

## Wireless Flash Transceiver V6 II

### Cautions and Warnings

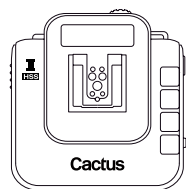
Before using your V6 II, read the following safety precautions to ensure correct and safe use:

- Turn OFF all your equipment (e.g., Cactus units, flash units, cameras, etc.) before changing batteries. Observe the correct polarity when changing batteries. There is a danger of explosion if the batteries are installed incorrectly.
- Switch off the transceiver and remove batteries during storage.
- Do not disassemble.
- Do not crush the V6 II and do not expose it to any shock or force such as hammering, dropping, or stepping on it.

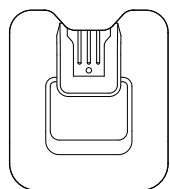
### Major Specifications

- Working radio frequency: 2.4GHz
- Number of channels: 16
- Number of groups: 4
- Supports sync speed up to 1/8,000 second
- AF Assist LED: 1W
- Maximum effective distance: 100 meters
- Operating temperature: -20°C to +50°C
- Camera voltage handling: up to 6V
- Flash voltage handling: up to 300V
- Dimensions: 79mm (L) x 77mm (W) x 48 mm (H)
- Weight: 96g
- Power input: 2 x AA battery, 3V, 50mA, 0.15W; mini USB 2.0, DC input 5V

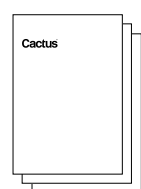
### Package Contents



V6 II Transceiver



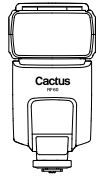
Flash Stand FS-2



Quick Start Guide, Sticker & Album

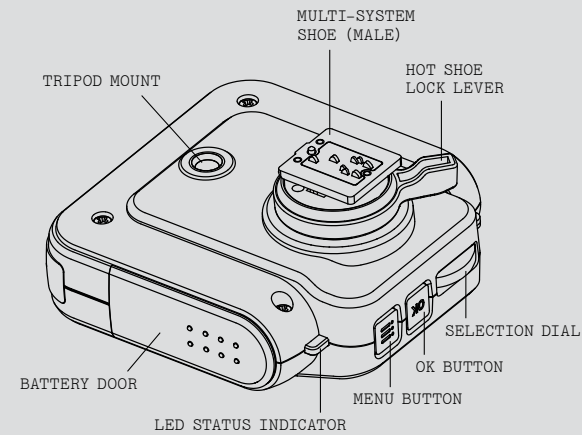
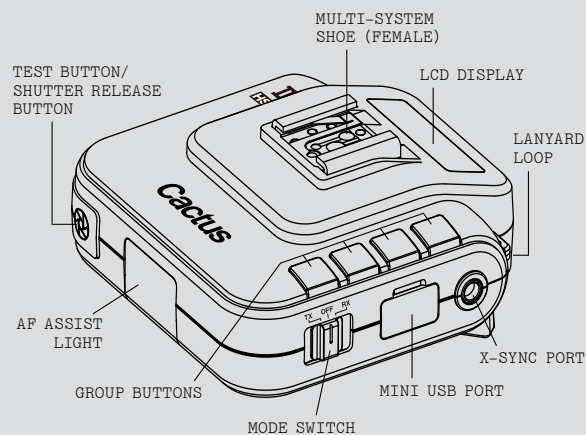
### Camera and Flash Compatibility

Camera System	Compatible Flash System

  
 RF60/RF60X

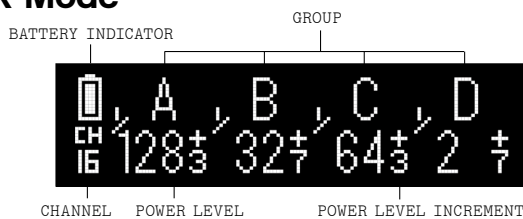
\* Fujifilm flashes do not support HSS capabilities.

### Nomenclature

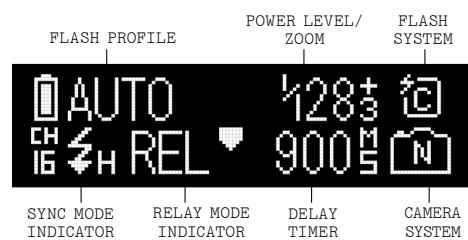


### LCD Panel

#### TX Mode

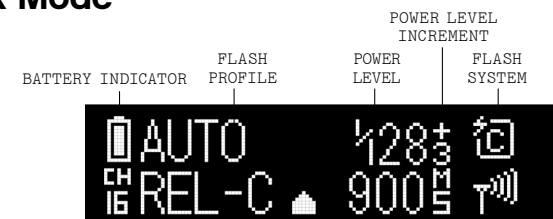


MAIN SCREEN



STATUS SCREEN (Menu + Battery)

#### RX Mode

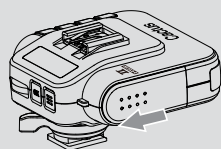


STATUS SCREEN (Menu + Battery)

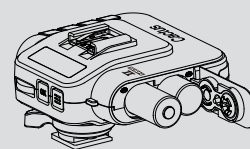
### Camera and Flash Indicators

Canon	Fujifilm	Nikon	Olympus (M43)	Pentax	Others

### Installing the Batteries

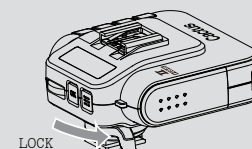


Open the battery door by pushing it backward.



Flip open the latch and insert two AA batteries using the correct polarities. Then close the battery door by pushing it to the front.

### Attaching to the Camera



Turn the lock lever to the RIGHT to LOCK the multi-system shoe to the camera.



