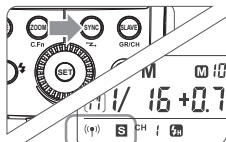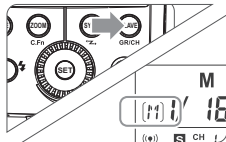1 Long Press the <**SYNC**> button for 2 seconds so that < (((•))) > is blinking. Turn the Select Dial until the < (((•))) **S** > is displayed on the LCD panel, which means the slave unit.

2. Setting Master Unit's Flash Mode

1 Press the <**SLAVE**> Button to choose the group from **M/A/B/C**. Then, press the < **MODE** > Button so that the master unit can work in **OFF / TTL / M** flash mode. Choose one of them as the flash mode of master unit.
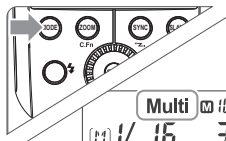
2 Press the <**MODE**> Button for 2 seconds to switch to Multi mode.

3. Setting the Communication Channel

If there are other wireless flash systems nearby, you can change the channel IDs to prevent signal interference. The channel IDs of the master unit and the slave unit(s) must be set to the same.
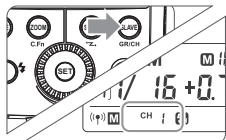
1 Long press the <**SLAVE**> Button for 2 seconds until the channel IDs is blinking. Turn the Select Dial to choose a channel ID from 1 to 16.
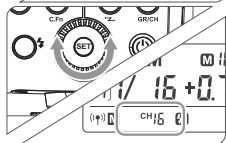
2 Press the <**SET**> button to confirm.

4. Wireless ID Settings

Change the wireless channels and wireless ID to avoid interference for it can only be triggered after the wireless IDs and channels of the master unit and the slave unit are set to the same.

Press the <MENU> button to enter C.Fn ID. Press the <SET> button to choose OFF channel expansion shutdown, and choose any figure from 01 to 99.

5. TTL: Fully Automatic Wireless Flash Shooting

Autoflash Shooting with One Slave Unit
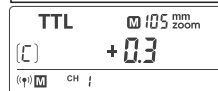
1 **Master Unit Setting**
● Attach a V350S camera flash on the camera and set it as the master unit. (Page 40)
● **M/A/B/C** can be set as **TTL** mode independently.

2 **Slave Unit Setting**
● Set the V350S that to be controlled as the wireless slave unit. (Page 41)
● The slave unit can be set as **A/B/C**.

3 **Check the communication channel**
● If the master unit and slave unit(s) are set to a different channel, set them to the same channel. (Page 41)

4 **Position the camera and flashes**
● Position the camera and flashes as the picture shows. (Page 43)

5 **Check the flash operation**
● Press the master unit's Test Button< ⚡ >.
● Then, the slave unit will fire. If not, adjust the slave unit's angle toward the master unit and distance from the master unit.
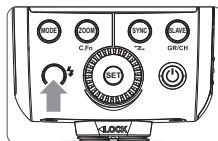
⚠ The slave unit might be out of order or fire an unwanted flash due to the nearby wifi routers or other 2.4G equipments. If in this case, please adjust the flash's channel or turn off the 2.4G equipments.

6. M: Wireless Flash Shooting with Manual Flash

This describes wireless (multiple shooting) using manual flash. You can shoot with a different flash output setting for each slave unit (firing group). Set all parameters on the master unit.
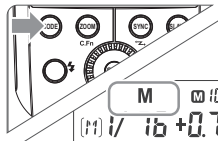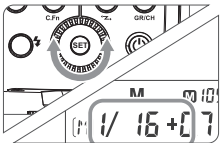
1 **Setting the flash mode to <M>**
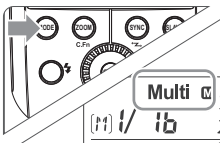● Press the <**MODE**> Button to set the flash to M mode.

2 **Setting flash output**
● Turn the Select Dial to set the flash output of the groups.

3 Taking the picture
● Each group fires at the set flash ratio.

7. Multi: Wireless Flash Shooting with Manual Flash

1 Setting <Multi> stroboscopic flash.
● Long press the <**MODE**> button for 2 seconds so that <**Multi**> is displayed. Long press the <**MODE**> button for 2 seconds again to exit.

2 Setting flash output/flash frequency/flash times.
● Setting the flash output/flash frequency/flash times of the groups in the M mode. Setting the multi flash mode. (see Page39)


● A, B and C group can only control the ON/OFF of the slave unit by pressing the <**MODE**> Button.

Using a flash (master/slave) with a radio transmission wireless shooting function make it easy to shoot with advanced wireless multiple flash lighting, in the same way as TTL autoflash shooting.

