



## **PTZ Control Panel for vMix**

**SKU: SK-P640**



The SK-P640 vMix Mini Switcher Panel is a portable director mini controller with 12 channels. It is based on MIDI, USB, RS232, 433M and other communication protocols. The SK-P640 has double rows of 12 channels for PGM/PVW switching button and a wireless Tally communication interface, which can communicate with mainstream software such as vMix, Streamstar, TCLiveSP, OBS or other mainstream live stream software, quickly and efficiently achieve the function of video live stream.

The SK-P640 requires just one standard USB cable for both powering the director control and enabling communication with the computer host. This convenient, all-in-one design combines power supply, two-way communication, and software control, greatly enhancing the ease of use for on-site operators while ensuring stability, making it a highly practical solution.

### **Features**

1. 64 High-Quality Dual-Color crystal transparent button, support with MIDI, USB, 433M and other communication protocols.
2. Equipped with broadcast level dual row 12 channel PGM and PVW switching channels, as well as wireless Tally communication interface
3. 3-Channel damping audio knob, supporting adjust main volume, pre monitoring, and monitoring headphone volume
4. Equipped with 4-channel Transition Effects switching shortcut keys,



- 4-channel switching keys commonly used customizable function
- 5. Adopting a professional T-bar guide control handle design, can achieve precise switching of live broadcast signals
- 6. Built in wireless Tally transmission system, combined with Tally lights, can achieve switching control up to 2Km
- 7. USB integrated communication and power supply design, no need for external power adapter
- 8. All metal body appearance, equipped with portable storage bag design

## 1. Interface Function



Interface	Function
ON/OFF	Guide power switch
Tally	Built in wireless TALLY transmitter module, can be connected to up to 12 channels of wireless TALLY lights
RS232	Connect the camera to achieve PTZ control and upgrade the



	switching panel program
USB	MIDI protocol interface and JOYSTICK protocol interface, and at the same time, power is supplied to through this interface

## 2. Panel Function



### 2.1 Program Bus

12 channel Program row: Press the number of the input on the Program row that you want to assign to the Program or Output.

12 channel Preview row: Press the number of the input on the Preview row that you want to ready for the Program or Output.

### 2.2 Overlay Bus



In vMix, graphics placed on top of other sources are known as Overlays. These are also known as Down Stream Keyers (DSK) because the graphics are usually “keyed” over live video after any upstream effects are applied. The DSK buttons on the Control Surface correspond to the 1 through 4 numbers underneath each input in vMix.

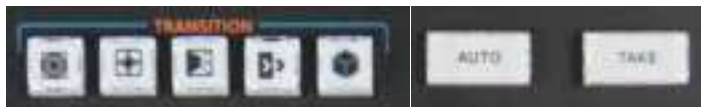
1. Select the “Title/Prtitle” channel you wish to use. Example: if you want to overlay an input on channel 1, press the DSK1 button. It will now light up indicating “Title/Prtitle” channel one on the first 12 inputs is ready to be used.
2. Press the desired input you wish to overlay. Example: if you have a lower third title in input 6, press button S06 on the Title/Prtitle row. Button S06 will then light up indicating that input 6 is overlaid on channel 1 of the chosen input.
3. To see which inputs are currently active on each overlay channel, you can



cycle through the 4 DSK buttons. If an overlay channel has an active input, the corresponding input will light up.

4. Button “SHIFT” means you can flip up to the next 13-24 channel.

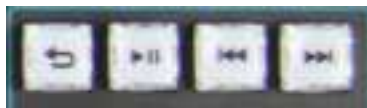
## 2.3 Transition Buttons



In live switching, changing from one camera or clip to another is called a transition. The vMix Control Surface has five transition types available, corresponding to transition buttons in vMix.

1. For a direct cut between two inputs, press the “Take” button
2. To use a stylized transition such as a wipe, fade or zoom, there are customizable transitions located at the top of Control Surface. Press the one transition types you want.
3. Choose one of the transition function, then press the “Auto” button to cut between two inputs.

## 2.4 Function Buttons



1. The first two buttons which can start/pause or back to the initial image of video.
2. The last two buttons which can select the pictures you want in the pictures' channel.



## 2.5 PTZ Camera Joystick Controller

Can control camera you connected, support 4 cameras at most. Setting add input camera in correspond number means control the this number camera.

1. Press “CAM” in PTZ/MODE row, choose this camera in which one channel. Example: if you want to control number 2 camera, press the row 2 correspond.
2. The joystick can control the lens of camera to Pan-Til-Zoom. The video can go back to the initial setting when you press the top of the joystick.
3. “VI” means you can add Virtual Set which the joystick can control also.



## 2.6 T-Bar Operation

By default, the T-Bar allows a manual fade transition between Preview and Program.

The transition effect is linked with the transition button in the vMix interface. If this button is changed from Fade to Wipe for example the T-Bar movement will create a wipe transition instead of a fade.



