust the pan rotation angle, then tighten the pan knob screw.
● Loosen the tilt knob screw first, press it inward to rotate the quick release baseplate to adjust the tilt angle (±90°)
● Stop pressing the screw, then tighten it to fix the tilt angle.

Safety Lock

Quick Release Baseplate

Pan-and-Tilt Lock

Quick Release Plate

1/4" Screw Hole   3/8" Screw Hole
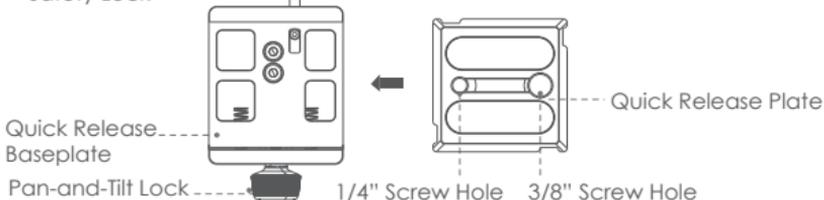
● Slide the quick release plate onto the baseplate, tighten the pan-tilt lock to fix the release plate;
● Loosen the pan-tilt lock, press the safety lock to detach the release plate from the baseplate;
● The quick release plate is equipped with 1/4" and 3/8" screws to meet different mounting needs.

Arca-Swiss Quick Release

3/8" Screw Hole
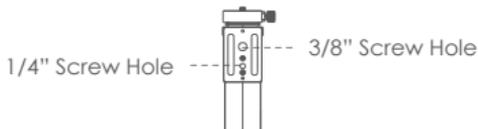
1/4" Screw Hole

Arca-Swiss quick release on the main body has a 1/4" screw hole and a 3/8" screw hole to meet various extension needs. When the Slypod is horizontally mounted on a tripod via the Arca-Swiss quick release, the Slypod can be used as a motorized slider.

Mounting

- **Mounting the handle**

Align the 1/4'' screw hole on the handle with the 1/4'' screw on the bottom of the main body, turn the handle anticlockwise to tighten it.
Turn the handle clockwise to detach the handle from the main body.
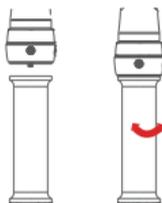
- **Mounting the pan-tilt head**

Push the quick mounting port into the groove at the top of the pole until fully fit.
Tighten the knob 3 clockwise to secure the head onto the pole;
Turn counter-clockwise to loosen the knob 3, then turn the knob 4
counter-clockwise to detach the head from the pole. After the Pan & Tilt head is detached, reset the quick release knob.
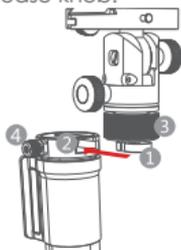
- **(Mounting the adaptor) The same method as mounting the pan-tilt head.**
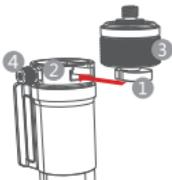
Getting Started

Long press for 3 seconds: Power on/off

Button Operations

	Power Button	Device status	Extend+	Retract-
Click once	Photo taking control via the shutter cable	Static	Start to extend	Start to retract
	——	Extend	Accelerate by one gear	Decelerate by one gear
	——	Retract	Decelerate by one gear	Accelerate by one gear
	Click all three buttons at the same time: reset (blinking white)			
Long press	Power on	Static	Start to extend and continue to accelerate	Retract and continue to accelerate
	——	Extend	Keep extending and continue to accelerate	Extending decelerates first, then start to retract
	——	Retract	Retracting accelerates first, then start to extend	Keep retracting and continue to accelerate
	——	——	Long press +/- buttons at the same time: automatic reciprocating mode (The blue light lasts for 1s indicate a mode switch.)	
Double click	Stop	——	——	——
Triple click	Reset + Turn Off (Blinking red)	——	——	——

App Download

Scan the QR code below or search in the App Store to download the MOZA Master App.

