

# **LDK 4016/05 7-inch Viewfinder with PIP**

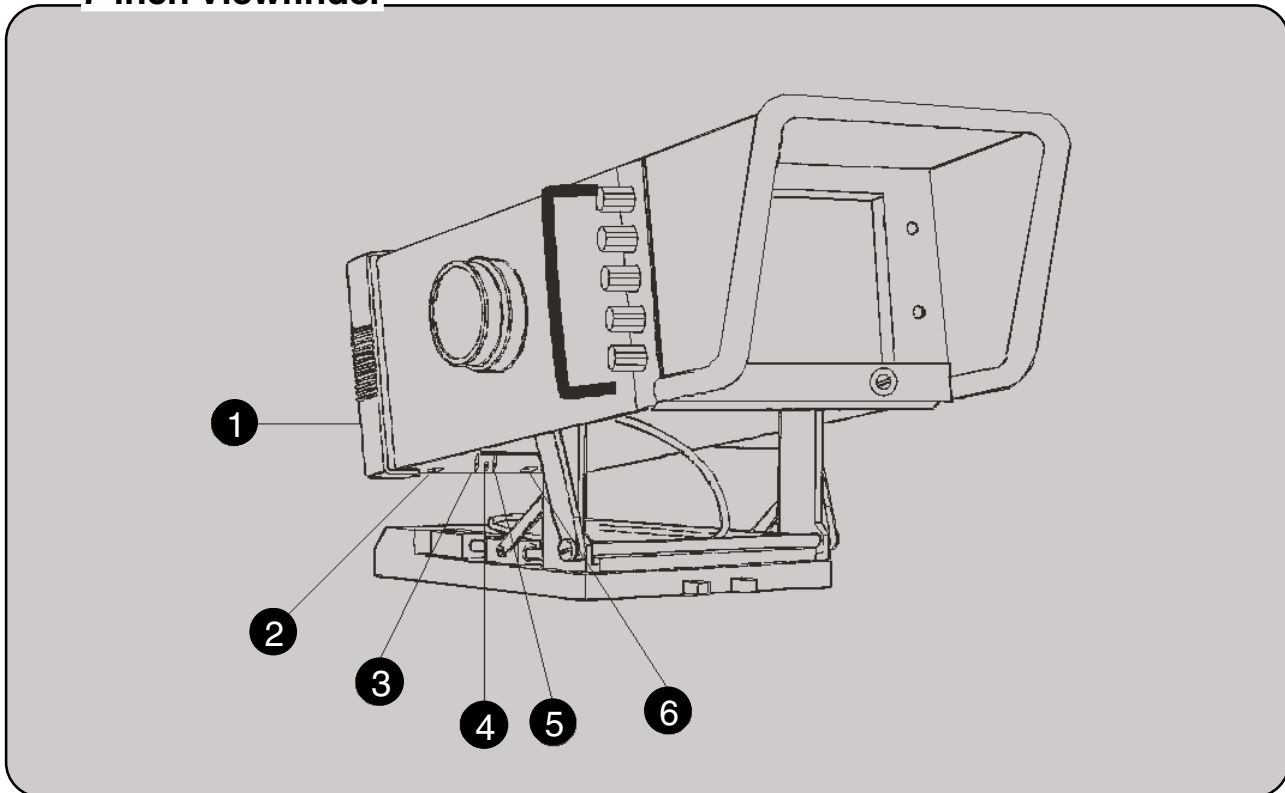
## **User's Guide**

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### **Contents**

7-inch Viewfinder .....	2	How to use PIP .....	5
Front View LED's .....	3	Positioning the Viewfinder .....	6
Front View Switches .....	4		

## 7-inch Viewfinder



### 1 Red On-air Lamps

These two red tally lamps on either side of the back of the viewfinder light when the camera picture is on-air.

### 2 Power Switch

This switch is used to switch the power supply to the viewfinder on and off. The supply to the viewfinder is supplied from the camera. When there is no camera power the viewfinder receives no power even though the power switch may be on.

### 3 PIP size

This switch is used to switch the size of the PIP signal to 1/9 or 1/16 of the viewfinder picture.

### 4 Reset button

This button resets the PIP signal to the top left corner of the picture.

