

# VXF17

## QUICKSTART GUIDE

17" Full HD 3G-SDI/HDMI Rackmount Studio and Field Monitor



### What's Included

- 1 x VXF17 Monitor
- 1 x AC Adapter
- 1 x Table Stand (*installed*)
- 1 x Rack Ears (*installed*)

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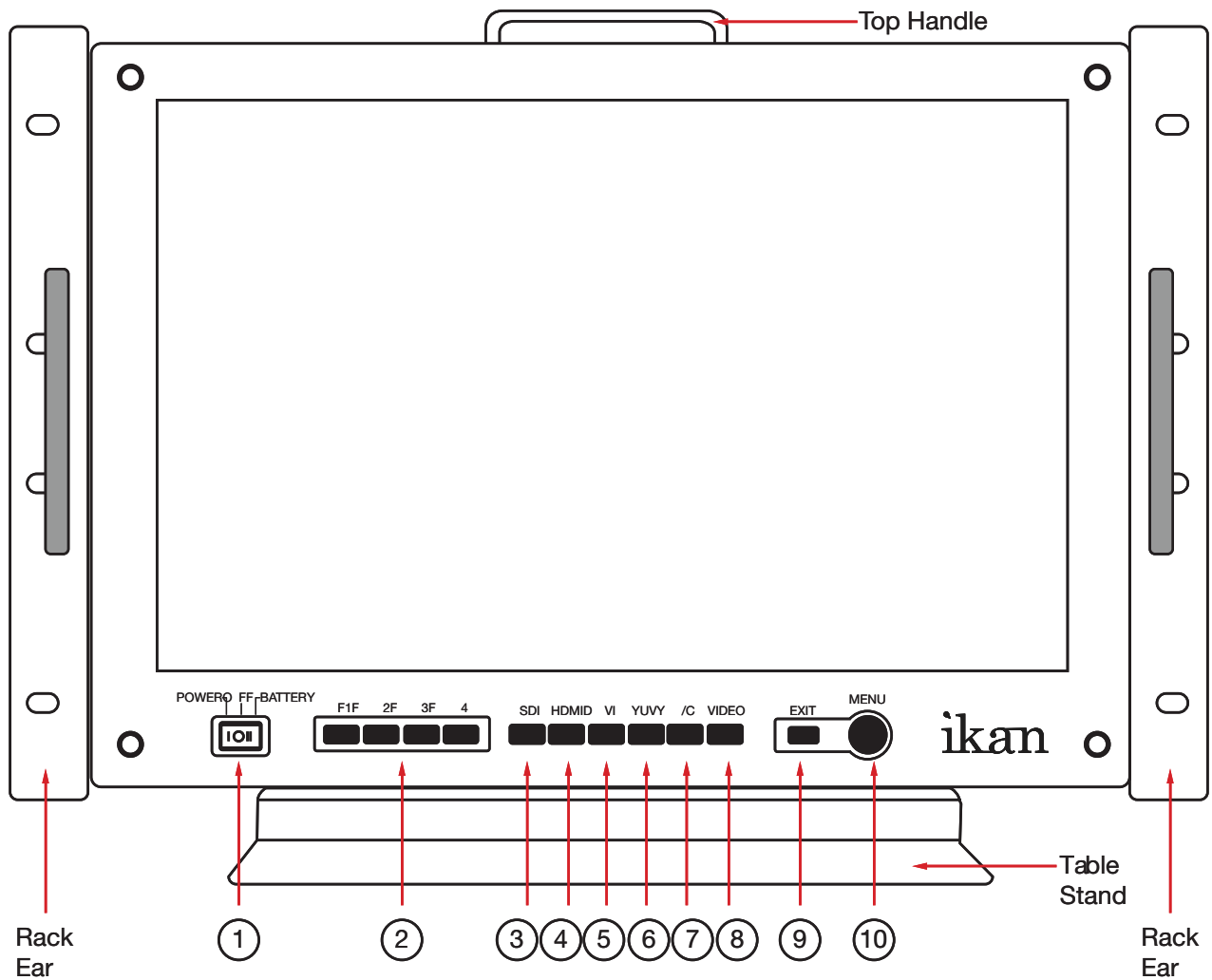
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# Getting Started

