

Mount Adaptor

Operating Instructions

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<p>LA-EB1</p>
<p> 5010030110</p>
<p>English</p>

Before operating the unit, please read this manual thoroughly and retain it for future reference.

All interface cables used to connect the equipment to peripherals must be shielded type to comply with EMC standard(s) and to prevent undesired operation due to radiated emissions. When cables are supplied, always use them for this purpose.

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.

If you have any questions about this product, you may call:
Sony Customer Information Service Center 1-800-222-7669 or http://www.sony.com/

Supplier’s Declaration of Conformity	
Trade Name	: SONY
Model	: LA-EB1
Responsible party	: Sony Electronics Inc.
Address	: 16535 Via Esprillo, San Diego, CA 92127 U.S.A.
Telephone Number	: 858-942-2230
<p>This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.</p>	

For the customers in Canada
CAN ICES-3 (A)/NMB-3(A)

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

WARNING
Operation of this equipment in a residential environment could cause radio interference.

For the customers in Europe
This apparatus shall not be used in the residential area.

이 기기는 업무용 환경에서 사용할 목적으로 적합성평가를 받은 기기로서 가정용 환경에서 사용하는 경우 전파간섭의 우려가 있습니다.

식별부호 : R-R-SOK-LA-EB1
제품명칭 : 마운트 아답터
모델명 : LA-EB1
제조사 : Sony Corporation
상호 : 소니코리아(주)
제조년월 : 제품에 표시
Made in Japan

Все интерфейсные кабели, используемые для подсоединения оборудования к периферийным устройствам, должны быть экранированы в соответствии со стандартами ЭМС для предотвращения нежелательного воздействия испускаемого излучения. Когда интерфейсные кабели входят в комплект поставки, всегда используйте их для этой цели.

ПРЕДУПРЕЖДЕНИЕ
Использование этого оборудования в жилой зоне может вызвать радиопомехи.

EAC

<p>АДАПТЕР ДЛЯ КРЕПЛЕНИЯ ОБЪЕКТИВА</p>
<p>Сони Корпорейшн 1-7-1 Конан Минато-ку Токио, 108-0075 Япония Импортер на территории стран Таможенного союза АО «Сони Электроникс», Россия, 123103, Москва, Карамышевский проезд, 6</p>
<p>Сделано в Японии</p>

Этот продукт предназначен для телевещания.

Транспортировать в оригинальной упаковке, во время транспортировки не бросать, оберегать от падений, ударов, не подвергать излишней вибрации.

Если неисправность не удастся устранить следуя данной инструкции – обратитесь в ближайший авторизованный SONY центр по ремонту и обслуживанию.

Год выпуска: см. информационную табличку на изделии или упаковочной коробке.
Пример (2016-01): 2016: год. 01: месяц.

Реализацию осуществлять в соответствии с действующими требованиями законодательства.
Отслужившее изделие утилизировать в соответствии с действующими требованиями законодательства.

Условия краткосрочного хранения:
Хранить в темных, сухих, чистых, вентилируемых помещениях, изолированными от мест хранения кислот и щелочей.
Хранить вдали от источников тепла и влаги во избежание конденсации.

EMC стандарт(тар)ына сәйкестендіру жөне сәулеленулер байланысты қажет емес жұмысты болдырмау үшін, жабдықты перифериялық құрылғыларға жалғау мақсатында пайдаланылатын барлық интерфейстік кабельдер экрандалуы керек. Кабельдер берілсе, оларды үнемі осы мақсатқа пайдаланыңыз.

ЕСКЕРТУ
Бұл жабдықты тұрғылықты ортада пайдалану радио кедергіге себеп болуы мүмкін.

