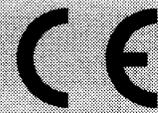


# Nikon

# MH-63



- Jp** バッテリーチャージャー 使用説明書
- En** Battery Charger Instruction Manual
- De** Akkuladegerät Bedienungsanleitung
- Fr** Chargeur d'accumulateur Fiche Technique
- Es** Cargador de baterías Manual de instrucciones
- No** Batterilader Bruksanvisning
- Se** Instruktionshandbok för batteriladdare
- Fi** Akkulaturi Käyttöohje
- Ru** Зарядное устройство Руководство по эксплуатации
- Dk** Batterilader Brugsanvisning
- Nl** Batterijlader Gebruikshandleiding
- Pt** Carregador de bateria Manual de instruções
- It** Caricabatterie Manuale di istruzioni
- Pl** Ładowarka Instrukcja obsługi
- Cz** Nabíječka baterií Návod k obsluze
- Ck** 電池充電器 使用说明书
- Ch** 電池充電器 使用說明書
- Kr** 배터리충전기 사용설명서
- Th** เครื่องชาร์จแบตเตอรี่ คู่มือการใช้
- Id** Pengisi baterai Petunjuk Penggunaan

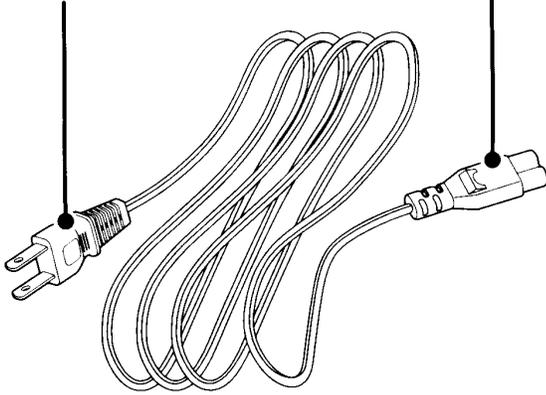
## NIKON CORPORATION

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Printed in Japan

6MEA17K1-03 ▲

電源プラグ/Wall plug/Netzstecker/  
Fiche secteur murale/Enchufe de Pared/  
Støpsel/Stickpropp/Pistolulppa/  
Вилка сетевого шнура/Stikkontakt



ACプラグ/AC adapter plug/  
Netzgerätestecker/Fiche secteur pour MH-63/  
Enchufe del adaptador a la corriente/  
Plugg til strømadapter/AC-adapterkontakt/  
Verkkolaitteen pistolulppa/  
Вилка внешнего блока питания/  
Lysnetadapterstik

電源コード / Power cable\* / Netzkabel\* /  
Câble d'alimentation\* / Cable de corriente\* /  
Strømkabel\* / Kabel\* / Virtajohto\* /  
Сетевой шнур\* / Strømkabel\*

「CHARGE」ランプ/  
CHARGE lamp/  
CHARGE-Kontrollleuchte (Aufladen)/  
Voyant CHARGE/  
Indicador CHARGE (Carga)/  
Ladelampe/  
Laddningslampa/  
CHARGE (Lataa) -merkkivalo/  
Индикатор зарядки CHARGE/  
Ladelampe

ACプラグ差し込み口/AC inlet/  
Anschluss für Netzgerätestecker/  
Connecteur électrique/  
Entrada CA/Strøminntak/  
AC-ingång/Virtajohdon liitäntä/  
Разъем для шнура внешнего блока питания/  
Lysnetstik

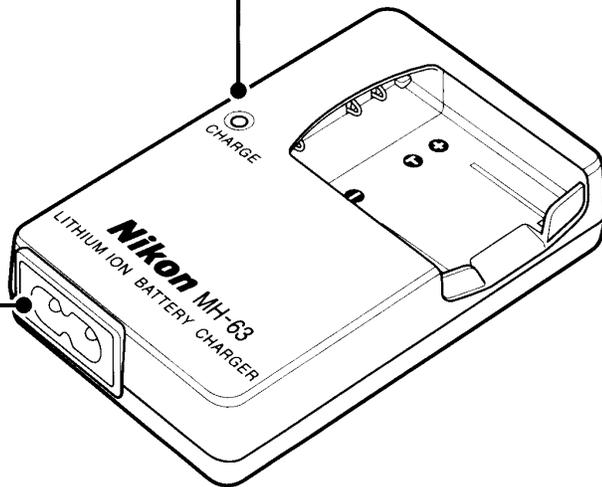


図 1 /Figure 1/Abbildung 1/Figure 1/Figura 1/Figur 1/  
Figur 1/Kuva 1/Рисунок 1/Figur 1

- \* Shape of cable depends on country.
- \* Das mit Ihrem Ladegerät gelieferte Netzkabel weicht möglicherweise von der hier gezeigten Abbildung ab.
- \* La forme du câble dépend du pays d'utilisation.
- \* La forma del cable depende del país en el que se haya adquirido.