IOS   Android

Device Connection (Wireless)

Download the "MOZA Master" App.

a. Turn on the Slypod and mobile phone Bluetooth.

b. Launch the "MOZA Master", select the device to connect.

c. Enter the operation interface after connection is completed.

App Operation

⚠ It is required to activate the device according to the instructions before the first operation. Please refer to the latest App version. There is no further notice for App updates, please check on our official website and the App store. When the Slypod is controlled by the App, other buttons will be disabled except for the power button.

● Regular Mode

Slide the red operating point from the starting point to any position, the Slypod will move accordingly. Release the operating point, the Slypod will stop moving. Long click Downwards or Upwards icon, the Slypod will automatically move up or down. Click Downwards or Upwards icon again to stop the movement. Click the 'Take photo' icon, and Slypod will control the camera to take a photo. (Please make sure your Slypod is connected with the camera control cable, the camera control cable needs to be purchased separately). Speed Setting: Click Speed icon to set the speed, and the Slypod will move according to the set speed.

Maximum moving distance is 280mm

Operating Point, the current movement distance is 60mm

Control the camera to take photos

Long click to control the movement, click again to stop movement
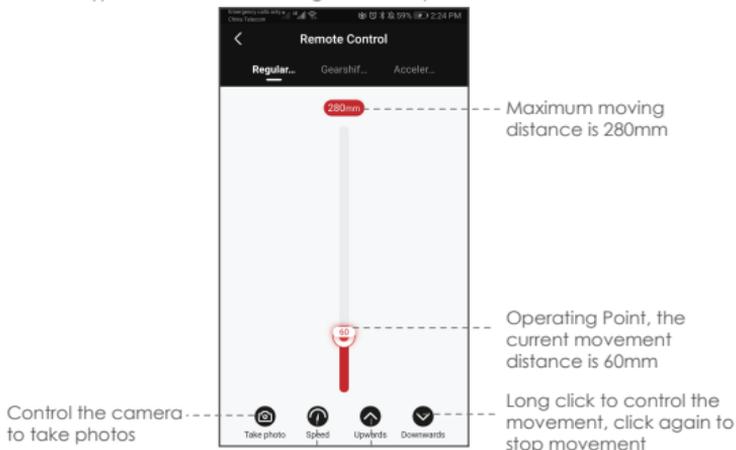
Set the up-and-down movement speed of the Slypod

Long click to control the movement, click again to stop movement

● Gearshift Mode

Click Upwards or Downwards icon to control the movement of Slypod. Click again to stop the movement. Click Take photo icon to control the camera to take a photo. (Please make sure your Slypod is connected with the camera control cable, the camera control cable needs to be purchased separately). Speed Setting: Click speed icon to set the speed, the Slypod will move from the current speed to the set speed and then decelerates to the end position. (The end position speed is 0).