The basic relative position and operation range are as shown in the picture. You can then perform wireless TTL autoflash shooting just by setting the master unit to <**TTL**>.

Slave/Master Unit's Positioning and Operation Range
● Autoflash Shooting with One Slave Unit


Transmission distance is about 30m.
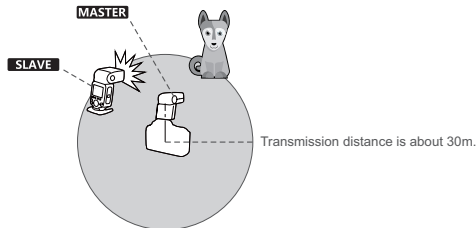
🔋 ● Use the supplied mini stand to position the slave unit.
  ● Before shooting, perform a test flash and test shooting.
  ● The transmission distance might be shorter depending on the conditions such as positioning of slave units, the surrounding environment and whether conditions.

Wireless Multiple Flash Shooting

You can divide the slave units into two or three groups and perform TTL autoflash while changing the flash ratio (factor). In addition, you can set and shoot with a different flash mode for each firing group, for up to 3 groups.

● Auto Shooting with Two Slave Groups
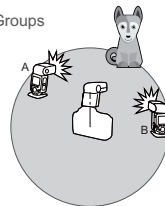
● Auto Shooting with Three Slave Groups
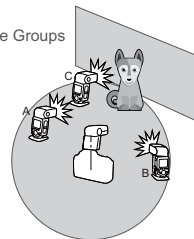
⚠ The Reason & Solution of Not Triggering in Godox 2.4G Wireless

1. **Disturbed by the 2.4G signal in outer environment (e.g. wireless base station, 2.4G wifi router, Bluetooth, etc.)**
   → To adjust the channel CH setting on the flash trigger (add 10+ channels) and use the channel which is not disturbed. Or turn off the other 2.4G equipment in working.
2. **Please make sure that whether the flash has finished its recycle or caught up with the continuous shooting speed or not(the flash ready indicator is lighten) and the flash is not under the state of over-heat protection or other abnormal situation.**
   →Please downgrade the flash power output. If the flash is in TTL mode, please try to change it to M mode(a preflash is needed in TTL mode).

3. **Whether the distance between the flash trigger and the flash is too close or not**
   → Please turn on the "close distance wireless mode" on the flash trigger (< 0.5m):
     X1 series: press the test button and hold on, then turning it on until the flash ready indicator blinks for 2 times.
     XPro series: Set the C.Fn-DIST to 0-30m.
4. **Whether the flash trigger and the receiver end equipment are in the low battery states or not**
   → Please replace the battery(the flash trigger is recommended to use 1.5V disposable alkaline battery).

Other Applications

Auto Focus Assist Beam

Long press the C.Fn to enter C.Fn custom settings and press SET button: choose "ON" or "OFF" to turn on or off the to the AF-assist beam function . When turning on the AF-assist beam function: the red AF-assist lamp will light when it's hard to focus while automatically off when getting correct focus.

> ● When not attaching to the camera, the auto focus assist beam of V350S does not light up.
> ● When using on Interchangeable Lens Digital Cameras (e.g. ILCE6000L, a7RII, etc.), the auto focus assist beam of V350S does not light up.
> ● When only using on DSLR cameras (e.g. a99, a77II, etc.), the auto focus assist beam of V350S does light up.

Position	Effective Range
Center	0.6~4m
Periphery	0.6~2.5m

Bounce Flash

By pointing the flash head toward a wall or ceiling, the flash will bounce off the surface before illuminating the subject. This can soften shadows behind the subject for a more natural-looking shot. This is called bounce flash.

**To set the bounce direction, hold the flash head and turn it to a satisfying angle.**

-7-90°
270°
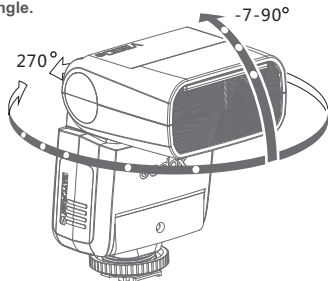
> ● If the wall or ceiling is too far away, the bounced flash might be too weak and result in underexposure.
> ● The wall or ceiling should be a plain, white color for high reflectance. If the bounce surface is not white, a color cast may appear in the picture.

Creating a Catchlight

With the catchlight panel, you can create a catchlight in the subject's eyes to add life to the facial expression.
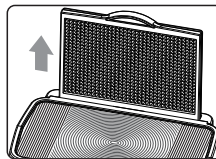
1 Point the flash head upward by 90°.
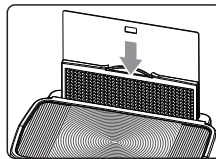
2 Pull out the wide panel. The catchlight panel will come out at the same time.

