PROFESSIONAL UNDERWATER STROBE SUPPORT

YS-D130R TTL Quick Check Guide

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1 Introduction

If your camera is not listed in the YS-D130R TTL exposure setting compatibility table, you can check it by following the procedure below.
This guide provides a simple way to confirm whether TTL flash exposure works without major failure and whether appropriate exposure can be obtained.

2 What You Need

- ●Target camera + lens + housing
- ●YS-D130R (strobe unit)
- ●Fiber-optic cable

3 Shooting Environment

Indoors, take strobe photographs facing a wall or similar surface according to the procedure below, and check the results.

- ●Avoid extremely bright places or a completely flat pure white wall.
- ●Use a wall surface with uneven texture, such as textured wallpaper, so that subjects with different brightness levels are included in the image.

4 Camera Settings / TTL Converter Settings

Camera Settings

●Exposure mode: Manual (M)
●Shutter mode: Mechanical shutter (if selectable)
●Shutter speed: 1/250 sec
●Flash setting: TTL

TTL Converter Settings

●Refer to the instruction manual for your converter.

4.1 Set the Camera Code

Set the YS-D130R camera code according to the manufacturer of the camera you are using.

●With the power OFF, hold down the OK button and rotate the mode dial to [A], then select “Quick Setup” in setup mode.
●Select shooting mode “TTL.”
●Set the camera code according to the manufacturer of the camera being used, as shown below. (For details, refer to “Quick Setup” (E21) in the instruction manual.)

Sony	Sony-A	Nikon	Nikon-A
Canon	Canon-A	Others	DEFAULT CAM

4.2 Shooting Check

Take actual test shots and check the exposure.

1) Check at F5.6

●Connect the camera and strobe, and set the aperture to **F5.6**
●From a distance of **2m**, change the ISO sensitivity and take one shot at each setting.
ISO 100 / 200 / 400 / 800

Check the captured images on the camera monitor and confirm the following:
●No obvious overexposure has occurred
●No extreme underexposure has occurred
●No image clipping / vignetting / partial black frame is visible

2) Check at F16

●If there are no problems in all shots taken at F5.6, change the aperture to **F16** take the same series of shots, and check the images.

5 Determine the Camera Code

If no abnormalities are found at both F5.6 and F16, that camera code can be considered appropriate. If any abnormality is found, change the camera code and repeat the checking procedure from the beginning.

6 Notes

●Even if the shooting results appear acceptable, exposure may vary depending on actual shooting conditions such as background brightness, water clarity, and subject color.
●If abnormalities occur with all camera codes, select the camera code with the least abnormality.
●If exposure is significantly over or under with all camera codes, make fine adjustments using the strobe output dial.

! Checkpoint

This procedure is a simple check to see whether the TTL performance is not seriously failing. It does not guarantee perfect exposure.