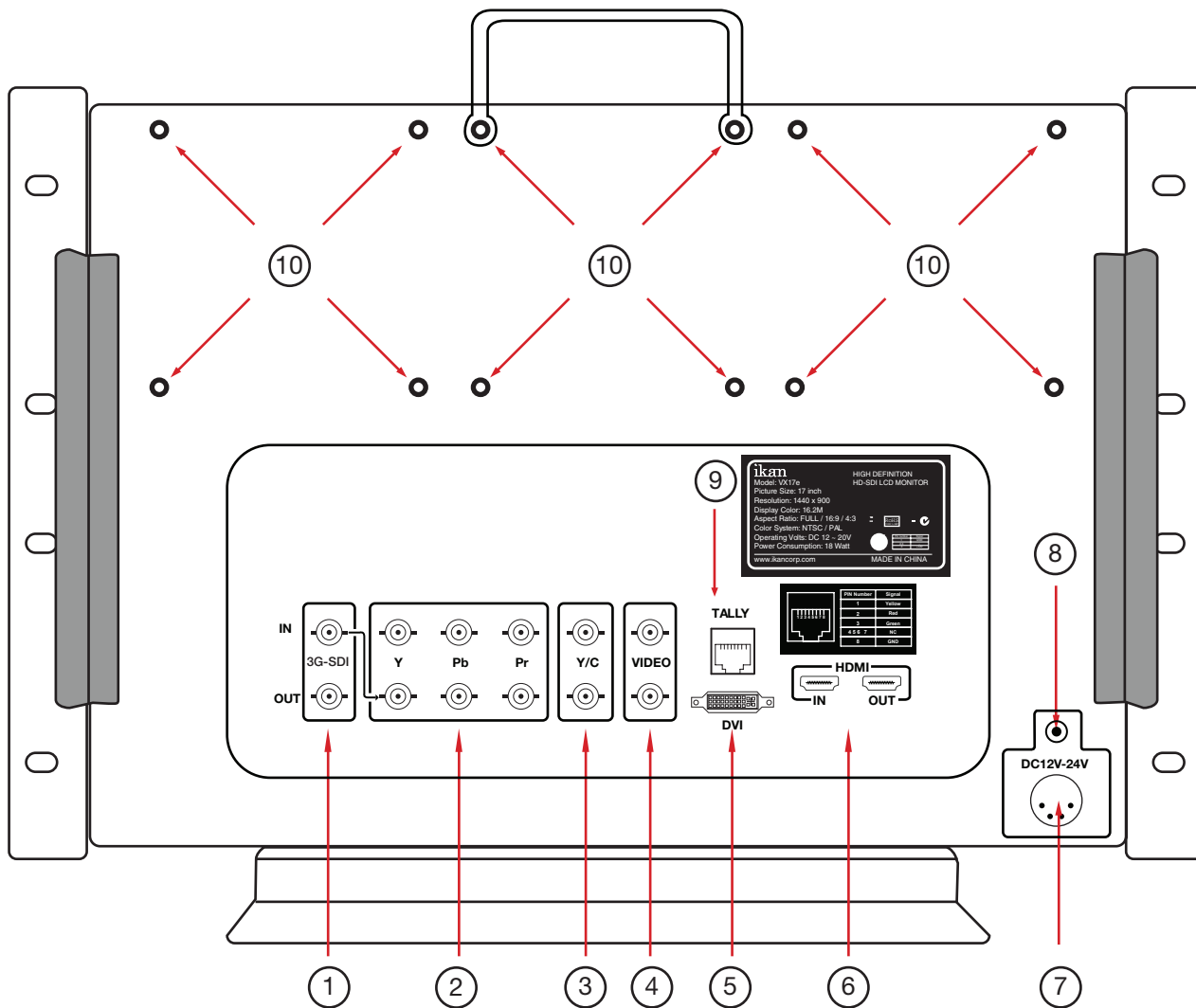
## Front



- ① Power Switch  
Power ON / OFF
- ② F1 to F4 Buttons  
User Programmable Function Buttons  
*For quick access, the user may program the F1 to F4 buttons to enable frequently accessed monitor features. Via the main monitor configuration menu, either button may be assigned to perform the following functions: Window 1, Window 2, HV delay, Blue Gun, and Pixel to Pixel, .*
- ③ HD-SDI Selection Switch  
Serial Digital Interface input & output (HD/SD compatible)
- ④ HDMI Selection Switch  
High-Definition Multimedia Interface input & output
- ⑤ DVI Selection Switch  
Digital Visual Interface input
- ⑥ YUV Selection Switch  
Analog Component or RGB input & output
- ⑦ Y/C Selection Switch  
S-Video input & output
- ⑧ VIDEO Selection Switch  
Composite input & output
- ⑨ EXIT Button  
In MENU, it is to exit the menu.
- ⑩ MENU Knob  
It is to display menu, select settings, and adjustments.  
(Push the knob to select, turn the knob to adjust settings.)

# Getting Started

## Back



① 3G-SDI Input & Output BNC Connection

② YPbPr - Component Input & Output BNC Connection

③ Y/C - S-Video Input & Output BNC Connection

④ VIDEO - Composite Input & Output BNC Connection

⑤ DVI Connection

⑥ HDMI Input & Output Connection

⑦ DC 12V-20V power terminal  
XLR DC Connection

⑧ DC 12V-20V power terminal  
Standard DC Connection

⑨ TALLY

- Do not provide power to tally connections.
- Tally light system is unpowered and works by closing the contact between any of the grounding pins and the pin for the desired LED color.

⑩ Vesa 100mm Mount Holes  
Threaded for M4x.07 screws. Use to attach Pro Battery Plate adapter.

# Configuration of Setting Menus

Brightness	0-100		
Contrast	0-100		
Chroma	0-100		
Sharpness	0-100		
Tint	0-100		
Color Temp	Manual	RGB Setup	
	5600K	— R	0-255
	6500K	— G	0-255
	9300K	— B	0-255
		— Exit	

## Guides

— Guides Option	{ OFF, 90%, 80%, 4:3 }
— Guides Background	{ Normal, Half, Black }
— Crosshair	{ OFF, ON }
— Return	

## System Configuration

— OSD Language	English
— OSD Duration	5-60 Seconds
— Menu Setup	User 1 - User 5
— LED Control	OFF, ON
— DSLR Autoscaling	OFF, DSLR Full, DSLR 16:9, DSLR 3:2
— System Reset	
— Return	

## Function Setup

— Luma Under Warn	
— Luma Over Warn	
