ASIS

400 Traveler

INSTRUCTION MANUAL

Introduction

Dear Valued Customer,

Thank you for choosing the ASIS flash system. The ASIS 400 Traveler is designed to be a portable lighting system. The replaceable Lithium-ion battery will power the lights for up to 320 full powered flashes. Extra batteries are sold separately so you can keep shooting throughout the day while on location. One head can be used at full power at 400ws, or two heads can be used with a 66:33 power ratio. To familiarize yourself with the full list of features offered, please take a few moments to review the following user manual.
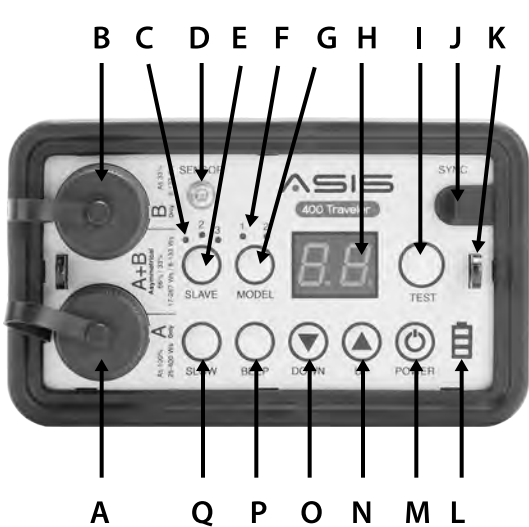
Thank you,
ASIS Lighting

Safety Guidelines

• Always avoid placing cables where they can be tripped over. Protect from heavy, sharp, or hot objects which may cause damage and replace damaged cables immediately.

• Due to the high voltage / high energy used in the light, all servicing must be carried out by an authorized service center.

• Always disconnect the battery before changing the fuse. Never replace with a fuse of a different rating. (Spare fuses are provided.)

• Always exercise care when handling equipment that has been in use. The reflector and front end of the flash head can become very hot.

• Do not use in an environment where moisture or flammable vapor is likely to come in contact with the unit.

• Do not use a unit with damaged housing, molding, flash tube, or modeling lamp. If the unit is dropped or damaged in any way, always have it checked out before using. Repairs should only be made by certified professionals.

• Do not use the unit in temperatures above 140°F (60°C)

• Do not crush, puncture, submerge in water, or set fire to the battery.

• Replace the battery in a clean and dry environment. Avoid dusty or very humid conditions.

• Before use, make sure the battery is locked onto the power pack.

• When not using a flash output port, please cover with the dust cap.

• Only install or remove light heads and cables when the unit is turned off to avoid shock or damage to the unit.

• When traveling by air, it is recommended to remove the fuse from the battery unit as a safety precaution.

• To prolong the life of the battery, charge the battery every 3 months when not in use.
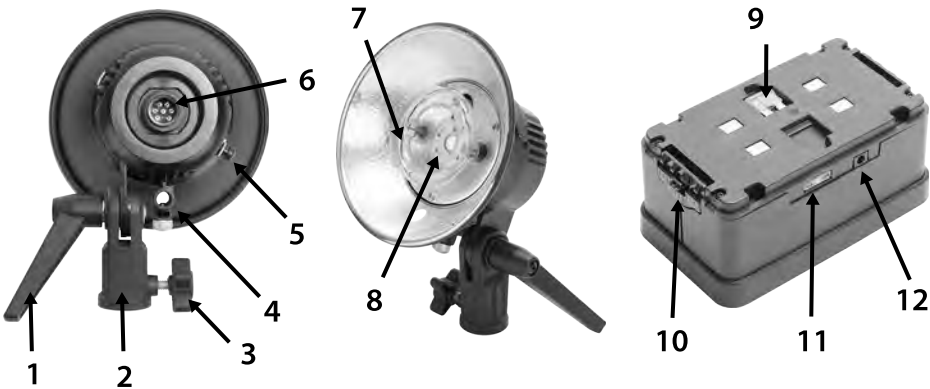
ASIS controls

Control Panel

(A) Flash Head Output Socket A
(B) Flash Head Output Socket B
(C) Slave Indicator Light
(D) Photo Cell
(E) Slave Button
(F) Modeling Lamp Indicator
(G) Modeling Lamp Button
(H) LED Display
(I) Test Button
(J) Sync Cord Socket
(K) Ring for Carrying Strap
(L) Battery Level Indicator Light
(M) Power Button
(N) Intensity Up Button
(O) Intensity Down Button
(P) Audio Button
(Q) Recycle Speed Button

Flash Head & Battery

(1) Angle Locking Lever
(2) 5/8" Light Stand Mount
(3) Light Stand Locking Knob
(4) Umbrella Mount Hole
(5) Reflector Lock Button
(6) Power Cord Socket

(7) Replaceable Flash Tube
(8) LED Modeling Lamp
(9) Spare Fuse Holder
(10) Battery Lock Button
(11) Battery Fuse Slot
(12) Charger Port

Operating Instructions

The **Asis 400 Traveler** can be mounted to any light stand with a 5/8" stud. Make sure to secure the light to the stand with the light stand locking knob (5). To adjust the angle of the light, get a firm grasp on the back of the light head, loosen the angle-locking lever (7) and tilt the head to the desired angle and tighten the locking lever.

