

Waterproof Case Sports Pack

Boîtier étanche Caisson Sport

Operating Instructions Mode d'emploi Manual de instrucciones

SPK-HCG

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Owner's Record

The model and serial numbers are located inside of the unit. Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. SPK-HCG Serial No.

Aide-mémoire

Les numéros de modèle et de série se situent dans l'appareil. Prendre en note le numéro de série dans l'espace prévu ci-dessous. Se reporter à ces numéros lors des communications avec le détaillant Sony au sujet de ce produit.

Modèle no. SPK-HCG No de série

Main manual content with diagrams A-F, G-L, J, K, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes sections for O-ring, Desiccant, Cleaning, and Maintenance.

Diagrams G through L showing O-ring installation, desiccant placement, and cleaning instructions.

English

For the Customers in the U.S.A. CAUTION You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment. NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems) This symbol on the product or on its packaging indicates that this product shall not be treated as household waste.

Notice for the customers in the countries applying EU Directives > The manufacturer of this product is Sony Corporation, 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan. The Authorized Representative for EMC and product safety is Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany.

Useable at depths of up to 5 m (17 feet) underwater. For how to use your camera with this unit, refer to the operating instructions of the camera.

Precautions on use

Remove the shoulder strap when using this unit near water or underwater. It may cause injury. For the kinds of memory card ("Memory Stick Duo" media, SD card) compatible with your camera, refer to the camera's operating instructions.

Water Leakage

If water happens to leak in, stop exposing this unit to water immediately. If the camera gets wet, take it to the nearest Sony dealer immediately. Repair costs must be borne by the customer.

Handling the O-ring

What is the O-ring? The O-ring ensures the waterproof qualities of this unit or other equipment. (See illustration A) O-ring maintenance is very important. Failure to carry out O-ring maintenance according to the instructions may lead to water leakage and cause this unit to sink.

Handling the O-ring

Check carefully for the following. If found, wipe them off with a soft cloth or tissue paper. 1 Remove the O-ring. 2 Inspect the O-ring. 3 Coat the O-ring with grease.

3 Inspect the O-ring groove. Grains of sand or hardened salt sometimes get into the groove. Carefully remove them by blowing with an air spray or by wiping them with a cotton wool bud. Be careful not to leave any fibers from the cotton wool bud inside.

How to check for water leakage After replacing the O-ring, close this unit without inserting the equipment you are going to use. Immerse this unit in water to a depth of about 15 cm for about three minutes and check that no water leaks in.

Maintenance Use the grease supplied. Using other manufacturer's grease will damage the O-ring, and cause water leaks. Anti-fogging lens solution Coat the surface of the front glass with the supplied anti-fogging lens solution.

Desiccant To increase the anti-fogging effect in addition to using the anti-fogging lens solution, use the desiccant supplied. Insert one new desiccant into this unit 1 to 2 hours before recording.

O-ring, grease and anti-fogging lens solution You can obtain the O-ring, grease and anti-fogging lens solution at the nearest Sony dealer. O-ring (model No. 3-098-143-01) Grease (model No. 2-582-620-01) Anti-fogging lens solution (model No. 3-072-039-01)

Maintenance

After recording in a location with a sea breeze, wash this unit thoroughly in fresh water with the buckles fastened to remove salt and sand, then wipe with a soft dry cloth. It is recommended that you submerge this unit in fresh water for about 30 minutes.

When storing this unit (See illustration F) Attach the spacer supplied with this unit to prevent wear of the O-ring. Insert the plug part of the Audio/Remote plug into the plug jack of the camera mounting shoe as illustrated.

Troubleshooting

Table with columns: Symptom, Cause, Corrective Actions. Rows include: The sound is not recorded, Water leaks into this unit, The recording and playing back function does not work, The power does not turn on, The power does not turn off, There seems to be water in this unit, The button of this unit does not depress easily, feels caught, or does not return quickly.