Maximum moving distance is 280mm

The current movement distance is 60mm

Click to control the movement, click again to stop movement

Control the camera to take photos

Set the up-and-down movement speed of the Slypod

Click to control the movement, click again to stop movement

5
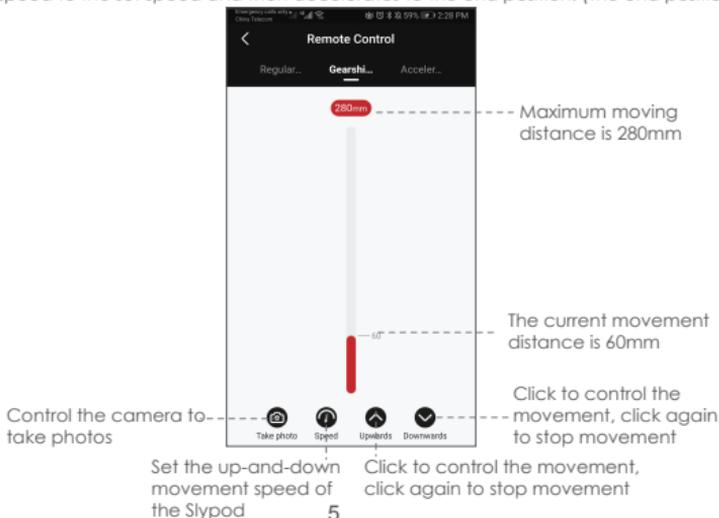
● Acceleration Mode

Click Upwards and the device will move up automatically; click again and the device stops moving. Click Downwards and the device will move down automatically; click again and the device stops moving. Click 'Take photo', the Slypod controls the camera to take a photo. (Slypod needs to be connected to the camera with the camera control cable, the camera control cable needs to be purchased separately) Speed setting: Drag the white mark to set the device acceleration speed, and the device will continue to accelerate to the end position according to the set speed (When the Slypod extends to 280mm or retracts to 0mm, it will reach the setting speed)
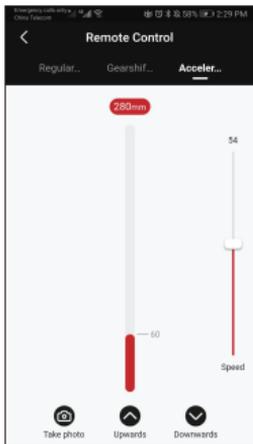

● Segmentation Mode

Select the segmentation mode, add a path (Click ⊕ to add the path. 5 paths is the most that can be added, click confirm before adding the next path).Slide the S operating point and the E operating point to any position to set the starting position and end position of the first path. Slide the E operating point to set the end position of the second, third, fourth or fifth path. Then,the starting point of the next path will be the end position of the previous one.


Path number

S operation point

E operation point

Click to delete the path

Click to reset the path

Click to add the path

Tap to the red area to set the running time

Beginning (number shows the distance from the origin)

End (number shows the distance from the origin)

Click to start

Click to confirm the path before adding the next path.

6
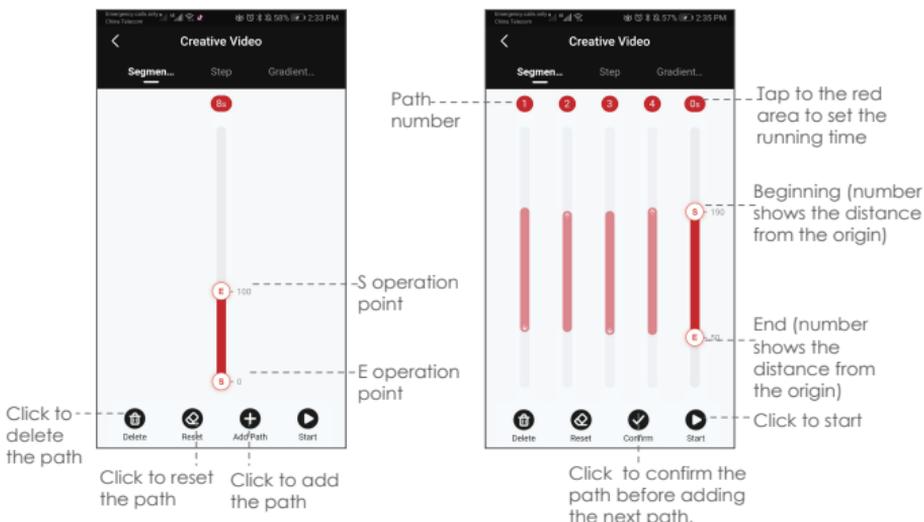
Click ![confirm icon] to confirm the path and set the running time. The next path can be added after confirming the path. Click Confirm and the Slypod will run according to the setting after the countdown is over. At this point, enter the Segmentation time-lapse interface, click on the red circular area, the Slypod can control the camera to take pictures. (Slypod needs to be connected to the camera with the camera control cable)
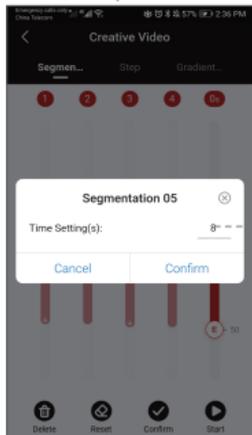