- \* Kabelens form avhenger av landet.
- \* Kabelns form är landsspecifik.
- \* Johtotyypit vaihtelee maittain.
- \* Форма шнура зависит от страны.
- \* Kablets udformning afhænger af landet.

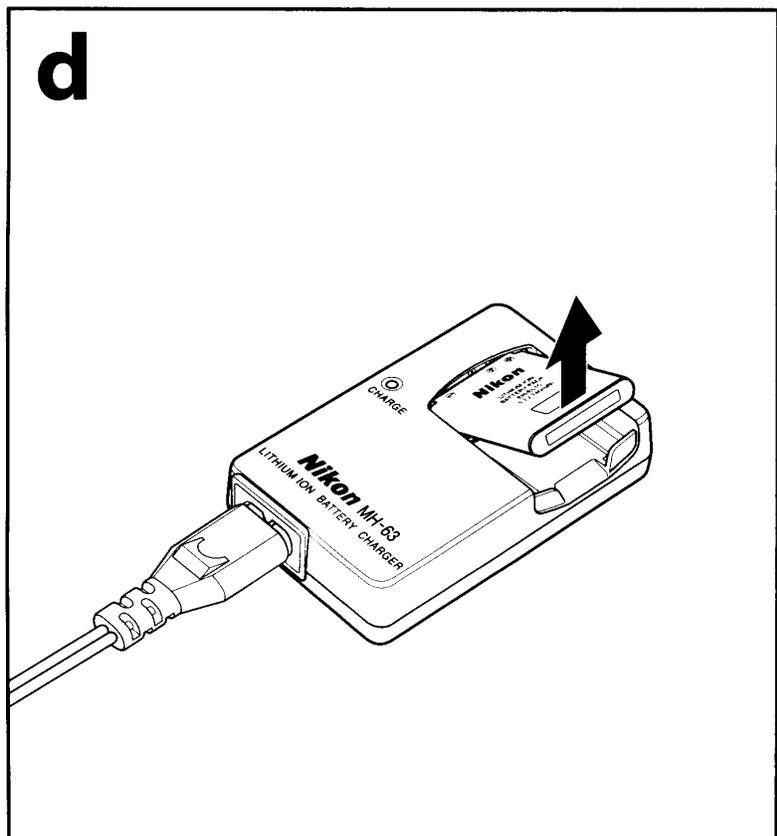
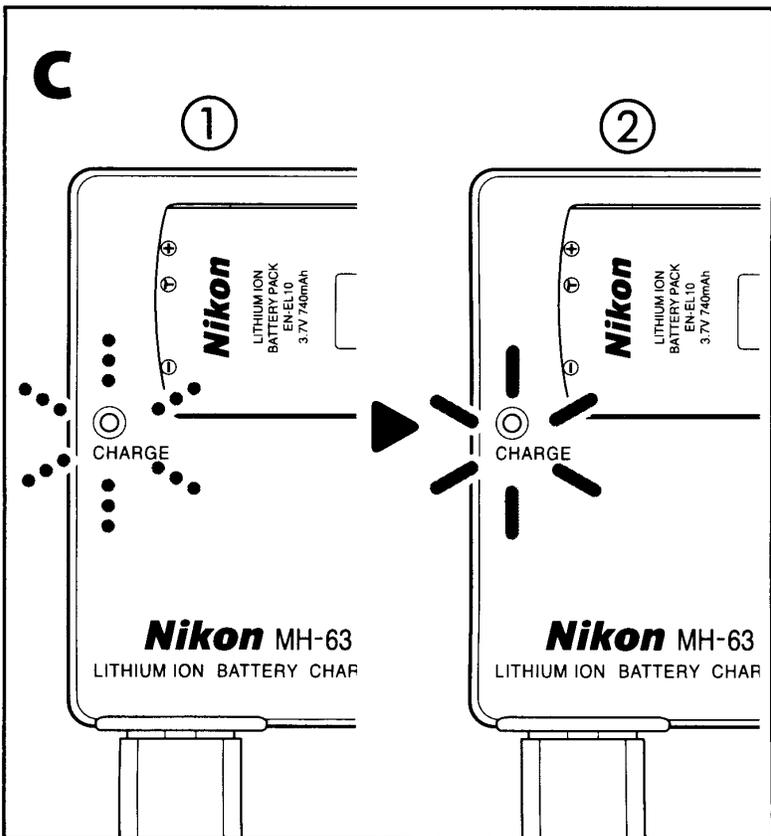
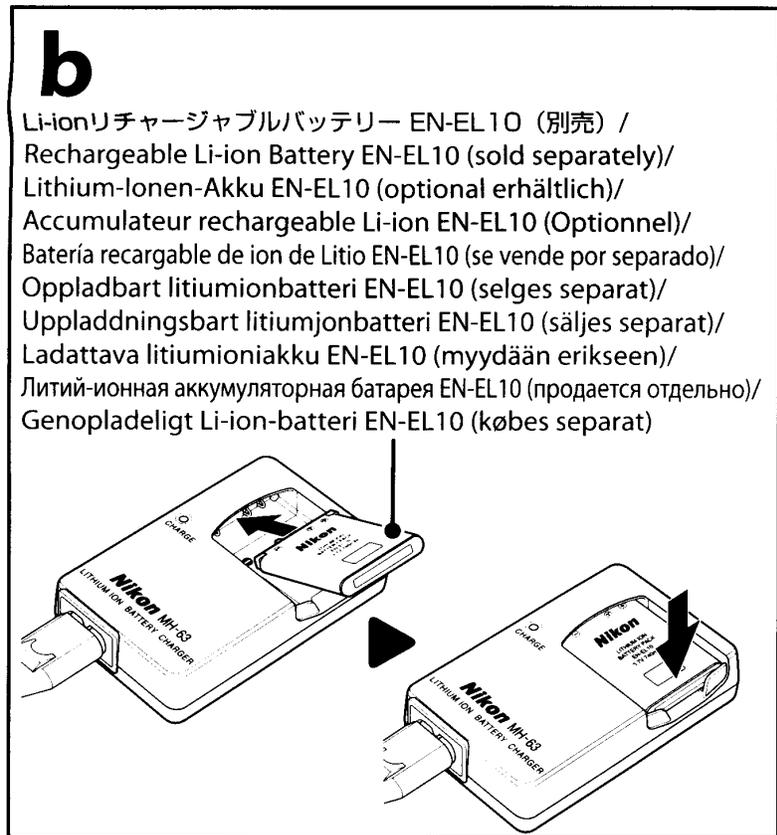
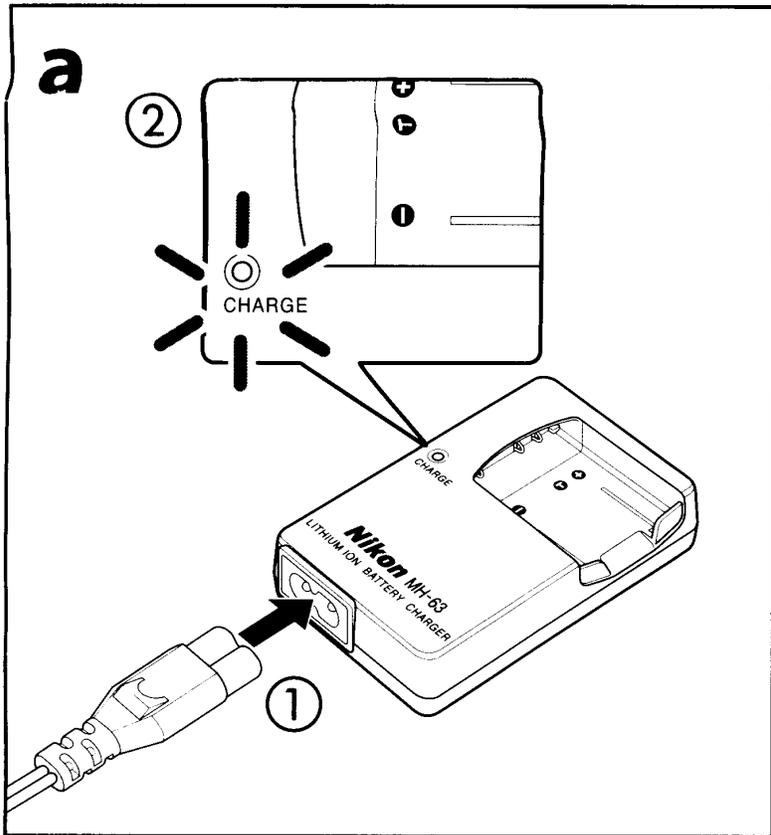