### 5 PIP border

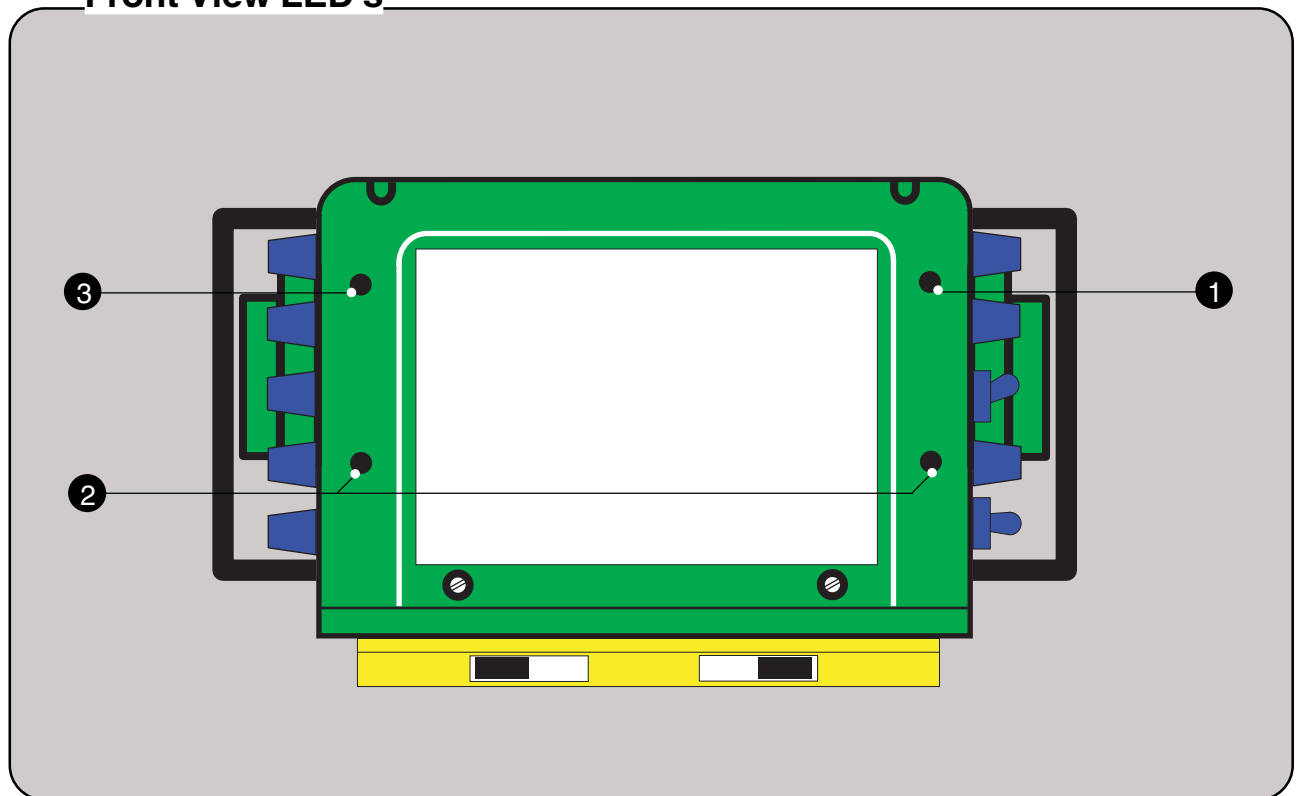
This switch is used to switch the border of the PIP signal on and off. This switch doesn't work in the reverse mode.

### 6 Aspect Ratio Switch

This switch changes the aspect ratio of the viewfinder display. The two positions are 4:3 and 16:9 aspect ratios.

If the viewfinder is a part of the LDK 10 camera system, the IIC-bus will be used and switch 3 then is disabled.

### Front View LED's



#### 1 Call LED

This green LED lights to attract the cameraman's attention.

