Godox FT433 TTL Wireless Flash Trigger Instruction Manual

Contents

Godox FT433 TTL Wireless Flash Trigger

Specifications

- **Brand:** GODOX
- **Model:** FT433
- **Wireless Frequency:** 433MHz
- **Power Source:** 2 x AA Batteries

Product Usage Instructions

Overview

The GODOX FT433 is a TTL Wireless Flash Trigger designed to work with compatible GODOX flash units. It operates on a 433MHz wireless frequency and requires 2 AA batteries for power.

Important Safety Instructions

This product is a professional photographic equipment, to be operated by professional personnel only. All transport protective materials and packaging on the product must be removed before use. The following basic safety precautions must be followed when using this product:

1. Carefully read and fully understand the instruction manual before use and strictly follow the safety instructions.
2. Do not use damaged equipment or accessories. Allow professional repair technicians to inspect and confirm normal operation before continuing use after repairs.
3. Turn off power when not in use.
4. This device is not waterproof. Keep it dry and avoid immersing it in water or other liquids. It should be installed in a ventilated and dry location and avoid using it in rainy, humid, dusty, or overheated environments. Do not place items above the device or allow liquids to flow into it to prevent danger.
5. Do not disassemble without authorization. If the product malfunctions,
6. it must be inspected and repaired by our company or authorized repair personnel.

7. Do not place the device near alcohol, gasoline, or other flammable volatile solvents or gases such as methane and ethane.
8. Do not use or store this device in potentially explosive environments. Clean gently with a dry cloth. Do not use a wet cloth as it may damage the device.
9. This instruction manual is based on rigorous testing. Changes in design and specifications are subject to change without notice. Check official website for latest instruction manual and product updates.
10. Do not charge (unless it is a rechargeable battery), or disassemble the battery. Do not mix different types or brands of batteries or old and new batteries.
11. The warranty period for this device as a whole is one year. Consumables (such as batteries), adapters, power cords, and other accessories are not covered by the warranty.
12. Failures from improper operation are not covered under warranty.

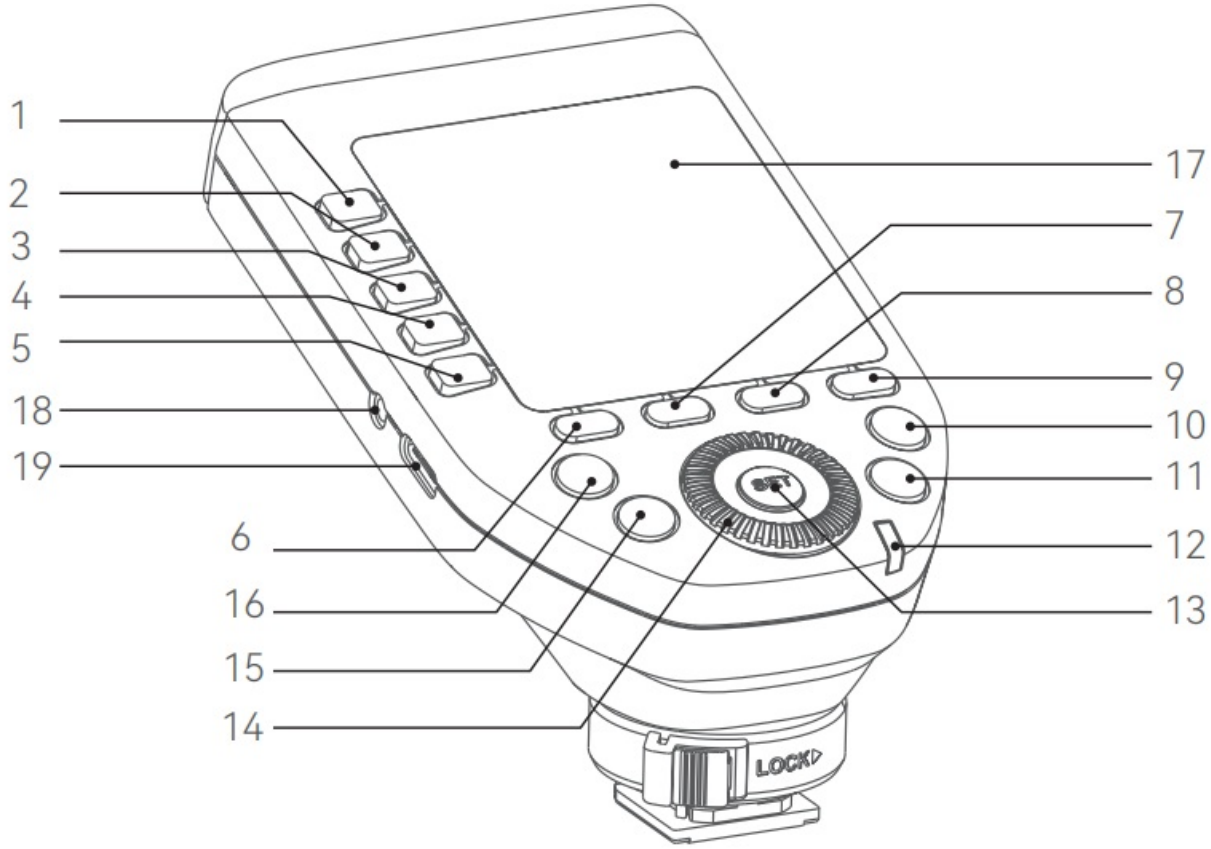
Caution – Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation.

Foreword
Thank you for purchasing!

- This TTL wireless flash trigger FT433 is designed to use with most popular cameras on the market. With built-in 433MHz wireless module, the transmitter FT433 can be collocated with the receiver FR433 to achieve longer transmission distance while greatly decreasing the interference.
- **FT433** can control upgraded Godox flashes such as AD200ProII, AD600ProII and AD600BMII, supports TTL flash/M (manual) flash /Multi flash, and HSS/first-curtain sync/second-curtain sync. Other features such as maximum flash synchronization speed up to 1 / 8000s, multiple channel control, stable transmission signal, together make it a perfect choice for professional photographers.
- **Transmitter FT433 C** is compatible with Canon camera hot shoes.
- **Transmitter FT433 S** is compatible with Sony camera hot shoes.
- **Transmitter FT433 N** is compatible with Nikon camera hot shoes.
- **Restrictions**: 1/8000s is achievable when the camera has a max camera shutter speed of 1/8000s.
- **Compatibility**: transmitter FT433 is compatible with receiver FR433, other models of flash triggers or receivers are incompatible.

