

For Customer in China

根据中华人民共和国信息产业部第39号令《电子信息产品污染控制管理办法》及标准中要求的“有毒有害物质或元素名称及含量”等信息，本产品相关信息请参考以下链接：

<http://pro.sony.com.cn>

Electronic Viewfinder

取扱説明書 2 ページ JP

Operating Instructions Page 13 GB

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お買い上げいただきありがとうございます。



注意

電気製品は、安全のための注意事項を守らないと、火災や人身事故になることがあり、危険です。

この取扱説明書には、事故を防ぐための重要な注意事項と製品の取り扱いかたを示してあります。**この取扱説明書をよくお読みのうえ、製品を安全にお使いください。**お読みになったあとは、いつでも見られるところに必ず保管してください。

DXF-801



この説明書は、再生紙を使用しています。
Printed on recycled paper.

お問い合わせは
「ソニー業務用製品ご相談窓口のご案内」にある窓口へ

For the customers in the U.S.A.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

guarantee matters please refer to the addresses given in separate service or guarantee documents.

For the customers in Europe

This product with the CE marking complies with the EMC Directive issued by the Commission of the European Community. Compliance with this directive implies conformity to the following European standards:


- EN55103-1 :Electromagnetic Interference (Emission)
- EN55103-2 : Electromagnetic Susceptibility (Immunity)

This product is intended for use in the following Electromagnetic Environments: E1 (residential), E2 (commercial and light industrial), E3 (urban outdoors), E4 (controlled EMC environment, ex. TV studio).

The manufacturer of this product is Sony Corporation, 1-7-1 Konan, Minato-ku, Tokyo, Japan.

The Authorized Representative for EMC and product safety is Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany. For any service or

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Outline

Other

Due to its large diameter, you can see the screen well at a longer distance.

The DXF-801 electronic viewfinder is a 1.5-inch viewfinder capable of switching between 4:3 and 16:9 aspect ratios. It can be used mounted on a DXC-D50/D55 series color video camera, PDW-F330/F350 series professional disc camcorder, or DSR-400/450WS series digital camcorder.

The DXF-801 has the following features.

Aspect ratio switchable 4:3/ 16:9

You can switch the image aspect ratio to 4:3 or 16:9, according to the camera/camcorder used.

High-Performance CRT

- Quick-start type (The image appears as soon as the camera/camcorder is turned on.)
- Enhanced resolution
- Reduced flare

Marker Indication

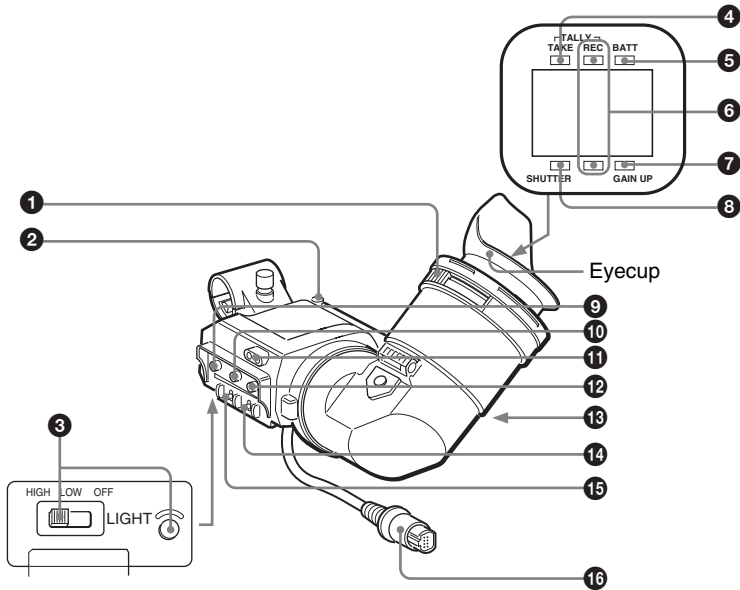
When the camera/camcorder is set so that markers such as a center marker or safety zone marker are indicated on the viewfinder screen, marker indication on/off switching can be controlled on the viewfinder.

Hinging eyepiece

By hinging up the eyepiece, you can move your eye away and use the viewfinder without the center being blurred. If dust accumulates on the screen or mirror, hinge up the eyepiece and carry out cleaning.



Location and Function of Parts



1 Eyepiece focusing knob

Turn this to adjust the viewfinder focus to match your eyesight. (See page 19.)

2 Stopper

Lift up when detaching the viewfinder from the camera/camcorder. (See page 18.)

3 LIGHT switch and light

The light illuminates the lens, and the switch controls the light as follows.

