

2-camera switching can be done simply and speedily by one operator.  
VSE-200 can be attached to a camera directly.



2ch Compact live switcher

VSE-200

Accessory: Auto take switch AR-50

## Currently available NTSC version only

2 cameras  
by 1 person

BNC x2  
Input

Adopting  
Gen-lock system

Simple  
Set-up

Direct  
Cutting

Overlap

Auto Take

External  
Remote Control

Built-in  
Intercom

XLR4P  
DC 12VIN

Cable  
Compensation

External  
Tally Out

## 2-camera switcher by one operator

### Light-weight / Compact body

Small and light for ENG use. It realizes about 1.2 kg lightening with the compact body approximately same size as the battery Sony BP-M100.



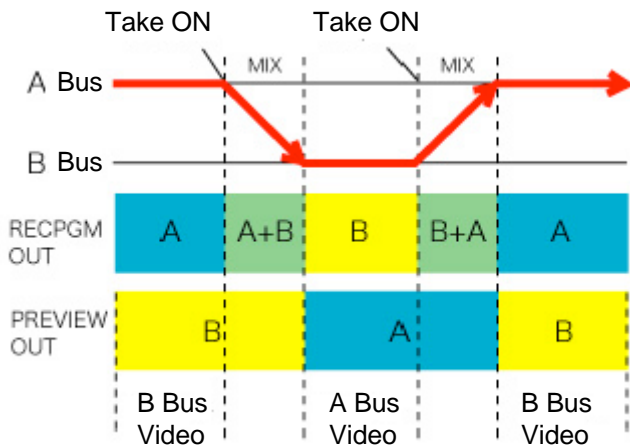
Main Panel



Connector Panel

## Auto take from the zoom remote controller

It realizes auto take with zoom remote controller AS-520 (option) or zoom remote controller on your hand, and the switching by the will of the cameraman becomes possible. It is possible to adjust a frame from 0 to 200 in the cut / overlap time in the main unit take time volume.



Also, it is possible for the main unit to switch, too, with the AUTOTAKE button which was arranged at the main unit operating panel.

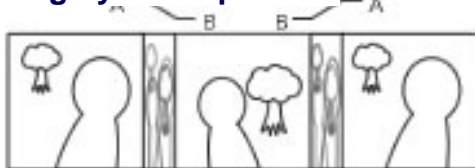
## Simple operability and high efficiency

It utilizes the full merit of the analog switcher and the delay of the picture doesn't occur by the adoption of the gen-lock system. The overlap and the simple switching of direct-cut to seem to be necessary on the field.

**It is compatible with 2 input powers, battery and Canon 4-pin.**

For various recording environment and cases in the field, it supports the direct Sony lithium-ion battery attachment and the drive of Canon 4-pin.

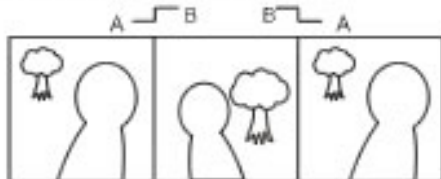
### Switching by overlap



### Intercom built-in

By the built-in Intercom function, the intercom system can be easily built with optional headset (FL-301) and FD-300A of wired type Intercom.

### Switching by direct-cut (TAKE TIME 0 frame)



## Very simple, 5-step quick set-up

### STEP 1

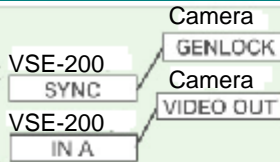


Connect VSE-200 on a camera battery mount (V shoe).

### STEP 2



Connect camcorder and VSE-200 with 2 BNC cables (Video signal, GENLOCK).

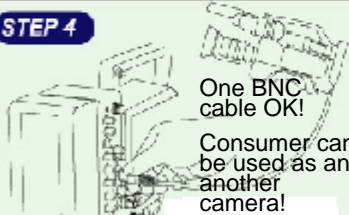


### STEP 3



Attach a battery, AC adaptor, etc to VSE-200, and fix a camcorder on a tripod.