Names of Parts

Transmitter FT433



1. Group Button 1
2. Group Button 2
3. Group Button 3
4. Group Button 4
5. Group Button 5
6. Function Button 1
7. Function Button 2
8. Function Button 3
9. Function Button 4
10. MENU Button
11. Magnification Button
12. Status Indicator Lamp
    - Green: Focus (Camera)
    - Red: Trigger (Flash)+ Shutter (Camera)
13. SET Button
14. Select Dial
15. TEST/Shutter Button
16. MODE·LOCK Button
17. LCD Panel
18. 2.5mm Sync Cord Jack
19. USB-C Firmware Upgrade Port
20. Battery Compartment
21. Power Switch

    ON: (Power On)

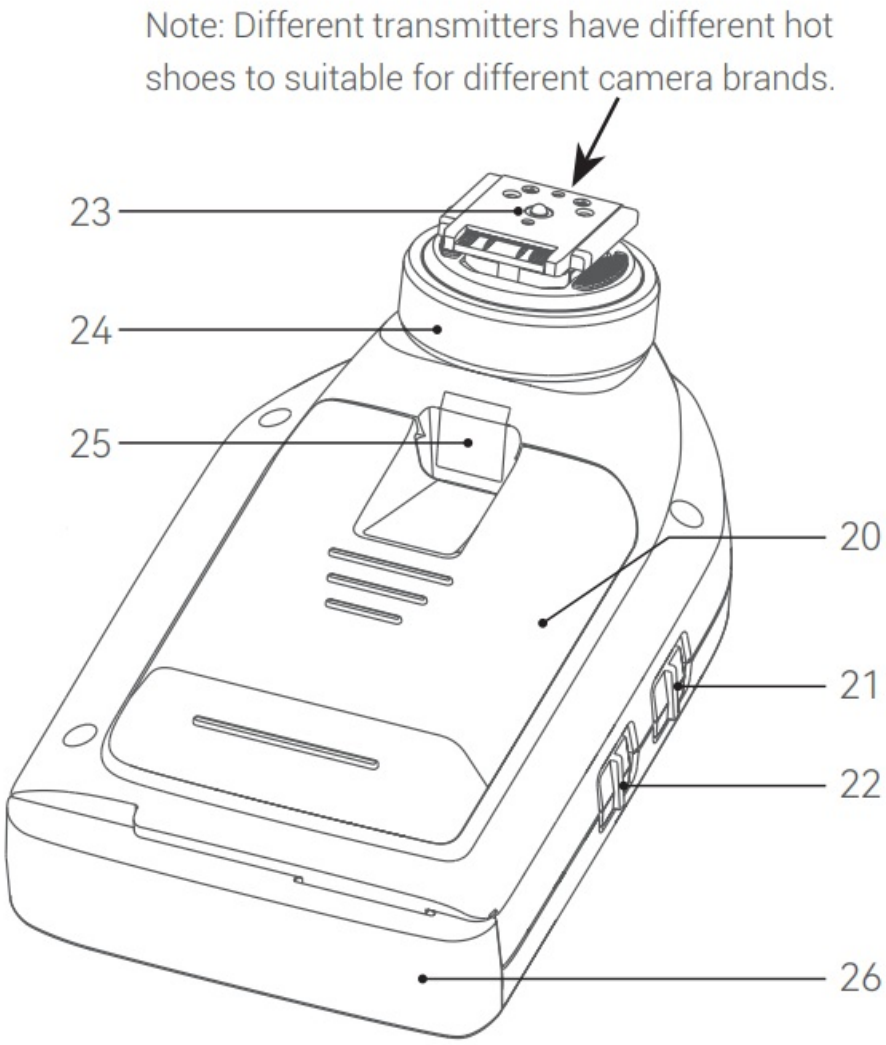
OFF: (Power Off)

22. AF Assist Beam Switch

    ON: (AF Assist Beam outputs)

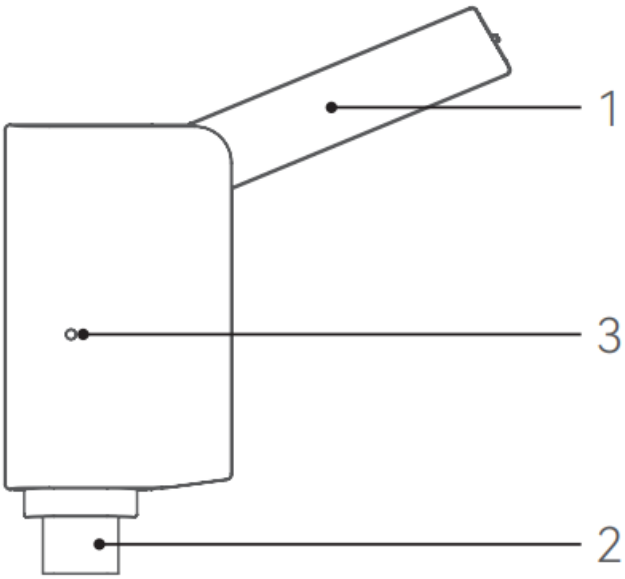
    OFF: (AF Assist Beam does not output)

23. Hot Shoe
24. Hot Shoe Locking Ring
25. Focus Assist Lamp
26. Antenna



Please rotate the top antenna out using to ensure the signal transmission.

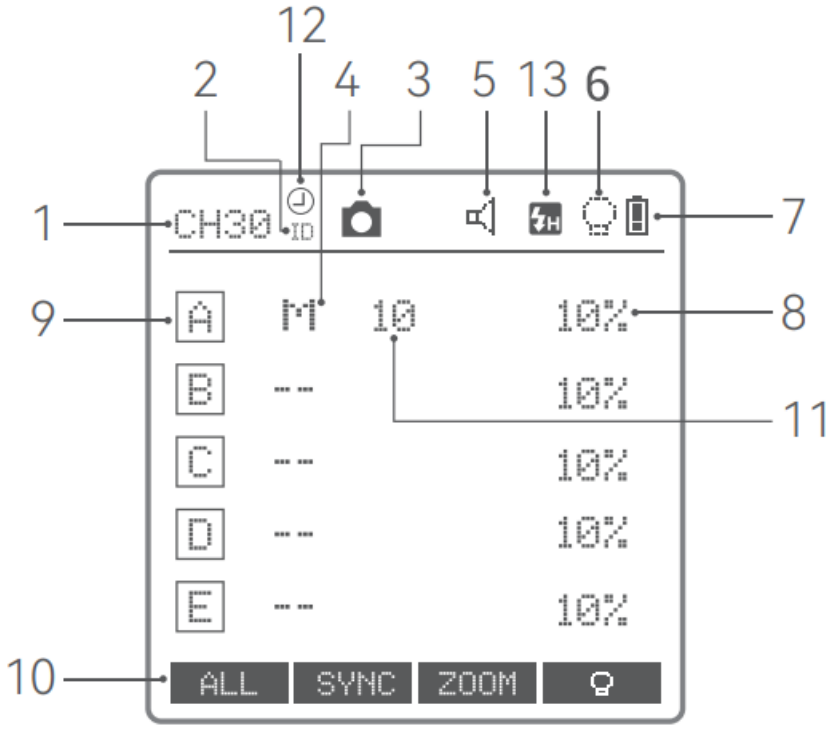
Receiver FR433



1. Antenna
2. USB-C Port
3. Indicator

⚠Please rotate the top antenna out using to ensure the signal transmission.

