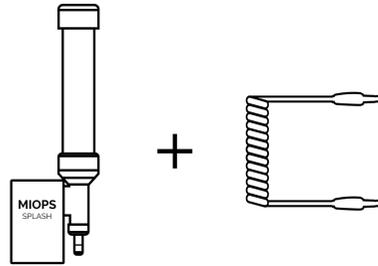


QUICK START GUIDE

MIOPS SPLASH

miops.com

Package Contents



MIOPS SPLASH

Flash Cable

System Requirements:

Please visit www.miops.com Your smartphone must have MIOPS MOBILE app installed.

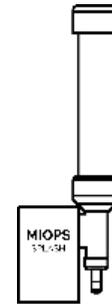
Battery: 23A – 12V Alkaline Battery

Tube Length: 17cm Tube Diameter: 3.2 cm

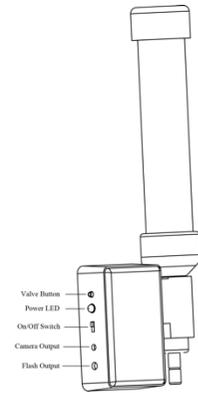
Device Selection

You need to install the **MIOPS Mobile** app. The app opens with a selection screen. You need to select which equipment you are going to use to control your flash or camera.

MIOPS Splash users need to select the MIOPS Splash icon.



Device Input/Outputs



Valve Button: Releases the valve

Power LED: Indicates the power status.

On/Off Switch: Controls the power.

Camera Output: Connects to the camera.

Flash Output: Connects to the flash.

Application Settings

You can open the application settings, by touching the gear icon at the right top corner of the screen.

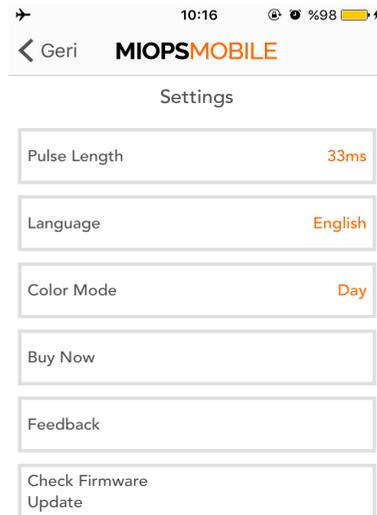
You can change various settings of the app using this screen. The changes to the settings will be saved automatically.

The first setting is the “Pulse Length”. **MIOPSSPLASH** generates a pulse to trigger your camera. You can set the length of the pulse in milliseconds.

You can select between available languages by changing the “Language” parameter.

You can click the “Buy Now” button to shop on miops.com web store.

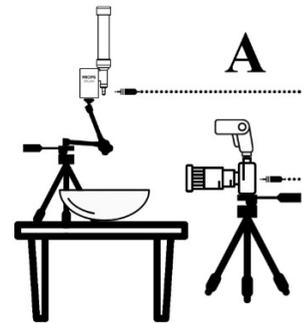
You can send your questions and request using the “Feedback” button. You can also send a screenshot to show any issues you might have.



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Connection Modes

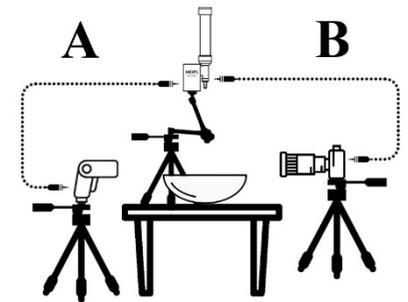
Camera Mode



In the Camera mode, MIOPS Splash will trigger your camera only. You need to connect the camera connection cable from MIOPS Splash to the shutter release port of your camera.

Once you set the drop sizes and press the Start button on the app, MIOPS Splash will send the drops and then trigger the camera. You can add a delay.

Flash Mode



In Flash Mode, MIOPS Splash can trigger both the camera and the flash if you make the cable connections A and B.

MIOPS splash will trigger the camera first. As the shutter is still open, it will release the drops and then trigger the flash. Finally, it will close the shutter of the camera. BULB mode or long enough exposure needed.