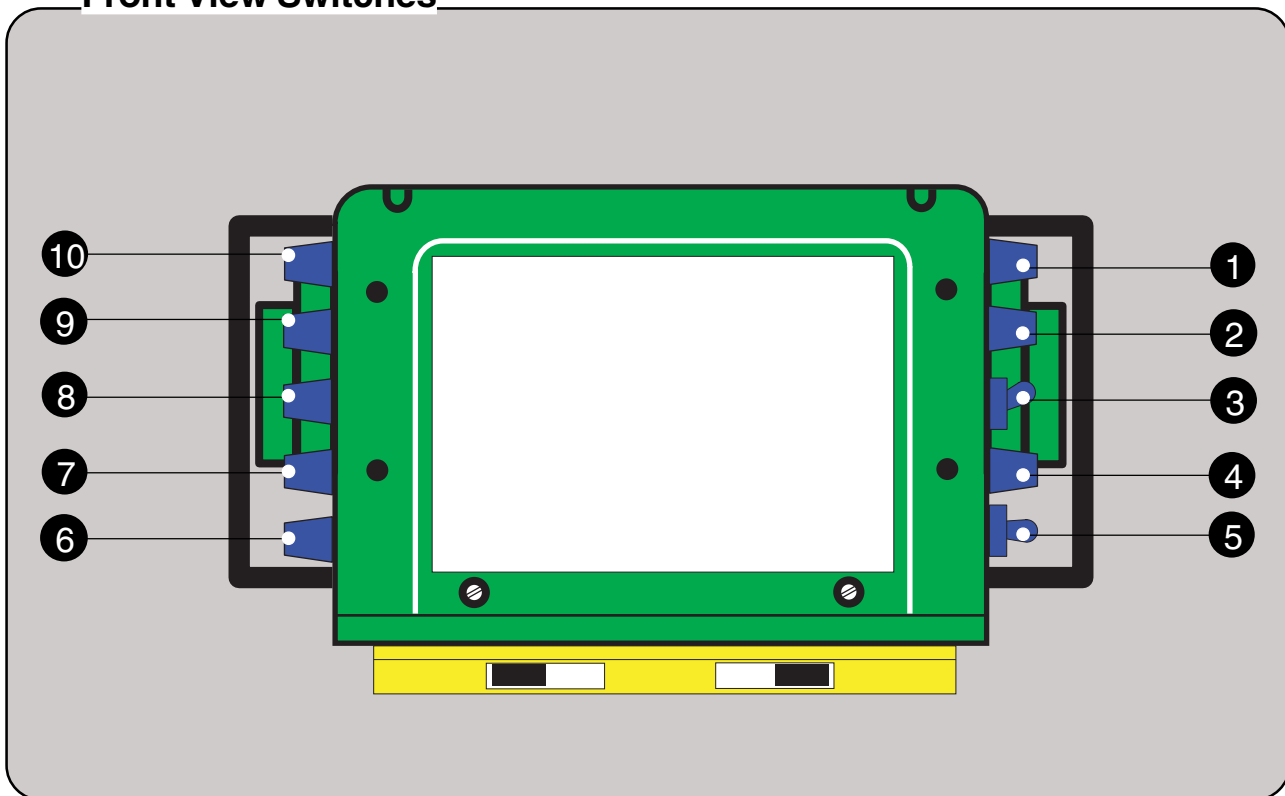
#### 3 ISO LED

This yellow LED lights to indicate that the camera signal is being used though not necessarily on-air.

#### 2 On-air LEDs

These red LEDs light to indicate that the camera is on-air.

### Front View Switches



**1 Brightness Control**

Controls the brightness of the viewfinder display.

**2 Aperture Correction Control**

This control varies the amount of aperture correction applied to the viewfinder signal when the aperture correction switch is in the ON position.

**3 Aperture Correction Switch**

This switch is used to switch the aperture correction of the viewfinder signal on and off.

**4 Contrast Control**

Controls the contrast of the viewfinder display.

**5 Picture In Picture Switch**

This switch is used to switch on the PIP signal.

**6 Cursor Frame Selection**

Selects the cursor frame mode for display on the viewfinder:

- Off = Deactivated
- # = Lines
- = Box
- Off = Deactivated

**7, 8 Cursor Line Control**

Shifts the horizontal cursor lines in a vertical direction.

**9, 10 Cursor Line Control**

Shifts the vertical cursor lines in a horizontal direction.