## 2.7 Function Operation



1. Press the red button to record.
2. The button has camera screen.
3. The button has screen on it which you can set screen casting when you connect to a monitor.
4. Press "FTB" to fade the live output to a black screen. (Fade To Black)

## 2.8 Audio Mixer



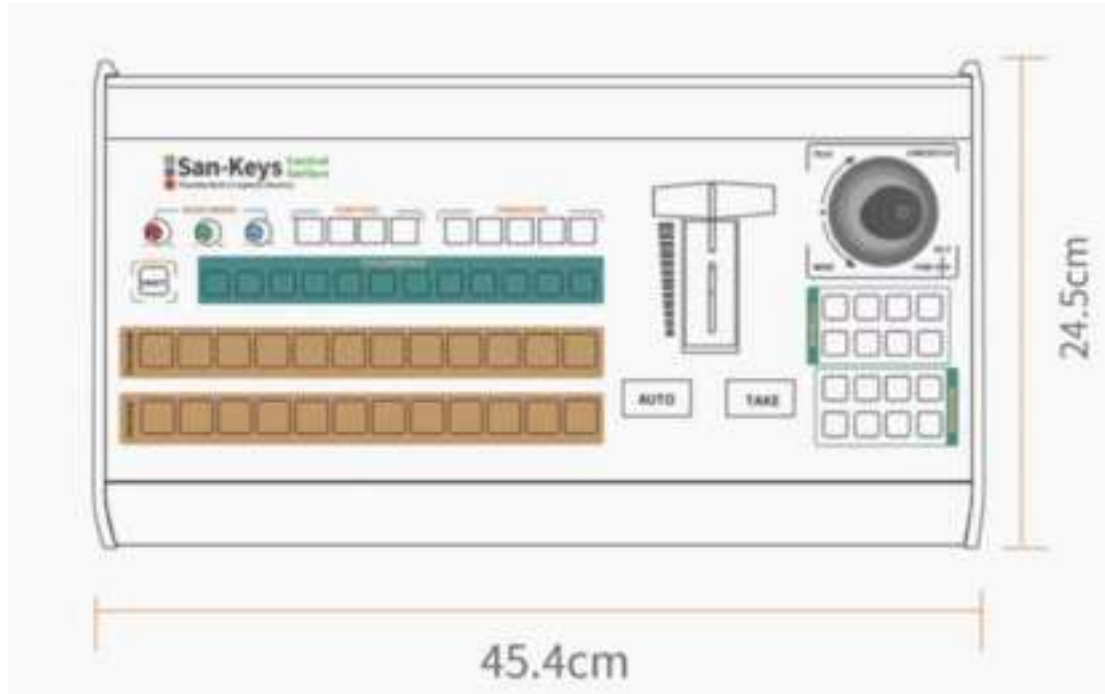
sound control function. Control the sound volume by rotating the corresponding button.

1. Red button control sound in selected video channel
2. Green button control Master sound
3. Blue button control Headphone sound

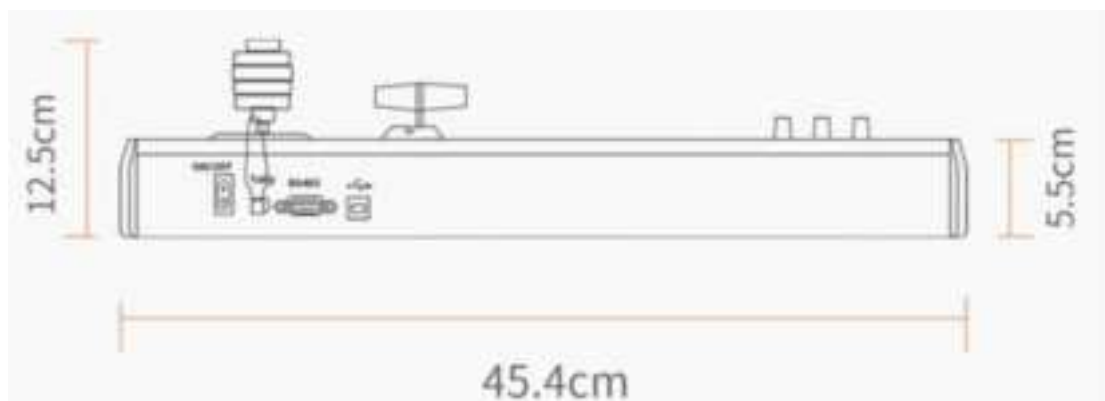


## Outside Dimension

Front view



Back view



## SK-P640 Switching Control Panel

Product Feature	Adopting communication technologies such as MIDI, USB, and 232, is equipped with a PTZ pan-tilt-zoom control system and a wireless 433 digital circuit communication module. It can achieve two-way communication control with mainstream live streaming software such as vMix, LiveX, Coreimage, and OBS in real time. At the same time, it can also remotely control the
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	pan, tilt, zoom and shift of the PTZ camera and the signal status prompt of the wireless Tally light switch.		
Technical Specifications			
Product Model	SK-P640	Product Name	broadcast Switching Control Panel
Number of Buttons	64 Two-color Backlit Crystal Buttons	Tally Communication	433M Wireless Tally Communication Technology
Speed Adjustment	Streamlined Professional T-type broadcast Control Handle	I/O Interface	USB/RS232/LAN
Operating Voltage	USB 5V Power Supply	Rated Current	0.15 A
Outline Dimension	45.4*24.5*5.5 cm	Equipment Material	Aluminum alloy body structure
Body Weight	2.35 kg	Operating Temperature	-25℃ - 60℃
Storage Humidity	Less than 90% without condensation	Supported Software	vMix/FireReplay/SIN SAM