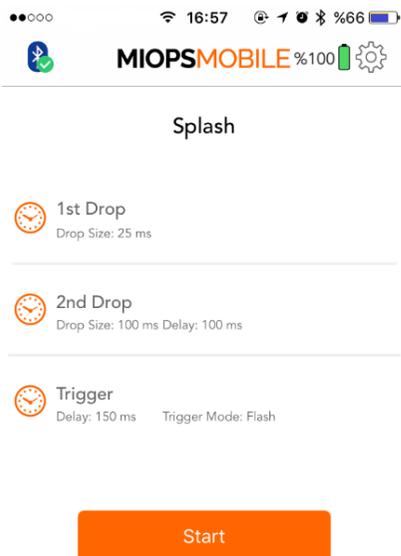
Adjusting the Drop Size

You can adjust the drop size using the app. The drop size is controlled by the duration of the valve staying open. If you want to see bigger drops, then you need to increase the time. It is given in milliseconds. If you set it to very high value then water will just flow through the valve.

If you don't want to send the second drop, you can set it to 0 msec. This will avoid the second drop. You can add a delay between the two drops. MIOPS Splash will send the second drop with the set delay.

You can also add a delay to the trigger of the camera or flash. This way you can achieve the exact photo you want.

You can play around with the exposure and light settings of your flash and camera to adjust the shoot. Below, you can see a sample setting for water drop photography. The second drop will hit the first one after it bounces.



Changing the Battery

After some use, you may need to replace the battery of MIOPS Splash. The battery will last depending on how much you use it. It is easily replaceable. You can only use a 23A 12V alkaline battery. You will need a Philips screwdriver to change the battery. You can follow these steps to change the battery of the MIOPS Splash.

- Turn the MIOPS Splash off.
- Unplug any cables.
- Remove the screws at the bottom of the device with a Philips screw driver.



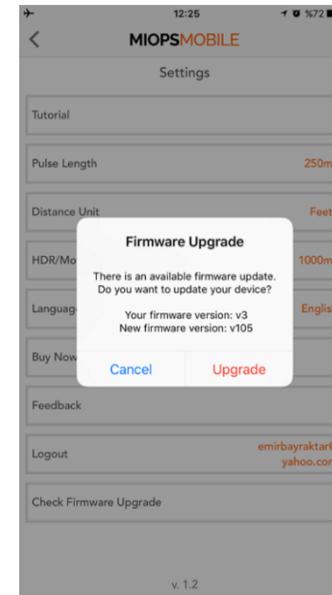
- Remove the old battery.
- Put a compatible battery by observing the battery polarity.
- Put the cover back on and tighten the screws.



Firmware Upgrade

MIOPS Splash has "Firmware Upgrade over the Air" capability. In other words, you don't need to make any cable connection to complete the firmware upgrade. You can follow these steps to complete the firmware upgrade of your MIOPS Splash.

Open the MIOPS Splash app and go to the Settings screen. Select Check Firmware Upgrade. The app will connect to the server and check if there is a firmware upgrade available for your device. If a new version of the firmware is found, the app will notify you with a pop-up screen.



If you want to upgrade the firmware, touch the "Upgrade" button. At this point, the MIOPS Splash must be in "Firmware Upgrade" mode. In order to put MIOPS Splash into "Firmware Upgrade" mode, do the following:

- If it is turned on, turn it off using On-Off switch.
- Press the Valve button and as it is pressed turn the MIOPS Splash on.
- The Status LED will glow RED continuously.

- Your device is now on Firmware Upgrade mode.
- The app will discover your unit and it will connect to it.

You can complete the firmware upgrade by following the instructions provided by the app. If any error occurs during the firmware upgrade process, you will be notified with related information messages.

Tips & Tricks

The most preferred way of taking splash pictures is triggering the flash while the camera is on open shutter. You can do water drop photography by triggering your camera or your flash and MIOPS Splash can handle both of them.

Make sure that you set an appropriate drop size. If you keep the valve open too long, then you will not get a drop.

Make sure you give enough delay between the first and second drop. This will help to create the collision effect, where the second drop hits the bouncing first one.

If you trigger the flash only, pressing the shutter button on the camera may cause a shake. In order to avoid that, you can either use a manual remote or the better way is connecting the camera to MIOPS Splash as well (Optional Camera Triggering cable is required). MIOPS Splash will keep the shutter open for the shoot. The camera must be either on BULB mode or exposure duration long enough for the drops to hit.

You can get a full version of the user manual at www.miops.com. For all kind of questions, you can send an email to info@miops.com.