HIGH/LOW: Turn the light on and control the brightness.

OFF: Turns the light off.

4 TAKE/TALLY indicator (orange)

This functions as a green tally lamp when a camera control unit is connected with the camera/camcorder.

With the DSR-400/450WS, this indicator flashes when the camcorder is set to

Interval Rec mode. During recording in Interval Rec mode, it flashes at high-speed.

5 BATT (battery) indicator (red)

This lights when the battery capacity is low.

6 REC/TALLY (recording/tally) indicators (red)

- This flashes from the time when you press the VTR button on the lens or camera/camcorder until recording starts, then stays lit during recording.
- When using a camera control unit, this lights when the video from the camera/camcorder to which the viewfinder is attached is selected.
- This indicates a fault of the camera/camcorder.

For details, see the operating instructions for the camera/camcorder.

- The lower indicator can be enabled by the menu settings of the camera/camcorder.

For details, see the operating instructions for the camera/camcorder.

7 GAIN UP indicator (orange)

This lights when the gain of the camera/camcorder is 3 dB or more.

8 SHUTTER indicator (red)

This lights when the SHUTTER switch of the camera/camcorder is set to ON.

9 PEAKING control

This adjusts the outline intensity of the viewfinder image. (See page 20.)

10 CONTRAST control

This adjusts the contrast of the viewfinder image. (See page 19.)

11 Tally lamp

When the TALLY switch **14** is set to ON, this operates in the same way as the REC/TALLY indicators **6**.

12 BRIGHT (brightness) control

This adjusts the brightness of the viewfinder image. (See page 19.)

13 Eyepiece release catch

To view the viewfinder screen directly, press this catch, and hinge up the eyepiece.

14 TALLY switch

Set this switch to ON to use the tally lamp **11**.


15 DISPLAY switch

Set this switch to OFF when you want to hide the character data from the viewfinder and the monitor of the camera/camcorder connected to the MONITOR OUT connector.

16 Viewfinder connector (20-pin)

Connect this to the VF connector of the camera/camcorder.

Attaching the Viewfinder to a Camera/Camcorder



Notes

- When the viewfinder is attached, do not leave the camera (or the camcorder) with the eyepiece facing the sun. Direct sunlight can enter through the eyepiece, be focused in the viewfinder and cause fire.
- Be sure to power off the camera/camcorder before plugging the viewfinder connector into the VF connector on the camera/camcorder. If the connector is plugged in while the power is on, the viewfinder may not operate correctly.
- Make sure that the viewfinder connector is pushed fully into the VF connector on the camera/camcorder. If the connector is not firmly connected, the image may break up, or the tally lamp may not operate properly.
- The DXF-801 cannot be directly attached to the viewfinder shoe of the PDW-F350. Replace the shoe to attach the DXF-801 to the PDW-F350. For details, please contact your Sony dealer or a Sony service representative.

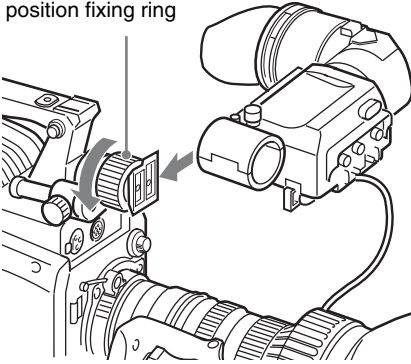
Attaching the Viewfinder

First disconnect the microphone from the viewfinder.

- 1** Slide the viewfinder onto the projection on the camera/camcorder,

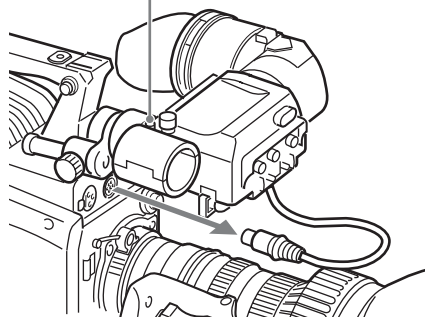
and tighten the viewfinder left-to-right position fixing ring.

Viewfinder left-to-right position fixing ring



viewfinder from the camera/camcorder, pull up the stopper.

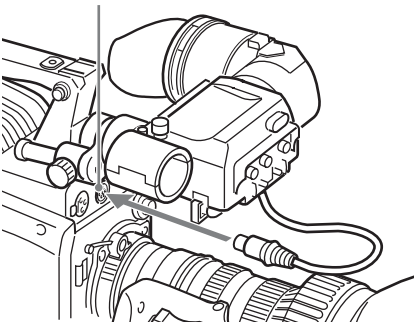
Stopper



- 2** Plug the viewfinder connector into the VF connector of the camera/camcorder.