— Function 1	Window 1
	Window 2
	HV Delay
	Guides
	Crosshair
	Peaking
	False Color
	Clip Guide
	Underscan
	Check Field
	Pixel
— Function 2 (Same as Function 1)	
— Function 3 (Same as Function 1)	
— Function 4 (Same as Function 1)	
— Return	

## Exit

# Description of Features

## **Guides > Crosshair**

Display a crosshair on the center of screen.

## **System Configuration > Menu Setup > User 1 - User 5**

This function recalls user defined values settings. The user setting will remain in memory indefinitely and can be erased by using the reset option in the main menu.

## **DSLR Autoscaling**

This function will allow users to extend their DSLR camera's HDMI video output any option of four - Normal, 3:2, 16:9, or Full Screen - convenience made simple.

## **Color Temperature > Manual > RGB Setup**

Allows you to manually control the red, blue, and green channels from 0-255.

## **Function Setup > Luma Under Warn / Luma Over Warn**

Adjustable Under Exposure and Over Exposed Warning feature gives the operator full control of the False Color brightness values. By setting the preferred IRE exposure limits, the operator is warned when the image exposure is exceeding of falling under the preset IRE limit, providing customizable, full image exposure control.

## **Function Setup > Peaking**

This is equipped with Monochrome Peaking features which highlight the desired focus area in a bright, red outline. The operator adjusts the focus control until the red indicator outlines on the desired area are razor sharp, indicating optimal focus. For the best results, be sure the subject is properly exposed.

## **Function Setup > False Color**

The False Color feature utilizes a full spectrum of assigned color indicators, ensuring flawless shot exposure. As the camera iris is adjusted, the subject of the image will change color based on specific brightness values indicating optimal exposure. See included chart for color assignments.

## **Function Setup > Clip Guide**

This adjustable upper Clip Guide levels to accurately display overexposed images in any shooting condition. The operator simply assigns the upper IRE to their preference and any exposure over the set IRE limit will flash in a vivid purple, indicating only the overexposed area.