Transmitter's LCD Panel

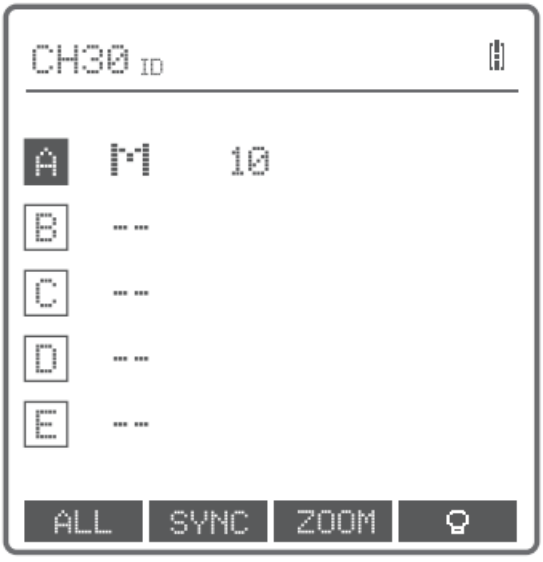


1. Channel (32)
2. ID (99)
3. Camera Connection
4. Group Mode
5. Beeper

6. Modeling Lamp Master Control
7. Battery Level Indication
8. Group's Modeling Lamp
9. Group
10. Icons of Function Button
11. Output Power Level
12. HSS Delay
13.  means High Speed Sync
14.  means Second Curtain Sync

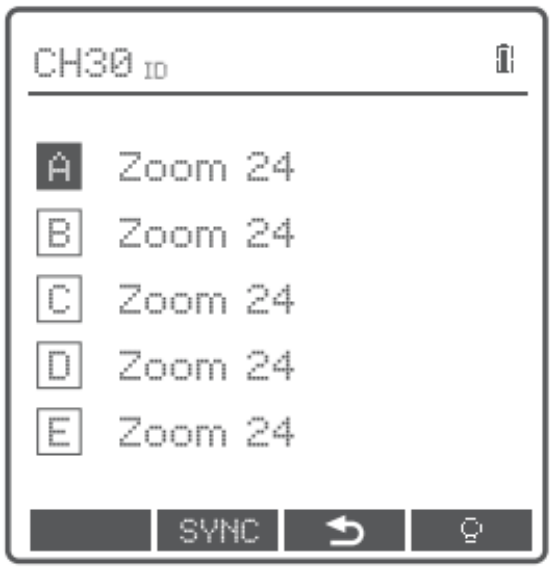
Menu Display

Multi Groups Display



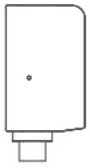
Single Group Display

Multi Groups' ZOOM Display



What's Inside

Transmitter FT433*1



Receiver FR433*1

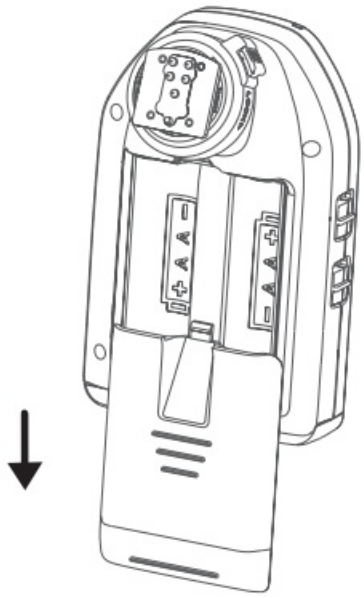
Instruction Manual*1

Battery Instruction

Battery Installation

Slide the battery compartment lid of the flash trigger and insert two AA alkaline batteries or Ni-MH batteries

(optional) separately to the correct polarities.



Battery Level Indication
Check the battery level indication on the LCD panel to see the remaining battery level during the usage.

Battery Level Indication	Power Status
3 grids	Full
2 grids	Middle
1 grid	Low
Blank grid	Low power, please replace it.
Blinking	<2.5V The battery level is going to be used out immediately (please replace new batteries, as low power leads to no flash or flash missing in case of long distance).

The battery indication only refers to AA alkaline batteries. As the voltage of Ni-MH battery tends to be low, please do not refer to this chart.

Power Switch
Install the battery correctly, slide the power switch button to “ON” to turn on the product, slide it to “OFF” to turn off.
Note: When not in use for a long time, please turn off the power to avoid power consumption.

Power Saving Mode Settings

1. Press the MENU button and turn the select dial to set the auto standby time in $_{z^{z^z}}$.
2. The system will automatically enter standby mode after 60sec/30min/60min of idle use. And the displays on the LCD panel will disappear. Press any button to wake up.
3. If you don’t want to set the power saving mode, select OFF.

Power Switch of AF Assist Beam

- Push the AF assist beam switch up to“ON”, and the AF lighting is allowed to output.
- When the camera cannot focus, the AF assist beam will turn on; when the camera can focus, the AF assist beam will turn off.
- For transmitter FT433 S, you need to enter the menu to set AF, and select “MILC” for mirrorless cameras or “DSLR” for DSLR cameras.

Wireless Settings

- Press the MENU button to enter menu interface.
- Select and press the SET button to enter wireless settings, turn the select dial to choose among CH, ID, DIST and GROUPS. Press the SET button and turn the select dial to set the corresponding parameters, then press the SET button again and turn the select dial to the next parameter.

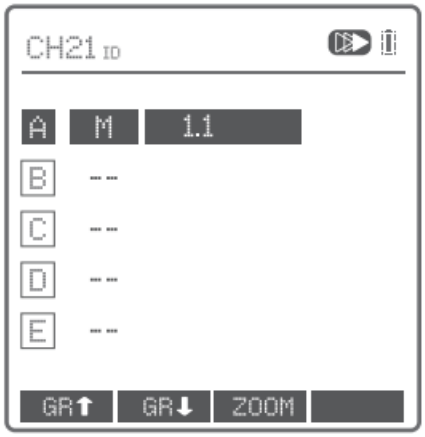
CH	1-32	Channel selectable from 1 to 32
ID	OFF/1-99	ID off or 1 choosable from 1 to 99
DIST	1-100m/0-10m	Triggering distance adjustable from 1m to 100m or 0 to 10m
GROUPS	5 (A-E) /16 (0-F)	5 groups: A, B, C, D, E 16 groups: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F

Note: You can change the wireless transmission channel and wireless ID to avoid interference. The wireless channel, ID, and groups of the transmitter and the receiver units must be consistent before triggering.