図2/Figure 2/Abbildung 2/Figure 2/Figura 2/Figur 2/  
Figur 2/Kuva 2/Рисунок 2/Figur 2

Thank you for your purchase of an MH-63 battery charger. The MH-63 is used to recharge Nikon EN-EL10 rechargeable lithium-ion batteries. Before use, read the warnings and other information in this manual and in the documentation provided with the camera or battery.

**Notices for customers in the U.S.A.**  
**Federal Communications Commission (FCC) Radio Frequency Interference Statement**

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. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**CAUTIONS**

**Modifications**

The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by Nikon Corporation may void the user's authority to operate the equipment.

**Interface Cables**

**The accessory power supply cord must be used.** Using other cables may exceed the limits of Class B Part 15 of the FCC rules.

**Notice for customers in the State of California**

**WARNING:** Handling the cord on this product will expose you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm. **Wash hands after handling.**

Nikon Inc.,  
 1300 Walt Whitman Road, Melville, New York  
 11747-3064, U.S.A.  
 Tel: 631-547-4200

**Notice for customers in Canada**

**CAUTION**

This Class B digital apparatus complies with Canadian ICES-003.

**ATTENTION**

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

**Power Supply Cord**

Use a UL Listed, 1.8 to 3 m (6 to 10 ft), SPT-2, AWG no. 18 power supply cord rated for 125 V 7 A, with a non-polarized NEMA 1-15P plug rated for 125 V 15 A.

**Safety Precautions**

To ensure proper operation, read this manual thoroughly before using this product. After reading, be sure to keep it where it will be read by all those who use the product.

**Precautions for Use: Battery Charger MH-63**

**✓ IMPORTANT: The Nikon MH-63 can be used to recharge Nikon EN-EL10 rechargeable lithium-ion batteries only. It can not be used with other batteries.**

- Remove the battery from the charger when charging is complete.
- When recharging, the ambient temperature should be in the vicinity of 5 to 35 °C (41 to 95 °F).
- Remove the power cable from the power outlet when not in use.
- Do not short the battery charger terminals. Failure to observe this precaution could result in overheating and damage to the charger.
- When in use, the charger must be kept level with the CHARGE lamp facing up.

**Precautions for Use: Nikon EN-EL10 Rechargeable Li-ion Batteries**

- Before using the product for the first time, or before using the product following an extended period of disuse, recharge the battery with the Battery Charger MH-63.
- Do not use the battery at ambient temperatures below 0 °C (32 °F) or above 40 °C (104 °F). Failure to observe this precaution could damage the battery or impair its performance.
- The internal temperature of the battery may rise while the battery is in use. Attempting to recharge the battery while the internal temperature is elevated could affect battery performance, and the battery may not charge or may charge only partially. Wait for the battery to cool before charging.
- Do not attempt to recharge a fully-charged battery. Failure to observe this precaution will result in reduced battery performance.
- Do not move the MH-63 or touch the battery during charging. Failure to observe this precaution could in very rare instances result in the MH-63 showing that charging is complete when the battery is only partially charged. Remove and reinsert the battery to begin charging again.
- In the event of malfunction, stop use immediately and take the charger to a Nikon service representative for inspection.

**Recharging Nikon EN-EL10 Rechargeable Li-ion Batteries**

- 1 Plug the power cable into the battery charger (Figure 2-a-①).
- 2 Plug the power cable into a power outlet. The CHARGE lamp will start to glow (Figure 2-a-②).
- 3 Place a Nikon EN-EL10 battery in the battery bay (Figure 2-b). The CHARGE lamp will start to blink (Figure 2-c-①). Charging is complete when the CHARGE lamp stops blinking (Figure 2-c-②).
- 4 Once charging is complete, remove the EN-EL10 (Figure 2-d) and unplug the power cable from the power source.