Before connecting the flash head to the power pack, make sure that the power pack is turned off. Connect the flash head using the supplied flash head cable, plugging it into one of the Flash Head Output Sockets (A or B) on the top of the Power Packs control panel. Press the Power Button (M) to turn the unit on. The TEST button (J) will emit red indicating that the unit is ready to flash.

The flash can be triggered either by use of a sync cord between the camera and the sync socket (S) or alternatively through the photo cell (G) with an infrared trigger or another flash unit. The flash can also be fired by pressing the test button (J) or with the Asis Wireless Remote (sold separately).

Adjusting Power

Press the Up (N) or Down (O) buttons to adjust the power level of the unit.

The Power Pack has a 5 stop range from 2.0 to 6.0 and can be adjusted in 1/10th stop increments. The LED Display (H) on the top control panel shows the current power level.

Please note - after lowering the power you will need to fire off a test shot to clear the capacitors so they can adjust to the new lower power level.

Triggering Options

The ASIS 400 Traveler can be triggered with the following options:

Manually - Pressing the Test Button (I) will trigger the flash.

Sync Cord - Sync Cables with a 2.5mm jack can be plugged into the Sync Cord Socket (J).

Photocell - In this mode the unit can be triggered remotely when the photocell senses another flash going off.

There are three settings as indicated by the Photocell Indicator Lights. To turn on the photocell press the Slave button until the desired setting is selected.

Setting 1 - This is for use with studio strobes and manual flashes. The ASIS 400 Traveler will be triggered when it senses the other strobe/flash go off.

Settings 2 & 3 - These settings are for Speedlights, built-in camera flashes, and when using red-eye reduction features on the camera. The ASIS 400 Traveler will ignore the pre-flash and be triggered at the proper time.

Recycle Modes

To change between recycling modes press the Slow button. When the light is off the Fast mode is enabled. When the light is lit the Slow mode is turned on.

Fast Mode - The Power Pack will recharge between 0.5~2.5 seconds depending on the power level.

Slow Mode - Recycling times will be twice as long as the Fast Mode. However, this will prolong the battery life span and increase the number of flashes.

Modeling Lamp Settings

To turn on the modeling lamp press the Model Button (G) until the desired setting is selcted as shown on the Modeling Lamp Indicator.

Setting 1 - Power Saving Mode. The LED lamp will power off after 30 seconds to save battery life.

Setting 2 - Normal Mode. The LED lamp will remain lit until it is manually turned off. Please note that this will drain the battery.

Operating Instructions

Audio Options

Press the Beep Button (P) to turn the audio alert on or off.

ON - BEEP Button is lit and unit will make an audible noise when the unit powers on, the power level is adjusted, as well as after the unit has recharged and is ready to use.

OFF - BEEP Button is not lit. Unit will not make any audible noises.

Battery Level Indicator

The Battery Level Indicator (L) gives a visual indication of how much power is left in the battery.

3 LEDs - The battery is between 100% and 50% capacity.

2 LEDs - Battery is between 50% and 10% capacity

1 LED - Battery is under 10% capacity

Blinking 1 LED - Battery is out of power and needs to be recharged.

Charging the Battery

To charge the battery remove it from the control unit and connect the AC Battery Charger to the Charger Port (11) on the side of the battery.

While the battery is charging, the light on the AC Battery Charger will be red. When charging is done, the light will turn green.

Fully charging the battery will take at least 2.5 hours.

Installing Umbrellas

To mount an umbrella to the light, loosen the silver locking screw found under the Umbrella Mount Hole (4). Slide the shaft of the umbrella into the mounting hole and then tighten the locking screw.

Troubleshooting

Issue: After powering on the unit the Test button blinks and the unit cannot fire.

Solution: The flash head or power cable is not properly attached. Power off the device and check the connections.

Issue: The display shows message "P1", there is an audible alert, and the control panel is unresponsive.

Solution: The temperature protection circuit has tripped because the unit has overheated due to a hot environment or from rapid continuous use at high power. To fix, turn off the unit and let it cool down. Increase the time between use at high power and/or move to a cooler location.

Issue: The display shows message "U1" and the unit is unresponsive.

Solution: The high voltage protection has been triggered. Turn off the unit and disconnect the battery. Wait ten seconds and reconnect the battery and turn on the unit.