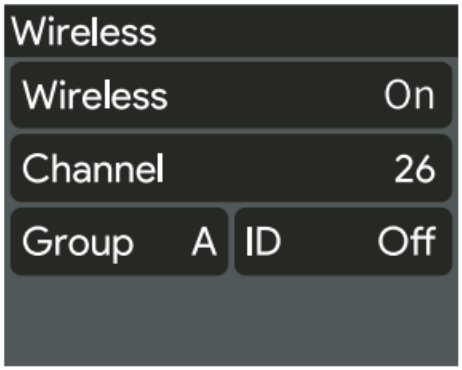
As a Wireless Outdoor Flash Trigger
Take AD600ProII as an example:

1. Turn off the flash trigger, camera and flash, mount the transmitter FT433 on camera hotshoe, insert the receiver FR433 into the USB-C port of AD600ProII. Then, power on the flash trigger, camera, and flash.
2. Set FT433: Short press the MENU button and select < > to set channel and ID. Then short press the MENU button to return the main interface. Short press <MODE·LOCK> button to set flash trigger mode, turn the select dial to set

flash trigger level.



3. Set AD600ProII: Short press the MENU button, select wireless, then short press the SET button to turn on wireless, set the same channel, group, and ID to the flash trigger.



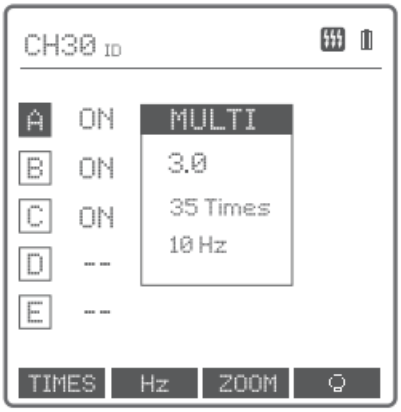
4. Press the camera shutter to trigger and the status lamp of the flash trigger turns red synchronously.

Note: please refer to the relevant instruction manual when setting the outdoor flashes of other models.

Mode Settings

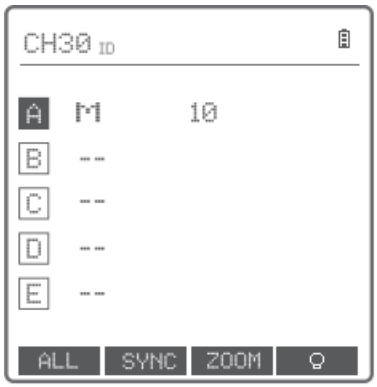
Short press the group button to choose group, then short press <MODE·LOCK> button, the mode of the chosen group will change. Set the WIRELESS-GROUPS to five groups (A-E) and < > is (ON):

1. When displaying multiple groups, short press the <MODE·LOCK > button to switch the multi-group mode to MULTI mode. Press the group selection button to choose a group, short press <MODE·LOCK > button can set the MULTI mode to ON or OFF (–) Short press the group button to cancel the selection, then short press <MODE·LOCK > button can exit MULTI mode.



2. When displaying multiple groups, press the group selection button to choose a group, short press <MODE·LOCK > button to switch among TTL/M/–.

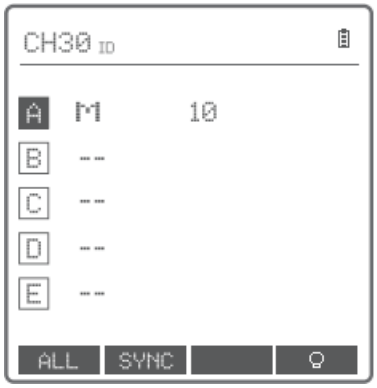
   Note: TTL means auto flash, M means manual flash, — means off.



3. For FT433 C, short press magnification button to display single group, short press <MODE·LOCK > button to switch among ETTL/M/OFF. For FT433 S and FT433 N, short press magnification button to display single group, short press <MODE·LOCK > button to switch among TTL/M/OFF.

Set the groups to 16 groups (0-F):

1. When displaying multiple groups or a single group, there is only the M manual mode.



Screen Lock
Long press the <MODE·LOCK > button until “LOCKED” is displayed on the bottom of the LCD panel, which means the screen is locked and no parameters can be set. Long press the <MODE·LOCK > button for 2 seconds again to unlock.

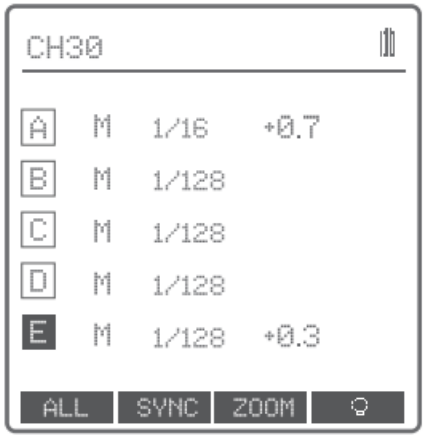
Magnification Function
Switch between multi-group and single-group mode: choose a group in multi-group mode and press the button to magnify it to single-group mode. Then, press the button to back to multi-group.

Output Value Settings (Power Settings)

1. 1. Press the group button to choose the group, turn the select dial, and the power output value will change from Min. to 1/1 or from Min. to 10 in 0.1 or 1/3 step increments. Then, press the <SET> Button to exit from this

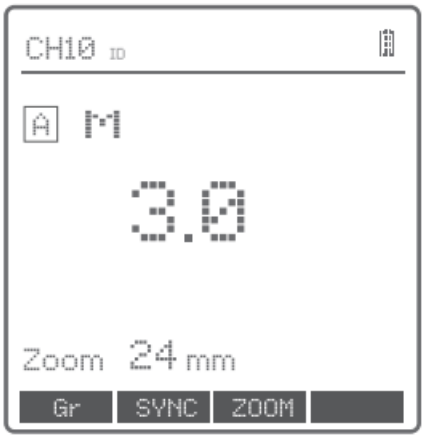
setting.