EAC

<p>ОБЪЕКТИВТІ БЕКІТУ ҮШІН АДАПТЕР</p>
<p>Өндіруші: Сони Корпорейшн Өндіруші мекенжайы: 1-7-1 Конан Минато-ку Токио, 108-0075 Жапония Кеден одағы жеріндегі шетелден әкелуші «Сони Электроникс» АҚ, Ресей, 123103, Мәскеу, Карамышевский өтпе көшесі, 6</p>
<p>Жапонияда жасалған</p>
<p>Бұл өнім хабар таратуға арналған.</p>

Түпнұсқалық орамда тасымалдау керек, тасымалдау кезінде лақтыруға болмайды, құлаудан, соққылардан қорғау керек, шектен тыс дірілге ұшыратпау керек.

Егер осы нұсқаулыққа сүйене отырып, ақаулықты жою мүмкін болмаса, ең жақын заңды тіркелген SONY жөндеу және күтіп ұстау орталығына хабарласыңыз.

Шығарылған жылы: өнімдегі немесе картондағы атау тақтасын көріңіз.
Мысалы (2016-01): 2016: жылды көрсетеді. 01: айды көрсетеді.

Сатуды күшінде тұрған заң талаптарына сәйкес жүзеге асыру керек. Қызмет мерзімі біткен бұйымды күшінде тұрған заң талаптарына сәйкес залалсыз кәдеге асыру керек.

Пайдалану барысында сақтау талаптары:
Өнімдер қышқылдар мен сілтілерге арналған сақтау орындарынан оқшауланған қараңғы, құрғақ, таза, жақсы желдетілетін жерлерде сақталуы керек.
Конденсацияны болдырмау үшін, ыстық және ылғал көздерінен алыс сақтаңыз.

Türkiye'deki müşteriler için
AEEE Yönetmeliğine Uygundur

<p>For the customers in the U.S.A. SONY LIMITED WARRANTY- Please visit http://www.sony.com/psa/warranty for important information and complete terms and conditions of Sony’s limited warranty applicable to this product.</p> <p>For the customers in Canada SONY LIMITED WARRANTY- Please visit http://www.sonybiz.ca/pro/lang/en/ca/article/resources-warranty for important information and complete terms and conditions of Sony’s limited warranty applicable to this product.</p> <p>For the customers in Europe Sony Professional Solutions Europe - Standard Warranty and Exceptions on Standard Warranty. Please visit https://pro.sony/en_GB/support-services/warranty/support-professional-solutions-europe-standard-product-warranty for important information and complete terms and conditions.</p> <p>For the customers in Korea SONY LIMITED WARRANTY- Please visit http://bpeng.sony.co.kr/handler/BPAS-Start for important information and complete terms and conditions of Sony’s limited warranty applicable to this product.</p>
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Внешние размеры (прибл.)
76,3 × 96,2 × 68,6 мм (ширина / высота / глубина)
(без учета выступающих частей)

Вес
Прибл.430 г (только корпус адаптера объектива)

Сыртқы өлшемі (шамамен)
76,3 мм × 96,2 мм × 68,6 мм (ені/биіктігі/кальндығы)
(шығыңқы бөліктерді қоспағанда)

Массасы
Шамамен 430 г (тек объектив адаптерінің корпусы)

<p>Notes</p> <ul style="list-style-type: none">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. SONY WILL NOT BE LIABLE FOR CLAIMS OF ANY KIND MADE BY USERS OF THIS UNIT OR MADE BY THIRD PARTIES. SONY WILL NOT BE LIABLE FOR THE TERMINATION OR DISCONTINUATION OF ANY SERVICES RELATED TO THIS UNIT THAT MAY RESULT DUE TO CIRCUMSTANCES OF ANY KIND.

Overview

The LA-EB1 Mount Adaptor (referred to as the "unit") is an adaptor for attaching a B4 lens (referred to as the "lens") to a PXW-FS7-series camcorder (referred to as the "camera") with an E-mount interchangeable lens system. Supported by the following camera software versions.
PXW-FS7: V4.31 and later
PXW-FS7M2: V1.21 and later

Notes

- An XDCA-FS7 or CBK-FS7BK must be attached to the camera and power must be supplied from the DC OUT connector of the unit.
- Lenses that do not support serial digital communication cannot be used.