Detailed Dimensions

Power Pack Control Panel
Dimensions: 6.25 x 6 x 3.5"
Weight: 3.3 lbs

Power Pack Battery
Dimensions: 6.25 x 6 x 3"
Weight: 2.1 lbs

Flash Head
Dimensions: 7 x 6.5 x 3.5" (with Reflector)
Weight: 14 oz

Flash Head Cable
Length: 8'
Weight: 12 oz

Entire Kit in Case
Dimensions: 21 x 16 x 7.25"
Weight: 16.7 lbs

Operating Instructions

Fitting and Changing Reflectors

To remove the reflector press the Reflector Lock Button **(5)** and hold it in place. Next, rotate the reflector counter-clockwise until it stops and then pull it off.

To install the reflector, make sure the umbrella hole on the reflector is towards the bottom of the unit. Alight the slots on the sides of the reflector and slip the reflector into place. Next press the Reflector Lock Button and rotate the reflector clockwise until you feel it stop, then release the Reflector Lock Button and it will lock it in place.

Changing the Flash Tube

Switch off the flash unit and disconnect the flash head from the Power Pack, then wait until the flash tube **(6)** is cool. Remove the reflector. ALWAYS use a clean, dry cloth or cotton gloves when handling lamps and tubes to avoid getting body oil on the glass. Next, gently pull the flash tube assembly out of the unit and out of the top retainer clips.

To replace the assembly, hold the flash tube as shown. Gently, but firmly, push the flash tube into position.

WARNING: HIGH VOLTAGE! Do not touch the flash tube when the flash head is still connected to the Power Pack.

Changing the Fuse

Remove the battery from the Power Pack. The fuse is located in the Battery Fuse Slot **(10)** on the side of the Battery. Remove by placing the flat blade of a screw driver into the slot on top of the fuse and gently pry out the old fuse. Replace the old fuse with one of the same amperage/voltage rating. One spare fuse is included with the unit and located in the Spare Fuse Holder **(8)**.

Asis 400 Traveler

Specifications

Max Output Power	400ws
Flash Power Range - Outlet A	25ws - 400ws
Flash Power Range - Outlet B	8ws - 133ws
Recycle Time Fast - Outlet A	0.5s @ min / 2.5s @ max
Recycle Time Slow - Outlet A	1s @ min / 5.5s @ max
Recycle Time Fast - Outlet B	0.3s @ min / 1.2s @ max
Recycle Time Slow - Outlet B	0.6s @ min / 2.5s @ max
Flash Duration Time - Outlet A	1/1200s
Flash Duration Time - Outlet B	1/4000s
Flash Color Temperature	5500K ±200K
LED Modeling Lamp	6w
LED Color Temperature	5200K ±200K
Photocell Sync Distance	≤ 33' (10m)
Sync Socket	3.5mm Jack
Sync Voltage	5v
User Replaceable Fuse	Yes
User Replaceable Flashtube	Yes
Audio On/Off	Yes
Battery Type	Lithium Ion
Battery Voltage	14.8v / 4.5Ah
Battery Charge Time	~2 hours
Fuse	40A
Power Pack Dimensions	
Kit Weight (w/ Carrying Case)	3.3 lb (2.6 kg)

Package Contents

(1x) Power Pack Control Unit
(1x) Power Pack Battery
(2x) Flash Heads
(2x) Flash Head Cables
(1x) AC Battery Charger
(1x) Sync Cord
(2x) Reflectors
(2x) Diffuser Reflector Covers
(1x) Shoulder Strap
(1x) Carrying Case

Warranty

One-year Limited Parts-and-Labor Warranty

The Asis products are warranted to be free from defects in material and workmanship for one year from the date of purchase. If this product is found to be defective in material or workmanship, Studio Assets will, at its option, repair or replace it without charge subject to the following limitations and exclusions:

• Warranty extends to the original purchaser only and is not transferable or assignable.

• Returned product must be accompanied with proof of purchase if online registration is not available.

• Warranty shall not apply to any product that has, in Studio Assets' judgment, been subject to misuse, abuse, negligence, accident, or unauthorized repair.

• Damage or defect caused by accident, sand water, or battery leakage.

• Damage or failure caused by or resulting from improper installation, operation or maintenance, incorrect voltages or power supply, modified or unauthorized repair, removed or altered serial numbers or identification.

Studio Assets' obligation is limited to repair or replacement of product only, and no one is authorized to assume any obligation not in accordance with the above. Should service be necessary under this warranty, please contact us to receive the required Return Merchandise Authorization Number (RMA#).

Repair/Replacement Warranty: This limited warranty shall apply to any repair, replacement part or product for the remainder of the original limited warranty period or for (90)

Contact Information

Please contact us with any questions or customer support issues at:
info@studio-assets.com