2. Press Function Button 1 (<ALL> button) to choose all groups' power output value, turn the select dial, and all groups' power output value will change from Min to 1/1 or from Min to 10 in 0.1 or 1/3 step increments. Press Function Button 1 (<ALL> button) again to confirm the setting.Multi-group displays in the M mode



Single-group displays in the M mode

Turn the select dial and the group's power output value will change from Min to 1/1 or from Min to 10 in 0.1 or 1/3 step increments.
Note: M means manual flash mode.



Note: Min. refers to the minimum value that can be set in M or Multi mode. The minimum value can be set to 1/128 0.3, 1/256 0.3, 1/512 0.3, 1/128 0.1, 1/256 0.1, 1/512 0.1, 3.0 (0.1), 2.0 (0.1) and 1.0 (0.1) according to MENU-STEP.

Flash Exposure Compensation Settings

Multi-group displays in the TTL mode

1. Press the group button to choose the group, turn the select dial, and the FEC value will change from -3 to 3 in 0.3 step increments. Press the
   <SET> button to confirm the setting.
2. Press Function Button 1 (<ALL> button) to choose all groups' FEC values, turn the select dial, and all groups' FEC values will change from -3 to 3 in 0.3 step increments. Press Function Button 1 (<ALL> button) again to confirm the setting.

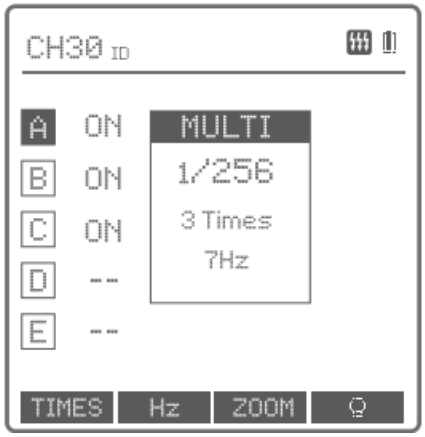
Single-group displays in the TTL mode

1. Turn the select dial and the group's FEC value will change from -3 to 3 in 0.3 step increments.

Note: TTL means auto flash mode, FEC means flash exposure compensation.

Multi Flash Settings (Output Value, Times and Frequency)

Conditions for setting the multi flash parameters: 5 (A-E) should be selected in the WIRELESS-GROUPS, and multi flash should be turned on. When displaying multiple groups, short press the <MODE·LOCK> button to enter multi flash setting interface.



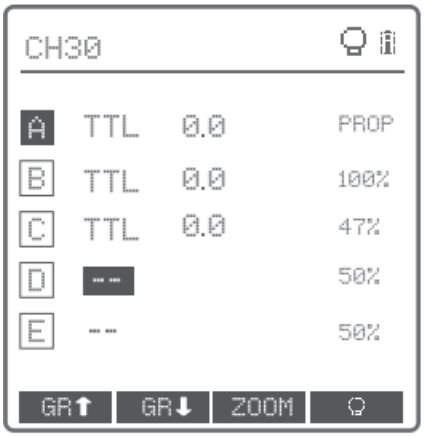
1. In the multi flash (TTL and M icons are not displayed).

2. The three lines are separately displayed as power output value (Min. ~ 1/4 or Min. ~ 8.0), Times (flash times) and Hz (flash frequency).
3. Turn the select dial to change the power output value from Min. to 1/4 or from Min. to 8.0 in integer steps.
4. Short press the function button 1 (TIMES button) can change flash times. Turn the select dial to change the setting value (1-100).
5. Short press the function button 2 (HZ button) can change the flash frequency. Turn the select dial to change the setting value (1-199).
6. Until any value or three values are set, short press the <MODE·LOCK> button to exit the setting status.

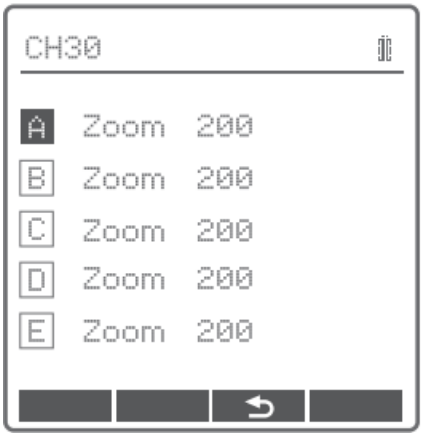
Note: As flash times are restricted by flash output value and flash frequency, the flash times cannot surpass the upper value permitted by the system. The times that are transported to the receiver end are real flash time, which is also related to the camera's shutter setting.

Modeling Lamp Settings

1. When displaying multiple groups, press the function button 4 button to control the ON/OFF of the modeling lamp.
2. Press the group button to choose the group when displaying multiple groups and the modeling lamp master control is turned on, press the function button 4 button to control the status of the modeling lamp: OFF (–), Percentage value (10 -100) or PROP (auto mode, changes with the flash brightness).
3. When the modeling lamp is in the percentage value status, long press the function button 4 to enter the modeling lamp brightness value setting interface, and turn the select dial to select the desired modeling lamp percentage value.
4. When displaying a single group, it is the same as the above-mentioned multiple groups display operation.



ZOOM Value Settings
Short press the function button 3 and the ZOOM value will be displayed on the LCD panel. Choose the group and turn the select dial, and the ZOOM value will change from AUTO/24 to 200. Choose the desired value and press the function button 3 again to return to the main menu.

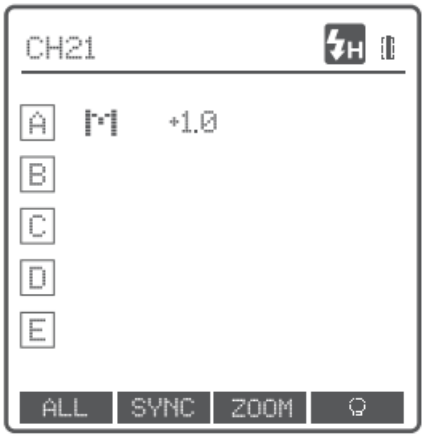


Note: Set the WIRELESS-GROUPS to 16 groups (0-F), the zoom value is unadjustable in both multi-group displays and single-group displays.