3 Push the wide panel back in.
  ● Push in only the wide panel.
  ● Follow the same procedures as for bounce flash.

> ⚠ ● Point the flash head straight ahead and then upward by 90°. The catchlight will not appear if you swing the flash head left or right.
> ● For best catchlight effect, stay 1.5m/4.9ft away from the subject.

ZOOM: Setting the Flash Coverage and Using the Wide Panel

The flash coverage can be set automatically or manually. It can be set to match the lens focal length from 24mm to 105mm. Also, with the built-in wide panel, the flash coverage can be expanded for 14mm wide-angle lenses.
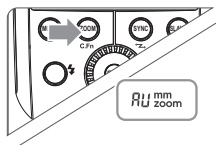
In Manual Zoom mode, press the <ZOOM> button.
● Turn the Select Dial to change the flash coverage.
● If <AU> is displayed, the flash coverage will be set automatically.

> ● If you set the flash coverage manually, make sure it covers the lens focal length so that the picture will not have a dark periphery.
> ● When the low battery indicator is displayed, the ZOOM can not be adjusted, it will constantly be 24mm.
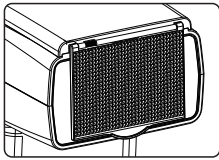
Using the Wide Panel

Pull out the wide panel and place it over the flash head as shown. The flash coverage will then be extended to 14 mm.

● The catchlight panel will come out at the same time. Push the catchlight panel back in.

⚠ ● When pull out the wide panel, the ZOOM will constantly be 14mm. The <ZOOM> button will not work.

Low Battery Warning

If the battery power is low, < ⬚ > will appear and blink on the LCD panel. Please replace the battery immediately. When the low battery indicator is displayed, the ZOOM can not be adjusted.

C.Fn: Setting Custom Functions

The following table lists the available and unavailable custom functions of this flash.

C.Fn Custom Functions			
Custom Function Signs	Function	Setting No.	Settings & Description
ST	Auto sleep (standby)	ON	ON
		OF	OFF
AF	AF-assist beam	ON	ON
		OF	OFF
BL	Backlighting control	10 sec.	Off in 10 sec.
		OF	Always off
		ON	Always lighting
ID	Wireless ID	OFF	Off
		01-99	Choose any figure from 01-99

1. Press the < **ZOOM** > Button for 2 seconds until C.Fn menu is displayed.
2. Turn the Select Dial to select the Custom Functions.
3. Press the <**SET**> Button and the Setting No. blinks.
4. Turn the Select Dial to set the desired number. Pressing the <**SET**> Button will confirm the settings.
5. Press the <**ZOOM**> Button to exit.

Protection Function

1. Over-Temperature Protection

● To avoid overheating and deteriorating the flash head, do not fire more than 30 continuous flashes in fast succession at 1/1 full power. After 30 continuous flashes, allow a rest time of at least 10 minutes.

● If you fire more than 30 continuous flashes and then fire more flashes in short intervals, the inner over-temperature protection function may be activated and make the recycling time over 10 seconds. If this occurs, allow a rest time of about 10 minutes, and the flash unit will then return to normal.

● When the over-temperature protection is started, 🌡 is shown on the LCD display.

Number of flashes that will activate over-temperature protection:

Power Output Level	Number of Flashes
1/1	30
1/2 +0.7	40
1/2 +0.3	50
1/2	60
1/4(+0.3,+0.7)	100
1/8(+0.3,+0.7)	200
1/16(+0.3,+0.7)	300
1/32(+0.3,+0.7)	500
1/64(+0.3,+0.7)	1000
1/128(+0.3,+0.7)	

Number of flashes that will activate over-temperature protection in high-speed sync triggering mode:

Power Output	Times
1/1	15
1/2(+0.3,+0.7);	20
1/4(+0.3,+0.7)	30
1/8(+0.3,+0.7);	
1/16(+0.3,+0.7)	40

2. Other Protections

The system provides real-time protection to secure the device and your safety. The following lists prompts for your reference:

Prompts on LCD Panel	Meaning
E1	A failure occurs on the recycling system so that the flash cannot fire. Please restart the flash unit. If the problem still exists, please send this product to a maintenance center.
E3	The voltage on two outlets of the flash tube is too high. Please send this product to a maintenance center.
E9	There are some errors occurred during the upgrading process. Please using the correct firmware upgrade method.

Firmware Upgrade

This flash supports firmware upgrade through the USB port. Update information will be released on our official website.

> • USB connection line is not included in this product. As the USB port is a Micro USB socket, please use Micro USB connection line.
> • As the firmware upgrade needs the support of Godox G2 software, please download and install the "Godox G2 firmware upgrade software" before upgrading. Then, choose the related firmware file.
> • As the products needs to do firmware upgrade, please refer to instruction manual of the newest electric version as final.

