CANON

# HOW TO SHOOT A SLOW-MOTION VIDEO WITH EOS M50

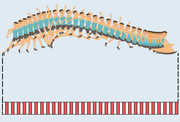
Slow-motion videos like a runner crossing the finish line or bursting a water balloon can be absolutely mesmerising to watch, especially when shot properly and effectively. From setting a higher frame rate to getting the lighting right, discover how to get started on your first slow-motion video with this infographic.

## WHAT IS SLOW-MOTION?

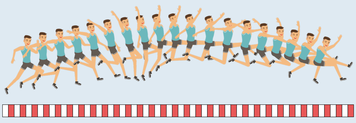
A video technique that captures motion shots moving slower than normal.

## HOW DOES SLOW-MOTION WORK?

This technique captures more images, for example 60 frames per second (fps), compared to a video at normal speed that captures 24-30 fps. If you play back the footage at 30 fps, that's 2x slower. Hence, the higher the frame rate, the slower the footage.



Shot at 60 fps (60 frames in 1 sec)



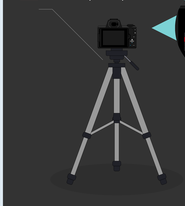
Playback at 30 fps (60 frames spread out over 2 sec)

## WHEN AND WHY IS IT USED?

To capture action sequences such as sports, water splashing, blow drying hair, striking a match, explosions, and more.
When you slow down the footage as a lead up to the main action sequence, it sets the mood, creates anticipation and suspense, and makes the actions look more epic.

## HOW TO SHOOT:

01 Place the Canon EOS M50 on your tripod.



02 Set the camera to Movie Mode and click on Menu. Select Movie rec. quality and Enable High Frame Rate of 120 fps. (4x slower if playing back at 30fps)

03 Ensure your subject and props are in place, then shoot a few test shots to get the footage right.

04 Ready, set, shoot slow-mo!

## 5 TIPS FOR AMAZING SLOW MOTION FOOTAGE

1

60fps
**1/120**

More frames per second means you'll need to adjust the shutter speed. The rule is that your shutter speed needs to be double that of frame rate. If you shoot at 60 fps, your shutter speed should be 1/120 to be properly exposed.

2

ISO
f/2.8

A higher shutter speed means your camera is letting in less light. Shoot in daylight or in a very well-lit area so you don't have to compensate by increasing the ISO or opening up your camera's aperture, which could make your footage grainy or blurry.

3

Use a tripod when shooting longer clips to ensure slow-mo footage with better clarity. For shorter clips, you could do away with a tripod as shooting so many frames in such a limited space means taking advantage of time stretching to make your video appear more stable.

4

Always check test footage before shooting. Check lighting and focus playback at 30 frames per second to check if anything goes wrong.

5

Choose your frame rates purposefully and keep your viewers engaged by shifting the speed of your video in crucial moments.

WITH SHOOTING SLOW MOTION NOW EASIER THAN EVER, DON'T DO IT JUST BECAUSE YOU CAN – MAKE SLOW MOTION A PART OF THE STORY.

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