Usage Precautions

- Be careful not to subject this unit to mechanical shock while attaching and using it.
- Avoid changing the lens in dusty or dirty locations.
- Do not touch the lens signal contacts. Any dirt on the lens contacts may interfere with the signal between the lens and the camera, resulting in operational malfunction.
- Do not touch the interior of the unit. If there is any stubborn dirt or dust, use a blower.
- When carrying this unit, attach the mount caps on both the camera side and lens side, and place the unit in a carrying case.
- When carrying the camera with a lens attached, hold both the camera and lens.

Storing the unit

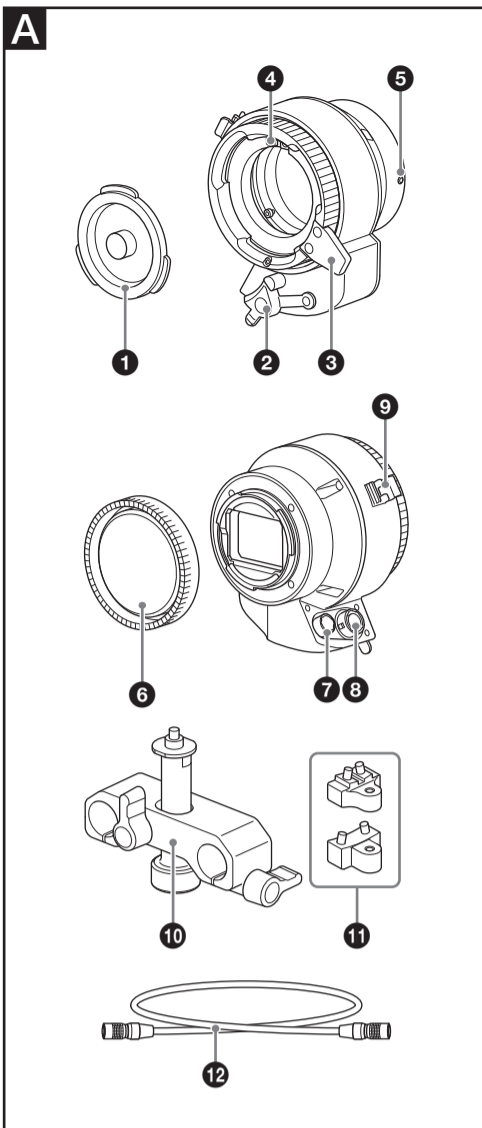
- Always attach the mount caps on both the camera side and lens side of the unit.
- To prevent mold, do not keep this unit in a very humid place for a long time.

Condensation

- If the unit is suddenly taken from a cold to a warm location, or if ambient temperature suddenly rises, moisture may form on the outer surface of the unit and/or inside of the unit. This is known as condensation. If condensation occurs, turn off the unit and wait until the condensation clears before operating the unit. Operating the unit while condensation is present may damage the unit.

Cleaning

- Do not use any organic solvent, such as thinners or benzine to clean this unit.



A Names of Parts

- 1 Mount cap (lens side)
- 2 Lens mount rubber stopper
- 3 Lens lock lever
- 4 Lens mount positioning notch
- 5 E mount index mark
- 6 Mount cap (camera side)
- 7 DC IN connector
- 8 LENS connector
- 9 Cable clamp
- 10 Lens support
- 11 Lens holder for lens support (2)
- 12 DC cable

B Attaching/Detaching

Attaching/detaching precautions

- Set the power switch of the camera to OFF.
- When attaching or removing the unit, do not insert this unit or the lens at an angle. Also, do not touch or knock the internal lens.

Attaching the shoulder adaptor/lens support **B-1**

1 Attach the two $\phi 15$ rods **A to the shoulder adaptor (option).**

2 Attach the shoulder adaptor to the camera.

For details about attaching, refer to the operating instructions for the shoulder adaptor.