Checking the version: Press the <MODE> Button and the turn the flash on. Then, the firmware update version (e.g. Version 1.0 will read U-1.0) will be displayed on the LCD panel.

Technical Data

Model	V350S
• Type	
Compatible Cameras	Sony camera (please refer to compatible camera models)
Guide No. (1/1 output @ 105mm)	36 (m ISO 100)
Flash Coverage	24 to 105mm
	• Auto zoom (Flash coverage set automatically to match the lens focal length and image size)
	• Manual zoom
	• Swinging/tilting flash head (bounce flash): 0 to 270° horizontally and -7° to 90° vertically
Flash Duration (t0.1)	1/350 to 1/20000 seconds
• Exposure Control	
Exposure control system	TTL autoflash and manual flash
Flash exposure compensation (FEC)	Manual. FEB: ±3 stops in 1/3 stop increments (Manual FEC can be combined.)
Sync mode	High-speed sync (up to 1/8000 seconds), first-curtain sync, and second-curtain sync
Multi flash	Provided (up to 90 times, 99Hz)
• Wireless Flash (2.4G radio transmission)	
Wireless flash function	Master, Slave, Off
Controllable slave groups	3 (A, B and C)
Transmission range (approx.)	≤50m
Channels	16 (1~16)

• Auto Focus Assist Beam	
Effective range (approx.)	Center: 0.6~4m
	Periphery: 0.6~2.5m
• Power Supply	
Lithium batteries	7.2V/2000mA
Recycle time	0.1s~1.7s
Full power flashes	Over 500
Power saving	Power off automatically after approx. 90 seconds of idle operation. (60 minutes if set as slave)
• Sync Triggering Mode	Hotshoe, optic triggering
• Dimensions	
W x H x D	150*62*38 mm
Weight without battery	210g
Weight with battery	290g
2.4G Wireless Frequency Range	2412.999634MHz-2437.999878MHz
Max. Transmitting Power of 2.4G Wireless	5dbm

Troubleshooting

If there is a problem, refer to this Troubleshooting Guide.

The Camera Flash cannot be charged.
● The battery is installed in the wrong direction.
　→Install the battery in the correct direction.
● The camera flash's internal battery is exhausted.
　→If < [ ] > appears and blinks on the LCD panel, recharge the
　battery immediately.

The Camera Flash does not fire.
● The camera flash is not attached securely to the camera.
　→Attach the camera's mounting foot securely to the camera.
● The electrical contacts of the Camera Flash and camera are dirty.
　→Clean the contacts.

The power turns off by itself.
● After 90 seconds of idle operation, auto power off took effect if the
　flash is set as master.
　→Press the shutter button halfway or press any flash button to
　wake up.
● After 60 minutes of idle operation, the flash unit will enter sleep
　mode if it is set as slave.
　→Press any flash button to wake up.

Auto zoom does not work.
● The camera flash is not attached securely to the camera.
　→Attach the camera flash's mounting foot to the camera.

The flash exposure is underexposed or overexposed.
● You used high-speed sync.
　→With high-speed sync, the effective flash range will be shorter.
　Make sure the subject is within the effective flash range
　displayed.
● You used Manual Flash mode.
　→Set the flash mode to **TTL** or modify the flash output.

**Photos have dark corners or only parts of the target subject
are illuminated.**
● The focal length of lens exceeds the flash coverage.
　→Check the flash coverage you set. This flash unit has the flash
　coverage between 24 and 105mm, which fits medium-format
　cameras. Pull the wide panel out to extend the flash coverage.

Compatible Camera Models

This flash unit can be used on the following **Sony camera models**:

α7RIII	α7RII	α7R	α58	α99	ILCE6000L
α77 II	RX10	α9			

● This table only lists the tested camera models, not all Sony cameras.
　For the compatibility of other camera models, a self-test is recommended.
● Rights to modify this table are retained.

Maintenance

● Shut down the device immediately should abnormal operation be detected.
● Avoid sudden impacts and the product should be dedusted regularly.
● It is normal for the flash tube to be warm when in use. Avoid continuous flashes
　if unnecessary.
● Maintenance of the flash must be performed by our authorized maintenance
　department which can provide original accessories.
● This product, except consumables e.g. flash tube, is supported with a one-year
　warranty.
● Unauthorized service will void the warranty.
● If the product had failures or was wetted, do not use it until it is repaired by
　professionals.
● Changes made to the specifications or designs may not be reflected in this
　manual.

FCC Statement

"This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help."

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution:

Changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

RSS statement:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.This equipment complies with Industry Canada radiation exposure limits set forth for an uncontrolled environment. Cet équipement est conforme à l'exposition aux rayonnements Industry Canada limites établies pour un environnement non contrôlé.