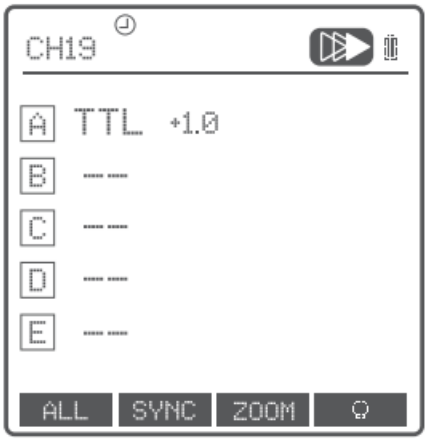
Shutter Sync Settings

FT433 C

1. High-speed sync: press the function button under <SYNC> and <H> is displayed on the LCD panel.

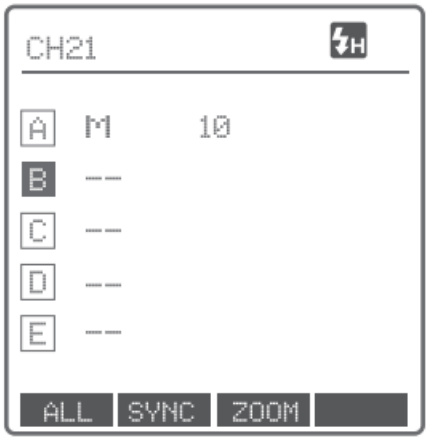


2. Second-curtain sync: press the function button under <SYNC> and <> is displayed on the LCD panel.



FT433 S

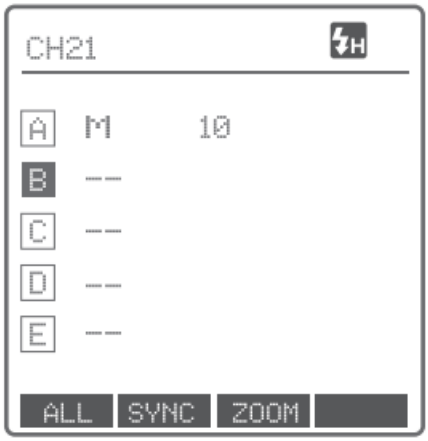
1. High-speed sync: press the <SYNC> button and <H> is displayed on the LCD panel. Press the MENU or shortcut Fn on Sony camera to enter Flash Mode and choose Fill-flash <H> . Then, set the camera shutter.
2. Second-curtain sync: press the MENU or shortcut Fn on Sony camera to enter Flash Mode and choose REAR flash REAR . Then, set the camera shutter.



FT433 N

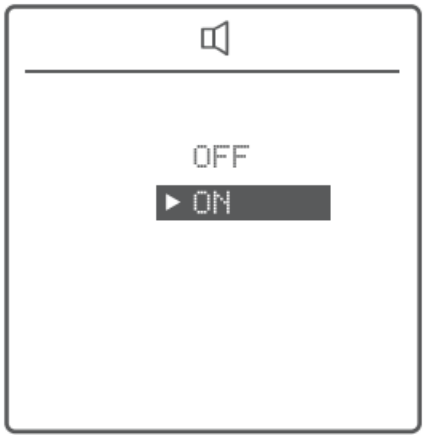
1. High-speed sync: press the <SYNC> button and <H> is displayed on the LCD panel. Set the shutter sync speed to 1/320s (auto FP) or 1/250s (auto FP) in Nikon camera setting. Turn the camera dial, and the shutter speed can be set to or more than 1/250s. Check the shutter speed through the camera viewfinder to confirm whether the FP high-speed function is used. If the shutter speed is or over 1/250s, it means the high-speed is booted up.

2. Second-curtain sync: press the flash on Nikon camera, and turn the main command dial until REAR is displayed on the panel. Then, set the camera shutter.



Buzz Settings

Press the < MENU > button to enter the C. Fn menu, turn the select dial to , press the < SET > button to enter and turn the select dial to select ON/OFF turned on or off. Then press the < MENU > Button, return to the main menu.
When choosing ON, the beeper is turned on. When choosing OFF, the beeper is turned off.



PC Socket Settings

Press the <MENU> button to enter C.Fn menu, turn the select dial to < >, and press the <SET> button to enter PC socket setting to choose IN or OUT. Press the <MENU> button again to go back to the main menu.
When choosing IN, the camera will trigger the flash trigger.
When choosing OUT, the flash trigger will trigger the flash.

SHOOT Function Settings

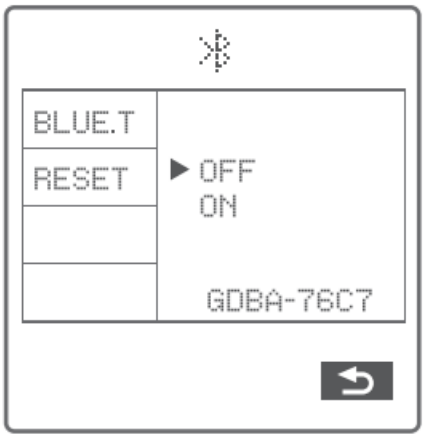
Press the < MENU > Button to enter the C.Fn menu and turn the select dial to select <SHOOT>, then short press the <SET> button and turn the select dial to select one-shoot/multi-shoots/L-858, after that press the <MENU> button to return to the main menu.

- **One-shoot**: When shooting, choose one-shoot.
  In the M and Multi mode, the transmitter unit only sends triggering signals to the receiver unit, which is suitable for one-person photography for the advantage of power saving.
- **Multi-shoots**: When shooting, choose multi-shoots, and the transmitter unit will send parameters and triggering signals to the receiver unit, which is suitable for multi-person photography. However, this function consumes power quickly.
- **L-858**: The flash parameters can be adjusted directly on Sekonic L-858 light meter when collocating with it, and the transmitter only transmits SYNC signal. The main interface will only display L-858 when it's turned on, all the parameters are unavailable to adjust since only the flash triggering function is available.

Bluetooth Settings

Bluetooth Switch: Short press the MENU button to enter the C.Fn menu, turn the select dial to select < >, then short press the SET button to enter the Bluetooth setting interface, choose BLUE.T.E then turn the select dial to OFF (turn off
Bluetooth) or ON (turn on Bluetooth), press the SET button to confirm the setting, the Bluetooth MAC code is displayed in the bottom right corner.

Bluetooth Reset: In Bluetooth settings interface, turn the select dial to turn select dial to choose “RESET” and short press the SET button to CANCEL (cancel the reset) or RESET (confirm to reset), press the SET button to confirm the setting.



APP Downloading

Scan the following QR code to download “Godox Flash” app. (available for both Android and iOS systems)

1. Set the flash trigger: Enter the menu to turn on the Bluetooth, the Bluetooth MAC code is displayed in the bottom right corner.
2. Set the app: Select < > connection in the app, enter the Bluetooth MAC code to connect to the flash trigger, enter the password (initial password 000000) to pair, return to the homepage after successfully connected.
3. The main interface will display < > after turning on the Bluetooth function.
4. Set the channel and ID of the receiving flash to the same as the flash trigger, the parameters of the receiving flash can then be adjusted in the app as follows.