3 Attach the lens support to the $\phi 15$ rods.

Attaching the unit to the camera **B-2**

Follow the instructions in the operating instructions for the camera. This section describes a PXW-FS7M2 example.

1 Remove the mount cap from the camera side of the unit.

2 Align the positioning index marks **B and **C**, and attach the unit to the camera.**

3 Turn the lens lock ring of the camera counterclockwise to secure the unit in position.

Attaching a lens and lens support/Connecting cables **B-3**

1 Remove the mount cap from the lens side of the unit.

2 Align the center pin of the lens with the lens mount positioning notch **D of the unit, and insert the lens.**

3 Hold the lens, and press the lens lock lever down to secure the lens in position.

Tip: The lens lock lever can be prevented from moving by placing the lens mount rubber stopper in the position shown in the diagram.

4 Orient the lens support mounting shaft, and insert into the lens.

For lenses where the mounting shaft cannot be attached directly, attach a lens holder to the lens, and insert the mounting shaft into the holder.

5 Turn the lens support mounting shaft lock lever and $\phi 15$ rod lock lever to secure the lens support in position.

6 Connect the DC OUT connector of the extension unit (XDCA-FS7 or CBK-FS7BK) to the DC IN connector of the unit using the supplied DC cable.

7 Connect the lens cable supplied with the lens to the LENS connector.

8 Push the lens cable into the cable clamp.

To detach

Remove in the reverse procedure of attachment.

Precautions when Shooting

- Do not attach anything (teleconverter etc.) between the unit and the lens.
- Depending on your lens, the actual distance may differ slightly from the distance scale of the lens.
- When shooting with the unit, the minimum focal distance may increase.

Precautions when using lenses

- Set the image circle setting of the camera to Super 16mm equivalent. On PXW-FS7 series camcorders, set Base Setting >Imager Scan Mode in the System menu to 2K Center to set Super 16mm equivalent.

Precautions relating to the lens status display

- The unit has a built-in 1.23 \times optical magnification system, but the markings on the lens for iris value and focal distance are reported to the camera. However, only iris values up to F16 are reported.
- The effective aperture of the attached lens will be a darker value than the displayed value.

To operate auto iris on the lens

- After attachment, configure the following settings before starting use. Enable operation using the IRIS switch/button of the lens.
- Set the IRIS switch of the attached lens to AUTO.
- On PXW-FS7 series camcorders, press the IRIS button to enable Auto Iris.

About closing the iris

- The iris cannot be closed from the camera.
- When the iris is closed using the iris ring of the lens, F16 is displayed in the viewfinder of the camera.

About auto focus

- The unit does not support auto focus.
- Manual focus from the camera or remote controller is supported. Enable the focus servo of the lens beforehand.

About auto lens aberration control (ALAC)

- The unit is ALAC compatible. If the ALAC effect is not visible, check whether the lens supports the ALAC function or check that the chromatic compensation function of the camera is not turned off.

About the lens name and software version reported to the camera

- The unit reports the following as the lens name to the camera.
 - Lens name while lens is attached
 - Model name of the unit when lens is not attached
- The version of the unit is reported as the lens software version.

Main Specifications

Supported picture size	Super 16mm size
External dimensions (approx.)	76.3 mm \times 96.2 mm \times 68.6 mm (3 $\frac{1}{8}$ in. \times 3 $\frac{7}{8}$ in. \times 2 $\frac{3}{4}$ in.) (width / height / depth) (excluding protrusions)
Mass	Approx. 430 g (15 oz) (lens adaptor body only)
Supplied items	Lens mount adaptor body (1), mount cap (2), DC cable (1), lens support (1), lens holder for lens support (2), Operating Instructions (this document) (1), Warranty booklet (1)

Design and specifications are subject to change without notice.