Set path running time

Click on the red circular area, the Slypod can control the camera to take pictures

● **Step Time-Lapse**

Select Step mode to set Travel Distance, Frame Number, Cycle Setting, Exposure Time, Interval Time and FPS. Click "+""-" to adjust the parameter, click to start, the Slypod will run according to the set parameters, the interface will display Shooting Time Taken, Total Shooting Time, Total number of photos. Enter the Step time-lapse interface, click on the red circular area, the Slypod can control the camera to take pictures. (Slypod needs to be connected to the camera with the camera control cable)
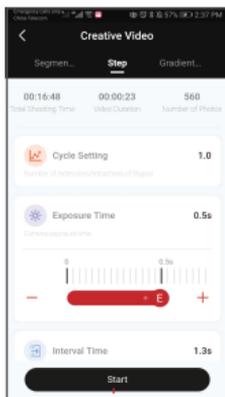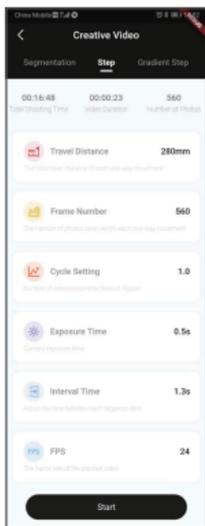
Click Start, the Slypod will run according to the setting
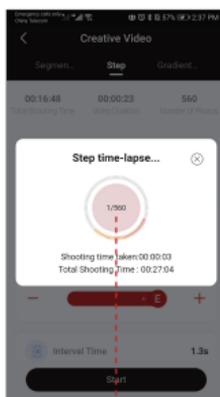
Click on the red circular area, the Slypod can control the camera to take pictures

● Gradient Step Time-Lapse

Select the gradient Step Time-Lapse and set the travel distance, frame number, cycle setting, exposure time, interval time, FPS, increment and decrement of interval. For the first time, click ⊕ to add the first group of increment or decrement of time and frame number, and click again the ⊕ to add a second group(5 groups can be added at most). Click Start, the device will move according to the settled parameters. The interface will show the total shooting time, video duration, and the number of photos. During the shot, click the center red area, the Slypod will control the camera to take photos.(Slypod and camera need to be connected with camera shutter control cable)
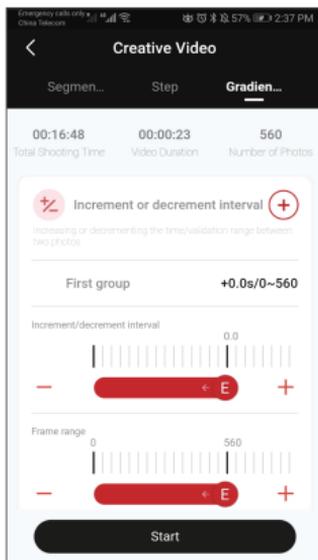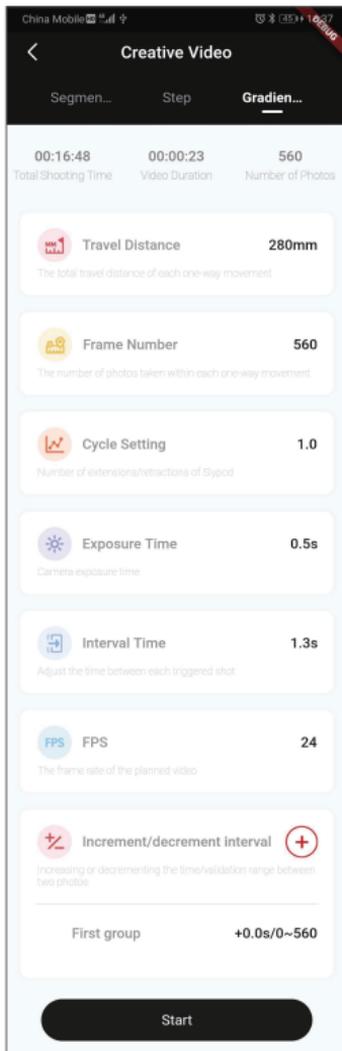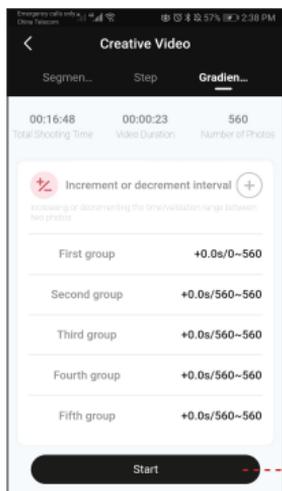
Click to start the Gradient Step Time-lapse
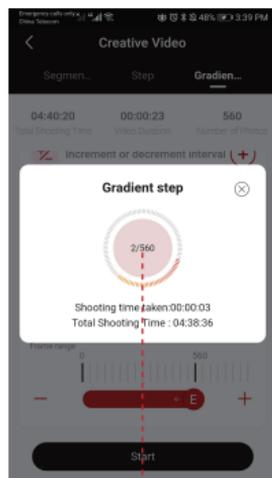
Click to control the camera

