LPM-770BP

Portable Monitor

Compact, 7-type, Multi-function LCD Monitor for Portable, High-Quality Video Display

A Wide Range of Functions to Help Content Creation

The LPM-770BP's pro-oriented feature set includes a color peaking function that lets you instantly confirm which elements are in focus. It's an indispensable aid when precise focusing is critical, and you can select peaking sensitivity to match the scene being shot.

There's also a Video Level Marker that colors specific video brightness levels in images to help you achieve optimum exposure and skin tone during iris adjustment.

And a native resolution function with 1:1 pixel mapping that displays the image exactly as it is being captured by the camera's image sensor.
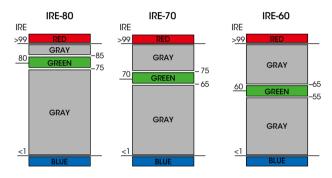
Color Peaking Display

Three level settings (Extra fine / Fine / Middle)

Video Level Marker Display

Select Pattern

* The Video Level Marker lets you select one of the above three patterns in which the green position indicates the IRE level.

Dual Composite Inputs for Dual Camera Support

HDMI, component and composite inputs assure compatibility with digital and analog formats. Two composite inputs are provided as standard, enabling you to view and adjust the color and brightness of images from two cameras using a single monitor.

Fanless, Compact, Light and Easy to Operate

In consideration of video shooting environments, the LPM-770BP features a silent, fanless design. It's also compact and light, weighing just 840g (main unit only), making it ideal for portable applications. Four 6.35mm(1/4 inch) tripod/angle sockets, one each on the top/bottom and right/left, provide extra setup flexibility.

Dual Power Supply

The unit can be powered by DC 12 V via an XLR-4P plug or the same InfoLITHIUM™ L series battery as the HVR-Z7, HVR-Z5, HVR-V1, HVR-A1, HVR-HD1000 and HXR-NX5, so you can use your existing chargers and batteries.

Camcorder Fitting Examples

On the PMW-320

On the PMW-EX1R

On the HVR-S270

On the HXR-NX5

* Mount adaptors are not supplied. This monitor weighs approx. 1.2 kg (including battery). When securing, be sure to use arms, brackets and other mounting accessories capable of firmly supporting the weight of the monitor and other mounted equipment. If the unit is secured incorrectly, it may fall and become damaged.

Other Features

- Removable LCD hood and protection plate
- Scan switching between 0% scan, 5% over scan and zoom mode possible during video input
- Center/aspect marker display

Available Signal Format

The unit is applicable to the following signal formats.

System	Total lines	Active lines	Frame rate	Scanning	Aspect ratio	Signal standard		
						COMPOITE	HDMI	COMPONENT
575/50i(PAL)	625	575	25	2:1 interlace	16:9/4:3	O	O	O
480/60i(NTSC)	525	483	30	2:1 interlace	16:9/4:3	O	O	O
576/50p	625	576	50	Progressive	16:9/4:3	–	–	O
480/60p	525	483	60	Progressive	16:9/4:3	–	–	O
640x480/60p	525	480	60	Progressive	4:3	–	–	O
1080/24PsF*	1125	1080	24	Progressive (sF)	16:9	–	–	O
1080/25PsF**	1125	1080	25	Progressive (sF)	16:9	–	–	O
1080/24p	1125	1080	24	Progressive	16:9	–	O	O
1080/25p	1125	1080	25	Progressive	16:9	–	O	O
1080/30p	1125	1080	30	Progressive	16:9	–	O	O
1080/50i	1125	1080	25	2:1 interlace	16:9	–	O	O
1080/60i	1125	1080	30	2:1 interlace	16:9	–	O	O
720/50p	750	720	20	Progressive	16:9	–	O	O
720/60p	750	720	60	Progressive	16:9	–	O	O
1080/50p	1125	1080	50	Progressive	16:9	–	O	O
1080/60p	1125	1080	60	Progressive	16:9	–	O	O

* The format on the screen is displayed as 1080/48i.   ** The format on the screen is displayed as 1080/50i.

Specifications

Picture Performance	
Type	TFT Active Matrix
Resolution	800 x 480 pixels
Effective picture size (WxH) (Diagonal)	152.4 x 91.5 mm (6 x 3 5/8 inches) 177.8 mm (7 inches)
Aspect	15:9
Viewing angle	80˚/80˚ (left/right contrast > 10:1)

Input	
Composite	BNC (x2), 1.0 Vp-p ±3dB sync negative
Component	BNC (x1), 0.7 Vp-p ±3dB (75% chrominance normal color bar signal)
HDMI	HDMI Type A (x1)
Audio	Stereo mini jack (x1)
DC in	DC 12 V (output impedance 0.05 ohms or less)

Output	
Composite	BNC (x2) loop-through,with 75 ohms automatic termination
Speaker (Built-in)	0.5 W (mono)
Headphones	Stereo mini jack (x1)

General	
Power requirement	DC 7.2 V Sony NP-F970/F770 battery* DC 12 V XLR-type 4P plug
Power consumption	Maximum approx. 15 W
Operating temperature	0°C to 40°C (32°F to 104°F) Recommended: 20°C to 30°C (68°F to 86°F)
Operating humidity	30% to 85% (no condensation)
Storage and transport temperature	-20°C to +60°C (-4°F to +140°F)
Storage and transport humidity	0% to 90%
Operating, storage, and transport pressure	700 hPa to 1060 hPa
Dimensions (W x H x D)	186 × 146 × 66 mm (7 3/8 x 5 3/4 x 2 5/8 inches)
Mass	840 g (1 lb 14 oz) (main unit only)
Supplied accessories	Hood(1), Set of printed materials

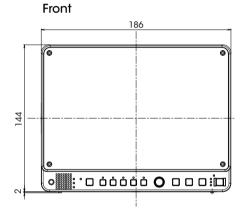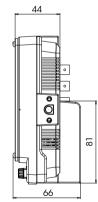* Sony NP-F570/F550/F530/F330 InfoLITHIUM™ batteries cannot be used.

Dimensions

Unit:mm

Front

186

144

2

Side

44

81

66

MK10782V1OHB10NOV