Note: the APP can be used directly on the first installed device (smartphone or tablet). When changing to another mobile device, the light shall be reset before the normal usage of the APP.

MENU: Setting Custom Functions

Icons	Functions	Options	Settings and Descriptions
	Wireless	CH	32：1-32
		ID	OFF：off
			1-99：optional from 01-99
		DIST	1-100m:1-100m triggering
			0-10m:0-10m triggering
		GROUPS	5(A-E)：5 groups
			16(0-F):16 groups
	Bluetooth	BLUE.T.	OFF: off
			ON: on
		RESET	CANCEL: cancel
			RESET: Bluetooth reset
	Multi flash	ON	Turn on multi flash
		OFF	Turn off multi flash
DELAY	HSS delay	OFF	Turn off HSS delay
		0.1ms-9.9ms	HSS delay range
STEP	Power output value	1/128 0.3	The minimum output is 1/128 (change in 1/3 step)
		1/256 0.3	The minimum output is 1/256 (change in 1/3 step)
		1/512 0.3	The minimum output is 1/512 (change in 1/3 step)
		1/128 0.1	The minimum output is 1/128 (change in 0.1 step)
		1/256 0.1	The minimum output is 1/256 (change in 0.1 step)
		1/512 0.1	The minimum output is 1/512 (change in 0.1 step)
		3.0 （0.1）	The minimum output is 3.0 (change in 0.1 step)
		2.0 （0.1）	The minimum output is 2.0 (change in 0.1 step)
		1.0 （0.1）	The minimum output is 1.0 (change in 0.1 step)

Icons	Functions	Options	Settings and Descriptions	
SHOOT	One-shoot		Only send triggering signals in the M & Multi mode when camera is shooting	
	Multi-shoots		Send parameters and triggering signal when camera is shooting (suitable for multi person photography). Do not use multi -shoots function when collocating with X1R-C.	
	L-858	L-858	The flash parameters can be adjusted directly on Sekonic L-858 light meter when collocating with it, and the transmitter only transmits SYNC signal. The main interface will only display L-858 when it's turned on, all the parameters are unavailable to adjust since only the flash triggering function is available.	
TCM	TCM transform function	OFF	Turn off TCM transform function	
			TT685II/V860III series	Transform the TTL shooting value into the output value in the M mode. The main light mode shall prevail in mixed use. Short press the <MODE·LOCK> button can realize TCM transform when this function is switched on.
		100j	AD100Pro	
		200j	AD200	
		300j	AD300Pro	
		360j400j	AD400Pro	
		600j	AD600、AD600Pro	
		1200j	AD1200Pro	
	Legacy hot shoe	OFF	Turn off legacy hot shoe	
		ON	Turn on legacy hot shoe, TTL flash, HSS function and multi flash are unaviable.	

Icons	Functions	Options	Settings and Descriptions
ϟ	TEST button	TRIGGER	Trigger testing
		SHUTTER	Shutter testing
PC	PC socket	IN	In port, enable camera to trigger the flash trigger
		OUT	Out port, enable flash trigger to trigger the flash
AF (FT433 S)	AF Assist Beam	MILC	When using a mirrorless camera, the AF assist beam will automatically lighten on only in MILC (AF Assist Beam is switched on).
		DSLR	When using a DSLR camera, the AF assist beam will automatically lighten on only in DSLR (AF Assist Beam is switched on)
🔊	Beeper	OFF	Turn off beeper
		ON	Turn off beeper
zzz	Sleep	60sec	Enter sleep mode after 60 seconds of idle use
		30min	Enter sleep mode after 30 minutes of idle use
		60min	Enter sleep mode after 60 minutes of idle use
		OFF	Turn off sleep mode
LIGHT	Backlighting	12sec	LCD panel backlight off in 12 seconds
		OFF	LCD panel backlight always off
		ON	LCD panel backlight always lighting
◐	LCD contrast ratio	-3 to +3	The contrast ration can be set as integral number from -3 to +3
USER	Preset	SAVE	Save: 1-5
		LOAD	Import: 1-5
CLEAR	Clear function	CANCEL	Cancel
		CLEAR	Clear data from menu

Note: Short press the < ⮌ > function button 4 to return to the previous setting.

Compatible Flash Models

Transmitter	Receiver	Flash models	Note
FT433	FR433	AD200ProII, AD600ProII, AD600BMII	

Note: The range of support functions: the functions that are both owned by FT433 and flash.

Compatible Camera Models

FT433 C can be used on the following Canon series camera models:

5D III , 5D IV , 60D, 70D, 80D, 1DX, 1DX2, 850D, 760D, 5D II , 7D II , 6D II , 6D, 800D, 90D, 600D, 7D, 3000D, 1500D, 200D II , M5, M3, M6 II , EOS RP, EOS R, R5, R6 II , R7

1. This table only lists the tested camera models, not all Canon series cameras. For the compatibility of other camera models, a self-test is recommended.

2. The main flashes of certain EOS R series cameras are abnormally overexposed during TTL high-speed sync flash.
3. Rights to modify this table are retained.

FT433 S can be used on the following Sony series camera models:

a77 II, a77, a99, ILCE-6000L, a9, A7R, A7RIII, a350, DSC-RX10, A7IV, A7C, A7M4

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

FT433 N can be used on the following Nikon series camera models:

D5, D4, D60, D70S, D90, D100, D200, D300S, D300, D500, D610, D700, D750, D800, D810 D3100, D3200, D3300, D5000, D5100, D5200, D5300, D7000, D710, Z6, Z6II, Z7II, D780, Zfc

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

Technical Data

Transmitter

Model	FT433 C	FT433 S	FT433 N
Compatible cameras	Canon cameras	Sony cameras	Nikon cameras
Sync Triggering	Support for the cameras that have PC sync socket		
Power supply	2*AA batteries (sold separately)		
TTL auto flash	√		
Manual flash	√		
Multi flash	√		
High-speed sync	√		
Second- curtain sync	√ (FT433 S and FT433 N need to be set on the cameras)		
Flash exposure compensation	±3EV (exposure value), adjustable in 1/3 EV increment		
Flash exposure lock	Yes		
Focus assist	Yes (this function needs to be available on cameras)		
Modeling lamp flash	Control the modeling lamp flash by flash trigger (unavailable on FT433 S)		
Beeper	Control the Beeper by flash trigger		
Wireless shutter	The receiver end can control the camera shooting through the 2.5mm sync cord jack		
ZOOM setting	AUTO/24-200mm		
TCM function	Transform the TTL shooting value into the output value in the M mode		
Firmware upgrade	Upgrade through the USB-C port		
Memory function	Settings will be stored 2 seconds after last operation and recover after a restart		
Display	Large LCD panel, backlighting ON or OFF		

Transmission range (approx.)	0-100m
Built-in wireless	433MHz
Modulation mode	GFSK
Channel	32
Wireless ID	OFF/1-99
Group	5 groups or 16 groups (selectable in the menu)
Dimension	≈2.44" *3.98" *1.93"
Net Weight (without battery)	≈97g

Receiver

Model	FR433
Dimension	≈0.98" *1.97" mm*0.51""
Net Weight	≈10g

Specifications and data may be subject to changes without notice.