● **Setting-Indicator Light**

Enter the operation interface, select Setting-Indicator Light, up to 5 kinds of indicator light colors can be set based on personal preference.
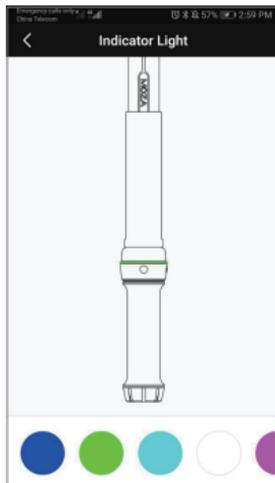
Firmware Upgrade

Updating the firmware of Slypod should be done in the charging state. When in charging state, turn on the device, connect it to the App, enter the operation interface and start the firmware upgrade. The device must be restarted after the firmware upgrade succeeds. If the upgrade fails, the process needs to be repeated until the upgrade succeeds.

Color Definition

Charging	Solid red
Charging completed	Solid blue
Power on	Solid green
Under-voltage alarm	Solid orange
Low voltage alarm	Blinking red + automatic reset &shutdown (unable to power on when pressing the power button)
Start/stop running switch	Blinking green for 1s
Calibration status	Blinking white
Testing/operating modes switch	Blinking blue for 1s

Charging

Uncover the rubber sleeve over the charging port, the Type-C interface is inside. The Slypod can be charged by mobile phone charger, mobile power bank, etc. It will automatically stop charging when the battery is full, please disconnect the charger then (It is recommended to use the original charging cable provided in the package)

Calibration

Calibration is needed when there is abnormality with the device. There are two ways to calibrate the Slypod: Click all three buttons (power, +, -) at the same time.Enter the operation interface to start calibration in the App.
Please subscribe Gudsen MOZA official YouTube channel for the latest tutorials.

Specifications

Slypod	
Size	Storage Length: 585mm（grip excluded）
	Expanded Length: 996mm
	Max Diameter: 54mm
Weight	Main Body: 769g
	PTZ Head: 310g
	Grip:118g
Payload	Vertical: 9kg
	Horizontal: 4Kg
Operating speed	Highest: 28mm/s
	Lowest: 0.15mm/s
Operating Voltage	8.5v -12.6v
Battery Life	120min
Working Temperature	- 10 ℃ - 50 ℃
Communication Interface	Bluetooth
	2.4G
	Type-C
Battery Model	Lithium-ion Battery
Battery Capacity	600mAh
Battery Voltage	11.1V
Charging Port	Type-C USB
Charging Voltage	5V
Charging Time	90min

Contacts

Official Website

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Tutorial

Firmware Upgrade
and Calibration
YouTube QR

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