Push the viewfinder connector firmly, and fully into the VF connector.

VF connector

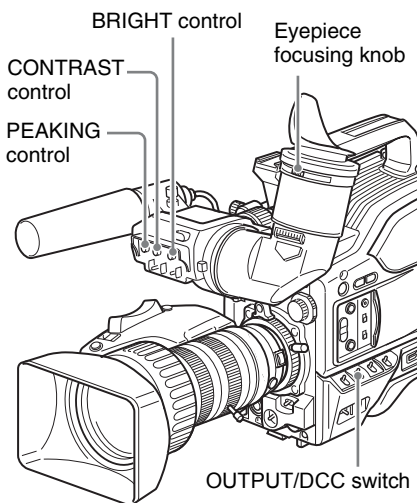


Detaching the Viewfinder

To detach the viewfinder from the camera/camcorder, conduct the attachment procedure in reverse. When removing the

Adjusting the Viewfinder Screen

To improve the visibility of the viewfinder screen, carry out the following adjustments. Although these adjustments may make the viewfinder image clearer, they have no effect on the output video signal from the camera/camcorder.



(Illustration: DXC-D55)
(Microphone is not supplied with the viewfinder.)

Adjusting the eyepiece focus

Depending on the eyesight of the camera operator —whether longsighted or shortsighted — the optimal position of the viewfinder image varies. Adjust the eyepiece focus to get the clearest viewfinder image for your eyesight.

Carry out the adjustment of the eyepiece focus with the color bars of the camera/camcorder displayed.

- 1 Set the OUTPUT/DCC switch of the camera/camcorder to the BARS position.

The color bars appear in the viewfinder.

- 2 Watching the color bars, turn the eyepiece focusing knob to adjust the eyepiece focus.

The adjustment range is from -3 to 0 diopters¹⁾ (default when shipped is 0 diopters).

Using an optional part allows you to modify the adjustment range to -2 to $+1$ diopters or -0.5 to $+3$ diopters.

For details, consult your Sony dealer or a Sony service representative.

- 3 Return the OUTPUT/DCC switch to its original position.

1) Diopter: A unit to indicate the degree of convergence or divergence of a bundle of rays.

Contrast and brightness adjustment

Carry out these adjustments with the color bars of the camera/camcorder displayed.

- 1 Set the OUTPUT/DCC switch of the camera/camcorder to the BARS position.


The color bars appear in the viewfinder.

- 2 Watching the color bars, turn the CONTRAST and BRIGHT controls to adjust the contrast and brightness.



- 3** Return the OUTPUT/DCC switch to its original position.

Outline emphasis adjustment



Turning the PEAKING control changes the degree of outline emphasis in the viewfinder image, to make focusing easier.

Cleaning the Eyepiece

To clean the screen or the mirror

Use a commercially available dust blower.

To clean the lens

Use a commercially available lens cleaner.

Note

Do not use organic solvents such as thinners.

Specifications

Design and specifications are subject to change without notice.

General

- Signal format
EIA compliant / CCIR compliant
- Scan 2:1 Interlaced 525
2:1 Interlaced 625
- Power requirements
12 V DC
- Power consumption
2.4 W
- Operating temperature
-10°C to +45°C (14°F to +113°F)
- Storage temperature
-20°C to +60°C (-4°F to +140°F)
- External dimensions
240 × 91 × 196 mm (9¹/₂ × 3⁵/₈ ×
7³/₄ inches) (w/h/d)
- Mass 620 g (1 lb 5 oz)

Performance

- CRT 1.5-inch monochrome, aspect ratio
switchable 16:9/4:3
- Horizontal resolution
600 TV lines (at center)

Accessories

- Operating Instructions (1)
Warranty Booklet (1)

Related Products

- Color Video Camera DXC-D50/D55
Digital Camcorder DSR-400/450WS
Professional Disc Camcorder PDW-F330/
F350 ¹⁾

1) To attach the DXF-801 to the PDW-F350, it is necessary to replace the viewfinder shoe (*page 17*).

Note

Always verify that the unit is operating properly before use. SONY WILL NOT BE LIABLE FOR DAMAGES OF ANY KIND INCLUDING, BUT NOT LIMITED TO, COMPENSATION OR REIMBURSEMENT ON ACCOUNT OF THE LOSS OF PRESENT OR PROSPECTIVE PROFITS DUE TO FAILURE OF THIS UNIT, EITHER DURING THE WARRANTY PERIOD OR AFTER EXPIRATION OF THE WARRANTY, OR FOR ANY OTHER REASON WHATSOEVER.

