STROBEPRO.com D3K 300

Thank you for choosing STROBEPRO.COM and the D3 300 series strobe light. Please read the manual and ensure you understand all the safety precautions before operating. Have fun shooting!

Camera Settings

Before you get started there are few key things you need to remember when using your camera with strobes. The rest is just trial and error by placing the lights and modifiers where you want them.

- Set you camera to manual mode. You cannot shoot in any other mode with strobes.
- Set your shutter speed to a maximum of 1/250. (1/200 max for Canon cameras, every brand and camera differ) We recommend 1/125 or 1/160 to start. If you go faster than 1/250 you'll see black bars in the picture because your camera is out of sync. Reduce the shutter speed if this happens.
- Set your white balance to flash (the lightning bolt symbol) or 5400° K or take a custom white balance.
- Set your ISO to 100 or 200 for best results. Anything higher introduces noise into the exposure.
- Set your aperture to whatever you want. For portrait shooting typically f8 or f11. That will keep everything in focus.
- Determine how you want to trigger your strobes.

If your camera has a PC Sync port, plug one end of the included cable into your camera PC Sync and the other into the strobe. (Not all models have a PC Sync port, typically only higher end cameras do)

If you're using your pop-up flash, set the mode to manual flash in your camera settings. Then dial down the power so the pop-up flash isn't affecting your exposure.

If you're using a radio trigger like the Yongnuo 605, set one transceiver to TX (transmitter) and one to RX (receiver). Set them both to the same channel. Insert the Transmitter into your camera hot shoe and the Receiver into the strobe PC port via a 3.5mm cable. Push the test button on the Transmitter to confirm the channel. You're now ready.

- To trigger the second strobe, simply turn on the optical sensor. This button looks like a little eye. Now your strobe is looking for any type of flash to trigger it. If you're using radio triggers just plug an additional receiver into the strobe PC Sync port.

- Set the power level of the strobe at approximately half power. This is a good place to start experimenting. Adjust the distance of the strobe to your subject and the power levels as necessary to your shot.

D3 300 Button Layout

1) Flash Tube
2) Modeling Lamp
3) Reflector Bowl
4) Accessories Release Button
5) Umbrella Lock Screw
6) Stand Lock Screw
7) Umbrella Hole
8) Built-in 2.4GHz Receiver
9) Buzz
10) Power Switch
11) Power Socket
12) SYNC
13) CELL
14) Slave Function Switch
15) 2.4GHz Receiver Switch
16) Flash Test Button
17) Modeling Lamp Switch / 100%
18) Power Output "+/-"

D3 300 Specifications

Model	**D3-300**
Guide Number	60
Recycling Time	0.3-1.5
Flash Power Variation	LED Display,7 f- stop Power Range, Variable in 1/10
Charging Indication	LED Display / Beep / Modeling Light On/Off
Flash Duration to	1/2000s
Colour Temperature	5500° K + or - 200° K
Voltage Stabilization	1%
Modeling Lamp	150W G9.5 AC 110V
Modeling Lamp	Proportional / Full / Off
Trigger Method	Slave / Built-in 2.4GHz Receiver / Sync Cable / Test
Sync Voltage	DC 7V
Operating Voltage	AC 100V - 110V, 50/60Hz 10A Fuse
Weight (kg)	1.7kg

Mounting the D3 300 and Modifiers

Stand Connection
Back out the Stand Lock Screw (6). Place the strobe over the stand spigot. Tighten the Stand Lock Screw (6) back up to secure.

Adjust Angle
You can easily adjust the tilt of the D3 300 strobe by turning the Lock Handle to the left to loosen and to the right to tighten.

Insert Modeling Lamp

Simply push the pins of the modeling lamp into the slot in the center of the flash tube. It will only fit one way. **Always handle tubes and glass with a lint free cloth.**

Attaching Modifiers

REMOVE THE PROTECTIVE CAP. DO NOT OPERATE WITH PROTECTIVE CAP ON.


Strobe


Speedring

All Strobepro strobes use a Bowens S Mount style speedring. Simply align the three male blocks of the speedring with the 3 female blocks of the strobe. Ensure the alignment is flush. Twist the speedring or modifier to the right. You will hear a “click”. The modifier is now locked to the strobe. To remove, push the Accessories Release Button (4) and turn speedring to the left. Carefully remove the accessory.

Using Umbrellas
The D3 300 Series is equipped with a built-in umbrella mount. Strobepro recommends using the 55° 7” Standard Reflector (sold separately) with any umbrella. Mount the 55° reflector. Slide the umbrella shaft through the reflector cut out notch and into the Umbrella Hole (7). After you have set your desired distance, turn the Umbrella Lock Screw (5) to secure the position.

Power Connection
Insert the power cable into the Power Socket (11) and turn on the Power Switch (10). The strobe is ready to fire.

Adjusting Power
Use the Power Control Buttons "+" and "-" to select your desired power level. The D3 300 Strobe has 7 full stops of power. 1/1 is full power and represented by 7.0. 1/64 is minimum power and represented by 1.0 on the LCD. You can adjust power in 1/10 increments. Voltage precision a very accurate 1%. You can hold the Power Control Buttons down to increase the speed at which the power changes.

Auto Dump
When lowering the power the flash will automatically fire to dump the capacitors and maintain accurate power levels at all times. This may also happen if the strobe senses a voltage spike from the power supply as well.

Modeling Lamp
The modeling lamp is used to help position your strobe during setup or provide ambient light during a shoot. There are 3 modeling lamp modes.

Proportional
Press Button (17) to enter Prop Mode. As you adjust the power of the strobe the modeling lamp will be adjusted in sync. This is the most common setting.