**Battery charger recharging state and recommendations**

CHARGE lamp	Description
Blinks	Battery recharging
Glow	Charging complete: Remove the battery from the MH-64 as described above.
Flickers	<ul style="list-style-type: none"> <li>• <b>Battery not correctly inserted:</b> Remove and reinsert the battery, being careful to insert it at a low angle as shown in Figure 2-b.</li> <li>• <b>Operating temperature range exceeded:</b> Use the charger inside the designated temperature range (0 to 40 °C/32 to 104 °F).</li> <li>• <b>Battery malfunction:</b> Stop charging immediately, unplug the charger, and take both the battery and charger to your retailer or Nikon service representative.</li> </ul>

**Specifications**

Rated input:	100 to 240V AC, 50/60Hz, 0.07 to 0.045 A
Charging output:	4.2V DC, 0.55 A
Applicable batteries:	Nikon Rechargeable Li-ion Battery EN-EL10
Charging time:	Approx. 100 minutes when no charge remains
Operating temperature:	0 to 40 °C (32 to 104 °F)
Dimensions (W × H × D):	Approx. 54 × 20 × 85 mm (2.1 × 0.8 × 3.3 in.)
Length of cord:	Approx. 2 m (6 ft. 7 in.)
Weight:	Approx. 55 g (1.9 oz), excluding power cable

Improvements to this product may result in unannounced changes to its specifications and external appearance.

## AC cord requirements (for MH-63)

- Rating: 125V, 2A (for use with 100-125V AC)  
250V, 2A (for use with 200-240V AC)
- Cord length: min. 1.8m (6'), max. 2.4m (8')
- Type: Must comply with requirements set out by the Safety Approval / Certification Organization in each country of use.
- AC cord inlet: Specified EN60320 or equivalent.
- Employ a plug in shape and ratings matched with AC outlet to be used.

M90059T

Plug configuration	Usage	AC cord Norminal volatage & current rating
	North America	120V 60Hz 2A min.
	North America	240V 60Hz 2A min.
	Universal European	230V 50Hz 2A min.
	United Kingdom	230V 50Hz 2A min.
	Australian	240V 50Hz 2A min.

# NIKON DIGITAL IMAGING LIMITED WARRANTY

THIS IS YOUR NIKON INC. ONE YEAR LIMITED WARRANTY (VALID IN THE CONTINENTAL UNITED STATES, ALASKA, HAWAII AND THE CARIBBEAN ISLANDS). YOU MUST PRESENT THIS FORM TOGETHER WITH PROOF OF PURCHASE AND PROOF OF PURCHASE DATE (BILL OF SALE) TO OBTAIN WARRANTY SERVICE.

This Nikon Digital Imaging Product is warranted by Nikon Inc. to be free from defects in material and workmanship for one (1) year from the date of purchase.

During this period if this product is found to be defective in material or workmanship, Nikon Inc. or one of its authorized service facilities will at its option, either repair or replace this Product without charge, subject to the following conditions, limitations and exclusions:

1. This warranty extends to the original consumer purchaser only and is not assignable or transferable.
2. This warranty shall not apply to any Product which has been subjected to misuse, abuse, negligence, alteration or accident, or has had its serial number altered or removed.
3. This warranty does not apply to any defects or damage directly or indirectly caused by or resulting from the use of unauthorized replacement parts and/or service performed by unauthorized personnel.
4. This warranty does not apply to any batteries.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE PROVIDED, HOWEVER, THAT IF THE DISCLAIMER OF IMPLIED WARRANTIES IS INEFFECTIVE UNDER APPLICABLE LAW, THE DURATION OF ANY IMPLIED WARRANTIES ARISING BY OPERATION OF LAW SHALL BE LIMITED TO ONE (1) YEAR FROM THE DATE OF PURCHASE OR SUCH LONGER PERIOD AS MAY BE REQUIRED BY APPLICABLE LAW.

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For digital cameras and their accessories needing repair service, kindly send your equipment to either:

**East Coast**

Nikon Inc.  
Attn: Service Department  
1300 Walt Whitman Road  
Melville, New York 11747-3064

**West Coast**

Nikon Inc.  
Attn: Service Department  
841 Apollo Street  
El Segundo, California 90245-4721

For scanners and their accessories needing repair service, kindly send your equipment to:

Nikon Inc.  
Attn: Service Department  
1300 Walt Whitman Road  
Melville, New York 11747-3064

In returning this Product for repair or replacement under this warranty, the original consumer purchaser must prepay all postage, shipping transportation, insurance and delivery costs, and the Product must be delivered in either its original carton or a similar package affording an equal degree of protection. Nikon Inc. will not be responsible for any loss or damage incurred in connection with the return of this Product.

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