Specifications

Material Plastic (PC, ABS), glass Waterproof O-ring, buckles Built-in microphone Stereo Dimension Approx. 159 x 148 x 220 mm (w / h / d) (6 3/8 x 5 7/8 x 8 3/4 inches) Mass Approx. 960 g (2 lb 2 oz) (only sports pack) Included items Waterproof Case (1), Shoulder strap (1), Camera mounting shoe (D 1)/F-2 (1)/G/H (1)/J-2 (1)/K (1)/L (1), Tripod screw plate (1), Relief prevention ring (M30 x O 43 (1)/M30 x O 47 (1)/M30 x O 50 (1)/M30 x O 58 (1)/M30 x O 62 (1)/M37 x O 49 (1)/M37 x O 55 (1), Grease (1), Spacer (1), Anti-fogging lens solution (1), Desiccant (1), Set of printed documentation

Using the sports pack

Preparation 1 Install the camera in this unit. Refer to "Sports Pack Preparation Guide" to install the camera. 2 Turn on this unit. Press the POWER button of this unit to turn on the camera and this unit. The camera is set to the movie recording mode.

Notes When you press the MODE button, the mode of the camera without a photo button switches in the following order. Movie recording mode -> Still image recording mode -> Video playback mode

1 Open the retractable mirror You can record while watching the reflection in the retractable mirror. 1 Open the retractable mirror by holding the "OPEN" part. 2 Open the wings and insert the projections into their holes. To close the retractable mirror Release the projections on both wings, and close the lower wing first.

Recording Recording movies Movies are recorded onto a tape, memory card, disc, hard disk or the internal memory. 1 Press the MODE button of this unit to set the camera to the mode for recording movies. 2 Press the START/STOP button. Recording starts. To stop recording Press the START/STOP button. If you press the START/STOP button once more, recording will start again.

Playing back You can play back an image by pointing the remote commander to the remote sensor (located at the front center of this unit). You cannot hear sound. Use the remote commander for all other functions. For details, refer to the operating instructions of the camera.

Removing the video camera 1 Press the POWER button to turn off the camera. (See illustration L-1) 2 Release the buckles and open the rear body. For details, refer to step 1 of F Selecting the Camera Mounting Shoe" in this unit's Preparation Guide.

Detach the camera mounting shoe. Make sure you disconnect the Audio/Remote plug properly by holding the plug part. Do not disconnect the plug by holding the cord part, or pull the camera mounting shoe out while the plug is connected. Doing so may damage the plug or the camera's jack.

Français

Attention des clients au E.-U. AVERTISSEMENT Par la présente, vous êtes avisé du fait que tout changement ou toute modification ne faisant pas l'objet d'une autorisation expresse dans le présent manuel pourrait annuler votre droit d'utiliser l'appareil. Note L'appareil a été testé et est conforme aux exigences d'un appareil numérique de classe B, conformément à la Partie 15 de la réglementation de la FCC.

Avant de commencer à utiliser votre appareil, assurez-vous de lire attentivement les instructions de sécurité et les avertissements. Le recyclage des matériaux aidera à préserver les ressources naturelles. Pour plus d'informations supplémentaires au sujet du recyclage de ce produit, vous pouvez contacter votre municipalité, votre déchetterie ou le magasin où vous avez acheté le produit.

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Utilisable sous l'eau jusqu'à une profondeur de 5 mètres (17 pieds). Pour la façon d'emporter votre casque sous-marin avec ce boîtier, reportez-vous au mode d'emploi du casque. Avant la prise de vue, assurez-vous que le casque fonctionne correctement et que l'eau ne s'infiltre pas à l'intérieur du casque.

Précautions d'emploi

Retirez la bandoulière lorsque vous utilisez ce boîtier près de l'eau ou sous l'eau. Elle peut causer des blessures. Pour les types de cartes mémoire (« Memory Stick Duo », carte SD) compatibles avec votre casque, reportez-vous au mode d'emploi du casque.

Si de l'huile solaire devait tomber sur ce boîtier, prenez soin de l'enlever avec de l'eau tiède. Si de l'huile solaire reste sur ce boîtier, la surface de celui-ci peut se décolorer ou être endommagée (apparition de craquelures à la surface).

Entretien du joint torique

Qu'est-ce que le joint torique ? Le joint torique assure l'étanchéité de ce boîtier et de l'appareil qu'il contient. (Voir l'illustration A) L'entretien du joint torique est très important. De l'eau risquerait de pénétrer à l'intérieur de ce boîtier et de le faire couler. Si vous ne nettoyez pas correctement le joint torique.