## How to use PIP

The PIP signal is controlled by a toggle switch and works as follows:

The first time toggle up gives the PIP signal in the top left corner of the total picture.

The second time toggle up moves the PIP signal to the top right corner of the picture.

The third time toggle up moves the PIP signal to the bottom right corner of the picture.

The fourth time toggle up moves the PIP signal to the bottom left corner of the picture.

The fifth time toggle up moves the picture back to the top left corner of the picture.

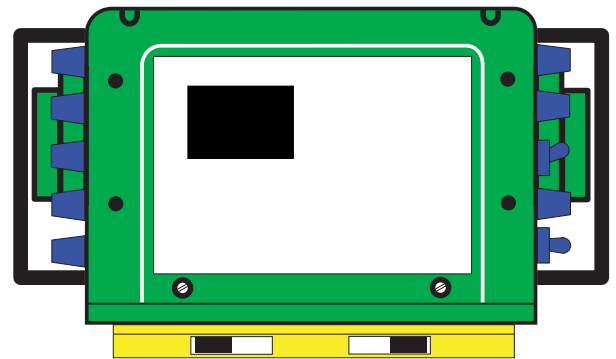
Holding toggle up longer than a second switches off the PIP signal.

After switching on the PIP signal giving a toggle down switches the PIP in reverse mode. This means PIP signal total view and Camera signal PIP view, which can be recognised on the flashing border of the PIP view.

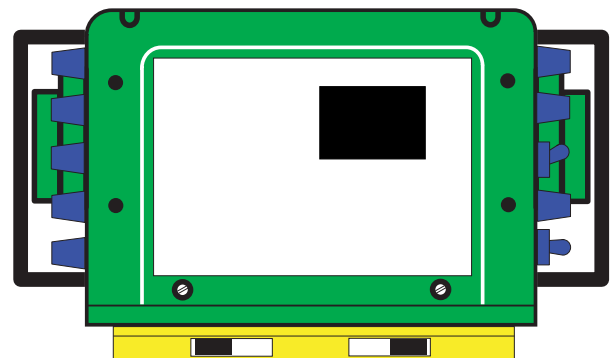
Toggle down again switches back to normal PIP mode.

### Note:

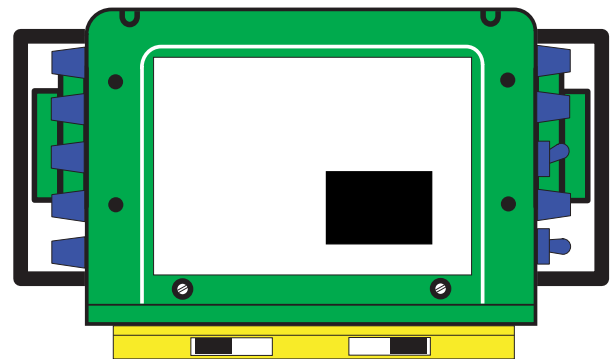
When the PIP signal is switched on, the Viewfinder shows the Camera signal and the PIP signal shows the Ext. 1, Ext. 2 or the Y/Ext signal, which can be operated from the Rear Control Panel of the LDK10 Camera.