### STEP 4



One BNC cable OK!  
Consumer can be used as another camera!

Connect VIDEO output of another camcorder to [IN B] of VSE-200 with a BNC cable.

GENLOCK of another camera is not necessary.

### STEP 5

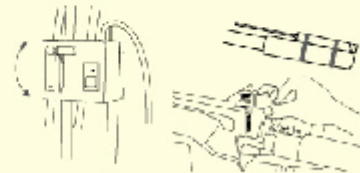


Connect [REC] terminal of VSE-200 to input terminal of recording VTR.

Connect monitor output terminal of recording VTR to a monitor.

**Connection of VSE-200 is finished!**

### OPTION



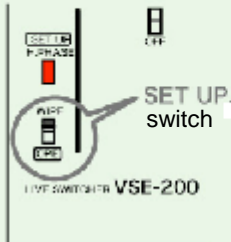
Connect Auto Take Switch AR-50, optional Tally Unit TU-200 as your selection for better shooting.

## Simple setting without a measurement equipment

### STEP 1

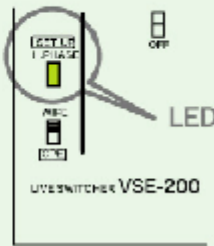
#### H. PHASE adjustment

Generate color bar of 2 camcorders. Change SET UP switch of VSE-200 to WIPE.



### STEP 2

LED lights up to the green if H PHASE is adjusted.



### STEP 3



VSE-200 LED: [off]

VSE-200 LED: [on]

If H PHASE is not adjusted, adjust a camera for the upper and lower color bar to be same position while watching a monitor connected to REC OUT.

### STEP 4

#### SC adjustment

Adjust Sub Carrier of a camcorder while watching a monitor connected to REC OUT.



UP: Camcorder A (adjusted)  
LOW: Camcorder B

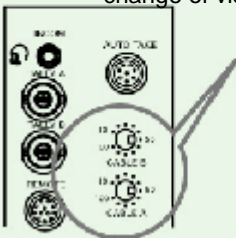


Sub Carrier adjusted status of a camcorder. Color became almost same.

**Adjustment method of a camcorder is different by model. Please refer to operation manual of a camcorder.**

### STEP 5

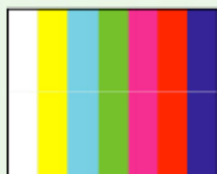
Adjust video level by adjustment volume to compensate the change of video level.



Adjust the depth of upper and lower color bar as much as possible.

Adjust the level by the volume of [CABLE B]. ※1

Set the volume of [CABLE A] to most left position. ※2



Adjust the depth of upper and lower color bar of a monitor.

※1. If the same cable is used for connection, adjustment is not necessary every time.

※2. When cable length is less than 1m.

### STEP 1

Return [SET UP] switch of Step 1 to OPE position. Adjustment is finished.

## Option



Tally unit

### TU-200

The set of Tally unit and cables.

Tally unit can be used by attaching to the accessory-shoe of the camera and display A/B.

Cables connect the input A/SYNC of VSE-200 and Sony DSR-300/500 type, Ikegami HL-DV5/7 type.



Lever kit

### VSE-RM200

External remote lever

As the fixed machine, it is possible to install to the leg of the tripod.

(There are some tripods which can not be installed.)

### VSE-200 Specifications

Input / Output	Input	NTSC signal BNC x2 (Composite 1.0Vp-p 75ohm)
	Output	BNC x3 (REC: Composite 1.0Vp-p 75ohm) / BNC x2 (Input monitor) BNC x2 (SYNC)
	Others	BNC x1 (for FD-300A) Mini-jack (Headset) / 8P connector (Auto take) / 12P connector (Remote)
Power	Input signal	DC 12V (V mount/XLR 4-pin)
General	Power consumption	approx. 3.2W
	Dimension	70x169x101mm (WxHxD)
	Weight	approx. 890g