Turn the lock lever to the LEFT to UNLOCK the multi-system shoe from the camera.

### Choose the Operation Mode

Set the V6 II transceiver to the correct mode (transmitter to "TX", receiver to "RX") by sliding the mode switch to the correct position.



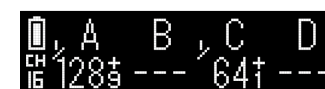
### Setting the Channel

Set all of your V6 II transceivers to the same channel (e.g., channel 10):



### Setting & Selecting the Group

- TX: Activate any combination of groups by pressing the group buttons.
- RX: Set each unit to Group A, B, C, or D by pressing the group button. Each RX can only be assigned to ONE group.



## Camera Setup (TX)

Method 1: Auto-Detect

Half-press the shutter release of your camera while switching on the V6 II to TX mode.



Method 2: Manual Selection (e.g., Pentax)

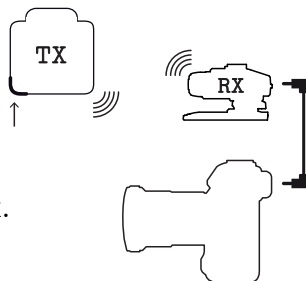


## Remote Power Control

Function	Key
Adjusting all groups	[Menu]
Adjusting a single group (e.g., group A)	[A] + [Group] or Hold [A], then [Group]
Adjusting the on-camera flash	[Menu] + [Flash]

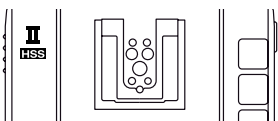
## Camera Shutter Release

1. Connect the V6 II RX to your camera using an appropriate shutter release cable.
2. Match the channel and the group of the TX and the RX.



[Icon]	Functions	Status LED
[Half-press]	Auto-focus	Orange
[Full-press]	Release the shutter	Green

## TTL Pass-through



- The V6 II transceiver comes with a multi-system shoe that supports TTL pass-through of **Canon, Fujifilm, Nikon, Olympus, Panasonic, and Pentax** systems. Make sure that the camera and flash unit belong to the same TTL system.

- Turn ON/OFF TTL pass-through: Hold [Menu]

- The LCD display will show the TTL pass-through indicator at the lower left corner in TTL pass-through mode.



## Flash Setup (TX/RX)

Turn on your flash and switch it to TTL mode.

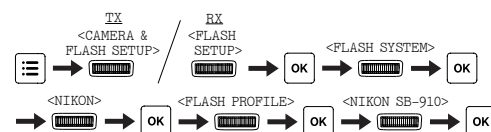
Method 1: Auto-Detect

Use an Auto flash profile: switching on the V6 II to RX mode will cause the transceiver to detect and apply the Auto flash profile.



Method 2: Manual Selection

Choose a flash-specific profile from the menu (e.g., SB-910).



## Remote Zoom Control

Function	Key
Toggling to and from the zoom control panel	[OK]
Adjusting all groups	[Menu]
Adjusting a single group (e.g., group A)	[A] + [Group] or Hold [A], then [Group]
Adjusting the on-camera flash	[Menu] + [Flash]

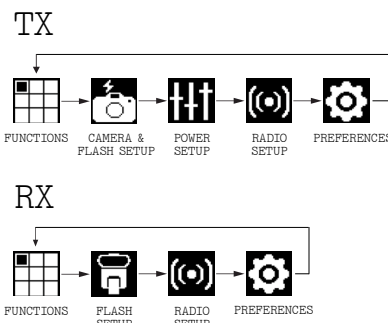
## Relay Mode

Camera Shutter + Flash



V6 II Units	TX	RX1	RX2
Connection	Handheld	Mount on camera's hot shoe and connect using a corresponding shutter cable.	Connect to flash unit.
Setup	[Menu] → [FUNCTIONS] → [OK] → [RELAY] → [OK] → [ON] → [OK]		No set up required.

## Menu at a Glance



FUNCTIONS	TX	RX
- SYNC MODE	✓	✓
- DELAY	✓	✓
- RELAY	✓	✓
- GROUP SEQUENCE	✓	✓
- SPORTS SHUTTER	✓	✓
- TTL PASSTHROUGH	✓	
<b>CAMERA &amp; FLASH SETUP</b>	<b>TX</b>	<b>RX</b>
- CAMERA SYSTEM	✓	
- FLASH SYSTEM	✓	
- FLASH PROFILE	✓	
- LEARN HSS <sup>▲</sup>	✓	
<b>FLASH SETUP</b>	<b>TX</b>	<b>RX</b>
- FLASH SYSTEM		✓
- FLASH PROFILE		✓

## Normal HSS

1. Turn on the HSS/FP setting of the remote TTL flashes attached to the V6 II RX.



2. Choose Normal HSS from the V6 II TX menu.



## Power Sync

1. Choose Power Sync from the V6 II TX menu.



2. Adjust the sync time, if necessary.



- Turn the dial to the LEFT to expedite the sync time if you find a dark band at the BOTTOM of the picture.
- Turn the dial to the RIGHT to delay the sync time if you find a dark band at the TOP of the picture.

Notes:

1. If dark bands appear at both the top and bottom of the picture, the flash duration of the portable flash may not be long enough to support Power Sync.
2. The flash fires full power in Power Sync, so check for any overheat warning from time to time. Frequent use of Power Sync may overheat the portable flash.

## Forced HSS for Fujifilm

Fujifilm flashes do not support HSS flash exposure. However, Cactus V6 II offers a workaround to support HSS flash with Fujifilm cameras.

1. Learn HSS.



2. Turn ON/OFF Forced HSS by pressing [Flash] once.