Full Power Mode
Press Button (17) again to enter 100% Mode. The modeling lamp will operate at full power regardless of the power setting on the strobe.

Dimming Mode
With a modeling lamp mode selected, turn on the Recycling Beep Button (9). When the strobe fires the modeling lamp will turn off and then come back on when the strobe has recycled.

Flash Test
Press Button (16) to test fire the flash.

Syncing Camera to Strobe

Sync Cable
Plug in an optional 3.5mm sync cable to the strobe and the other end to the camera. Please note not all cameras have a PC Sync Port.

Optical Slave
Press Button (14) to activate the infrared optical slave. With the "eye button"

enabled the strobe will fire when it senses any external flash such as a pop-up camera flash, speedlite or another strobe. Please note the optical slave is limited by line of site.

Radio Trigger

Plug in any radio receiver to the PC Sync Port (12).

Built in Wireless

The D3 300 has a built in wireless antenna (8) designed to work with optional Strobepro compatible radio triggers such as the TR-X. Hold down button (15) for 3 seconds. The LCD will begin to flash. Use the "+" and "-" buttons to set the channel from 00 to 15. Match the channel of the radio trigger to the one you just set on the strobe and you can now control the strobe wirelessly.

TRS Remote Channel Chart

1. ON = 0
2. OFF = 1
3. Channel 15 is universal

Channel	1	2	3	4
0	0	0	0	0
1	1	0	0	0
2	0	1	0	0
3	1	1	0	0
4	0	0	1	0
5	1	0	1	0
6	0	1	1	0
7	1	1	1	0
8	0	0	0	1
9	1	0	0	1
10	0	1	0	1
11	1	1	0	1
12	0	0	1	1
13	1	0	1	1
14	0	1	1	1
15	1	1	1	1

Remote Button Layout

1. Channel switches
2. Power on/off/flash test
3. Adjust power down
4. Modelling lamp on/off
5. Adjust power up

Warranty

Thank you for choosing STROBEPRO.COM products. We believe in excellent customer service. We will make every effort to service our products for as long as you own them.
Please read the operating instructions and warranty policy to understand your service coverage before using.

1. STROBEPRO.COM implements a North American warranty.

2. Two years free manufacturer's defects warranty from purchasing date. The strobe must be used correctly according to the manual. If improper use is determined the warranty will not apply.

3. The guarantee time limit is two years (not including flash tube). Heimann Germany flash tubes are guaranteed for one year. This does not include accidental breakage.

4. No warranty coverage for the following conditions:

   - Damage caused by incorrect operation.
   - Damage caused by impact, liquid, tampering, improper voltage.
   - Damage caused by maintenance, alteration, disassembly in maintenance shop which is not authorized by STROBEPRO.COM
   - The product does not match with model or serial number in factory records.
   - Damage caused by accessories or spare parts (rechargeable battery, modeling lamp, flash tube, accessories etc.) which are not recommended by STROBEPRO.COM.
   - Fault caused by disaster, incorrect voltage etc.

5. Accessories (power cable, sync cable), and parts are included in warranty coverage.

6. This guarantee is only valid in Canada and the USA.

7. Shipping charges to and from the Calgary, Alberta, Canada warranty center are the customer's responsibility.

Warranty Inquiries

To request warranty work please email Strobepro first at info@strobepro.com
If you are advised to do so, please mail or drop off the product to:

Strobepro Studio Lighting Inc.
6, 1247 36 Ave NE Calgary, Alberta, Canada
T2E 6N6

Maintenance

The first time using a new studio flash, please ensure the flash body is in good condition. Make sure the lock system is operational and the flash tube and modelling lamp are secured. If an issue is detected please correct or contact STROBEPRO.COM for assistance.

1. Flash should be put in dry place to ventilate, please store with protection cover after using and the flash has cooled off.If flash is not in use, turn off power switch and disconnect power cord.

2. The flash tube and modelling lamp must keep clean. Use rubbing alcohol and a lint free cloth to carefully clean the flash tube if necessary. Always switch off and unplug the power cable. **Never handle with bare fingers or while power is on.**

3. For best performance please operate the flash 2 times per month to avoid capacitor degeneration.

4. Working in high humidity or cold environments, the surface of flash can accumulate moisture. Please turn on modeling lamp for two minutes to dehumidify before operating.

5. The modeling lamp should only be equipped with the OEM bulb. DO NOT use unapproved bulbs. It will void your warranty.

6. Please keep the device away from water and excessive exposure to direct sunlight and fire.

7. The flash body may heat up to high temperatures. Do not use near flammable materials. NEVER use a snoot with the modeling light on.

8. Prior to replacing lamps or performing maintenance, low power to minimum, test fire flash and disconnect from power! Take off protection cover before operating.

9. For flash units equipped with a cooling fan, don’t block the ports of the fan.

Troubleshooting

No matter what happens, don't open the case and attempt repair by yourself. You risk electric shock strong enough to kill you!

1. Turn on power switch, no response.

- Please check if the power cord is firmly connected with the power socket.
- If the joint between plug and power socket is loose.
- If flash tube is loose.
- If fuse is in good condition.

2. Modeling lamp does not turn on.

- Please check if modeling lamp switch has been turned on.
- If modeling lamp is loose or tungsten filament is broken.

3. Device does not flash.

- Press flash test button to test flash.
- Flash tube is secure and filament is not broken.
- Adjust flash output power to maximum, press flash test button to test flash.

4. Strobe does not respond to sync.

- Please check if the remote control switch has been turned on.
- If sync cable is connected.
- If channel address between transmitter and receiver is the same.
- If battery of transmitter or receiver is dead.
- If transmitter is inserted in proper position on camera hot shoe.