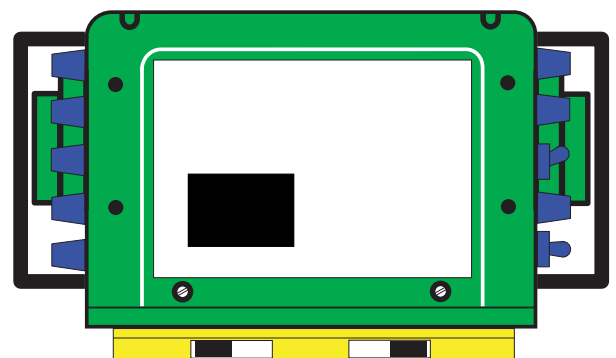
Toggle one



Toggle two

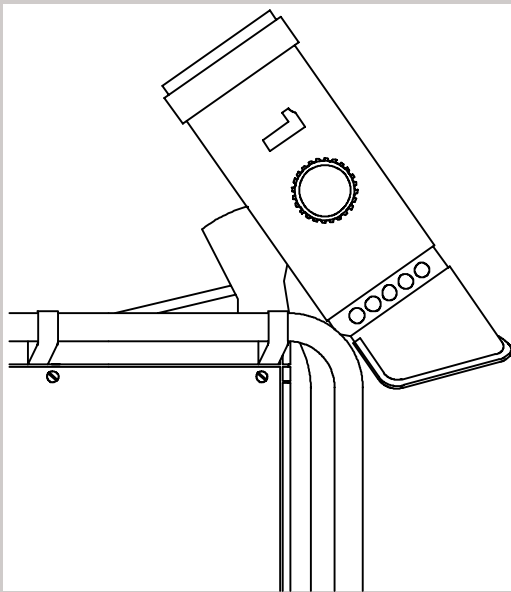
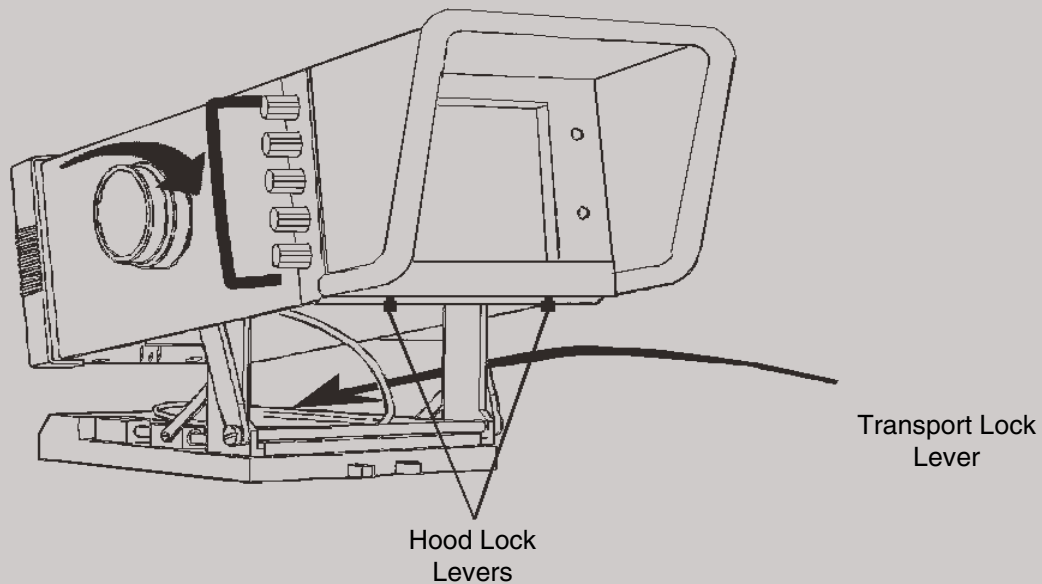


Toggle three

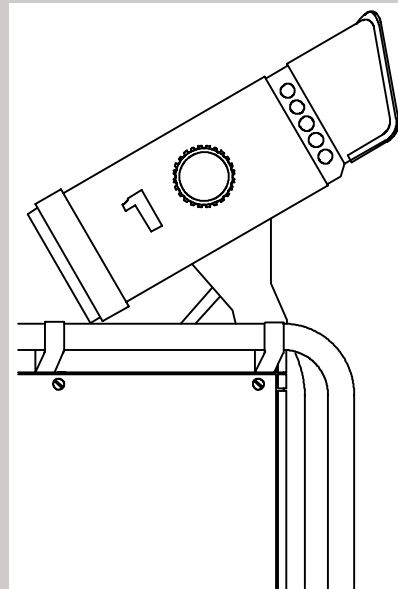


Toggle four

## Positioning the Viewfinder



Unlocking



Locking

### To swing out viewfinder

- Unlock the transport lock lever.
- Turn both unlocking knobs marked FIXED/FREE simultaneously in the FREE direction and pull up the back of the viewfinder.
- The viewfinder is now unlocked. Tilt or swing out the viewfinder into the desired position.

### Locking the viewfinder

- Rotate the two unlocking knobs marked FIXED/FREE simultaneously in FREE direction and push the back of the viewfinder down all the way.
- Hold the two unlocking knobs in the FREE position and push down the viewfinder until it clicks into place.
- Lock the transport lock lever.