The laser module information is as follows

Maximum output power	<390μW
Emitted wavelength	650nm±10nm
Laser class	CLass 1

Restore Factory Settings
Synchronously press the two function buttons in the middle for 2 seconds, the “RESET” is displayed on the LCD panel with CANCEL and OK options, choose OK and short press SET button, it will automatically return to the main interface after the restore factory settings are finished.

Firmware Upgrade
This flash trigger supports firmware upgrade through the USB-C 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 USB-C socket, please use a USB-C connection line.
As the firmware upgrade needs the support of Godox G3 V1.1 software, please download and install the “Godox G3 V1.1 firmware upgrade software” before upgrading. Then, choose the related firmware file. The latest electronic version of the instruction manual shall prevail due to a firmware upgrade.

Attentions

1. Unable to trigger flash or camera shutter. Make sure batteries are installed correctly and power switch is turned on. Check if the transmitter and the receiver are set to the same channel, if the hot shoe mount or connection cable is well connected, or if the flash triggers are set to the correct mode.
2. Camera shoots but does not focus. Check if the focus mode of the camera or lens is set to MF. If so, set it to AF.
3. Signal disturbance or shooting interference. Change a different channel on the device.

The Reason & Solution of Not Triggering in Godox 2.4G Wireless

1. Disturbed by the 2.4G signal in the 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 lit), 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 (<0.5m).
    - Please turn on the “close distance wireless mode” on the flash trigger. FT433 series: Set the Menu-Wireless Setting-DIST to 0-10m.
4. Whether the flash trigger and the receiver end equipment are in the low battery states or not
    - Please replace or charge the battery, ensure the flash trigger and the flash are fully charged.
5. The flash trigger firmware is an old version.
    - Please update the firmware of the flash trigger, refer to the firmware upgrade instructions.

Warning

- **Operating frequency**: 2402MHz – 2480MHz
- **Maximum EIRP Power**: -0.96dBm
- **Operating frequency**: 433MHz
- **Maximum ERP Power**: -7.34dBm

Declaration of Conformity
GODOX Photo Equipment Co., Ltd. Hereby declares that this equipment complies with the essential requirements and other relevant provisions of Directive 2014/53/EU. In accordance with Article 10(2) and
Article 10(10), this product is allowed to be used in all EU member states. For more information on DoC, please click this web link:
https://www.godox.com/eu-declaration-of-conformity/
The device complies with RF specifications when the device is used at 0mm from your body.

Warranty
Dear customers, as this warranty card is an important certificate to apply for our maintenance service, please fill in the following form in coordination with the seller and safely keep it. Thank you!

Product Information	Model	Product Code Number
Customer Information	Name	Contact Number
	Address	
Seller Information	Name	
	Contact Number	
	Address	
	Date of Sale	
Note		

Applicable Products
Applicable The document applies to the products listed on the Product Maintenance Information (see below for further information). Other products or accessories (e.g. promotional items, giveaways, and additional accessories attached) are not included in this warranty scope.

Warranty Period
The warranty period of products and accessories is implemented according to the relevant Product Maintenance Information. The warranty period is calculated from the day(purchase date) when the product is bought for the first time, and the purchase date is considered as the date registered onthe warranty card when buying the product.

How to Get the Maintenance Service
If maintenance service is needed, you can directly contact the product distributor or authorized service institutions. You can also contact the Godox after-sale service call and we will offer you service. When applying for maintenance service, you should provide a valid warranty card. If you cannot provide a valid warranty card, we may offer you maintenance service once confirmed that the product or accessory is involved in the maintenance scope, but that shall not be considered as our obligation.

Inapplicable Cases
The guarantee and service offered by this document are not applicable in the following cases:

1. The product or accessory has expired its warranty period
2. Breakage or damage caused by inappropriate usage, maintenance, or preservation, such as improper packing,

improper usage, improper plugging in/out external equipment, falling off or squeezing by external force, contacting or exposing to the improper temperature, solvent, acid, base, flooding,,g and damp environments, etc

3. Breakage or damage caused by a non-authorized institution or staff in the process of installation, maintenance, alteration, addition, and detachment.
4. The original identifying information ofthe product or accessory is modified, altered, or removed..
5. No valid warranty card
6. Breakage or damage caused by using illegally authorized, nonstandard non-publicly released software
7. Breakage or damage caused by force majeure or accident
8. Breakage or damage that could not be attributed to the product itself. Once you encounter these situations above, you should seek solutions from the related responsible parties and Godox assumes no responsibility. The damage caused by parts, accessories, and software that is beyondthe warranty period or scope is not included in our maintenance scope. The normal discoloration, abrasion, and consumption are not the breakage within the maintenance scope.

Maintenance and Service Support Information
The warranty period and service types of products are implemented according to the following Product Maintenance Information:

Product Type	Name	Maintenance Period(month)	Warranty Service Type
Parts	Circuit board	12	Customer sends the product to designated site
	Battery	3	Customer sends the product to designated site
	Electrical parts e.g.battery charger, etc.	3	Customer sends the product to designated site
Other Items	Flash tube, modeling lamp, lamp body, lamp cover, locking device, package, etc.	No	Without warranty

Godox After-sale Service Call +86-755-29609320(8062)

IC Warning

The device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada’s licence-exempt RSS(s).
Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

FCC Statement

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.

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

Note:

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:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in a portable exposure condition without restriction.

FAQs

Q: How do I change the wireless channel on the FT433?

To change the wireless channel on the FT433, navigate to the MENU settings and select CH ID. From there, you can adjust the channel number according to your requirements.

Q: Can the FT433 trigger multiple units simultaneously?

Yes, the FT433 supports triggering multiple compatible GODOXflash units in different groups. You can set up and control these groups through the DIST GROUPS settings in the MENU.

Documents / Resources

	Godox FT433 TTL Wireless Flash Trigger [pdf] Instruction Manual FT433, FR433, FT433 TTL Wireless Flash Trigger, FT433, TTL Wireless Flash Trigger, Wireless Flash Trigger, Flash Trigger, Trigger

References

- GODOX Photo Equipment Co.,Ltd.
- User Manual

Manuals+, Privacy Policy

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