## **Function Setup > Check Field**

Allows to see the image in monochrome or only the Red, Blue, and Green channels.

## **Function Setup > Pixel**

A signal of any other resolution is scaled to fit this native resolution. There may be time when it is desired to view the incoming signal without scaling. Enabling Pixel to Pixel mode turns off the scaling and displays a 1440x900 pixel window of the original image. Each pixel of the panel displays one pixel of the original image. The user may use the scroll wheel on top of the monitor to move the window left, right. Push the scroll wheel again to toggle up and down.

# Specifications

Specifications	
Aspect Ratio	16:10
Brightness	340 cd/m2
Build Material	Steel
Color System	PAL / NTSC / SECAM <i>(Auto-Detected)</i>
Contrast Ratio	450:1
Diagonal (Inch)	17 In.
Dimensions	15.125 x 11.75 x 1.75 In.
Display Technology	TFT LCD with CCFL Backlight
Inputs	3G-SDI, HDMI, Component, Composite, DVI, S-Video
Operating Temperature	0°C~50°C (32°F~122°F)
Operating Volts	DC 12-24V
Outputs	3G-SDI, HDMI, Component, Composite, S-Video
Pixel Pitch	0.1905 x 0.1905mm
Power Consumption	18w
Resolution	1920 x 1200
Response Time	5 ms
Screen Size	17 In.
Viewing Angle	110° Horizontal / 95° Vertical
Weight	11.5 lbs

Shipping Specifications	
Shipping Dimensions	21.5 x 8 x 15.75 In.
Shipping Weight	15 lbs

# Supported Video Signals

Supported Video Signals	
<b>3G-SDI</b>	1920 x 1080p @ 50, 59.94, 60 Hz
<b>HD-SDI</b>	1280 x 720p @ 50, 59.94, 60, Hz
	1920 x 1080i @ 50, 59.94, 60 Hz
	1920 x 1080psf @ 23.98, 24, 25, 29.97, 30 Hz
	1920 x 1080p @ 23.97, 24, 25, 29.97, 30 Hz
<b>SD-SDI</b>	720 x 480i @ 60 Hz
	720 x 576i @ 50 Hz
<b>Video</b>	NTSC-M, NTSC-J, NTSC 4.43
	PAL B/G H I D, PAL M, PAL N
	SECAM
<b>YPrPb</b>	720 x 480i @ 60 Hz
	720 x 576i @ 50 Hz
	1280 x 720p @ 23.97, 24, 25, 29.94, 30 Hz
	1280 x 720p @ 50, 59.94, 60 Hz
	1920 x 1080i @ 50, 59.94, 60 Hz
	1920 x 1080psf @ 24, 25, 29.97, 30 Hz
	1920 x 1080p @ 23.97, 24, 25, 29.94, 30 Hz
	1920 x 1080p @ 50, 59.94, 60 Hz
<b>HDMI</b>	1920 x 1080p @ 50, 59.94, 60 Hz
	720 x 480i & 720 x 480p @ 59.94, 60 Hz
	720 x 576i & 720 x 576p @ 50 Hz
	1280 x 720p @ 50, 59.94, 60 Hz
	1920 x 1080i @ 50, 59.94, 60 Hz
	1920 x 1080psf @ 24, 25, 29.97, 30 Hz
	1920 x 1080p 23.97, 24, 25, 29.94, 30, 50, 59.94, 60 Hz

Visit [www.ikancorp.com](http://www.ikancorp.com) for full specifications

## **Learn More**

More dynamic information at official website: [www.ikancorp.com](http://www.ikancorp.com)

## **Support**

Contact email: [support@ikancorp.com](mailto:support@ikancorp.com)

### **CONDITIONS OF WARRANTY SERVICE**

- Free service for one year from the day of purchase if the problem is caused by manufacturing errors.
- The components and maintenance service fee will be charged if the warranty period is expired.

Free Service will not be Provided in the Following Situations:(\*Even if the product is still within the warranty period.)

- Damage caused by abuse or misuse, dismantling, or changes to the product not made by the company.
- Damage caused by natural disaster, abnormal voltage, and environmental factors, etc.