

Operating Instructions

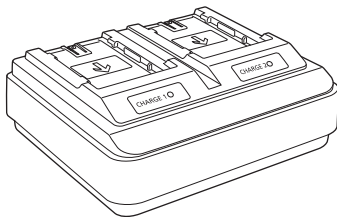
Battery Charger

Model No. **AG-BRD70P**

Model No. **AG-BRD70E**

Product composition

- Battery Charger
- AC adaptor
- AC mains cable
- USB-C® cable



Before operating this product, please read the instructions carefully and save this manual for future use.

Before using this product, be sure to read "Read this first!" (pages 3 to 10).



Български	Посетете следния уебсайт относно информация за безопасността и важни уведомления за продукта.
Hrvatski	Za sigurnosne informacije i važne obavijesti o proizvodu posjetite sljedeću internetsku stranicu.
Čeština	Na následujícím webu najdete bezpečnostní informace a důležité poznámky k tomuto produktu.
Dansk	Besøg følgende webside for sikkerhedsinformation og vigtige bemærkninger vedrørende produktet.
Nederlands	Ga naar de volgende website voor veiligheidsinformatie en belangrijke meldingen over het product.
Eesti	Toodet puudutava ohutusteabe ja oluliste märkuste saamiseks külastage järgmist veebilehte.
Suomi	Käy seuraavalla verkkosivulla saadaksesi turvallisuustietoja ja tärkeitä tietoja liittyen laitteeseen.
Ελληνικά	Για πληροφορίες σχετικά με θέματα ασφάλειας και σημαντικές ειδοποιήσεις που αφορούν το προϊόν σας, επισκεφτείτε τον ιστότοπο που ακολουθεί.
Magyar	A termékkel kapcsolatos biztonsági információkért és fontos értesítésekért látogasson el az alábbi weboldalra.
Latviešu	Lai iegūtu informāciju par drošību un skatītu svarīgus paziņojumus par šo produktu, apmeklējiet tālāk norādīto tīmekļa vietni.
Lietuvių	Jei reikia saugos informacijos ir svarbių pranešimų apie gaminį, apsilankykite toliau nurodytoje svetainėje.
Polski	Informacje o bezpieczeństwie i ważne informacje o produkcie znajdują się w poniższej witrynie internetowej.
Português	Consulte o seguinte website para as informações de segurança e importantes notificações sobre o produto.
Română	Vizitați următoarea pagină web pentru informații de securitate și notificări importante cu privire la produs.
Slovensky	Pre bezpečnostné informácie a dôležité oznámenia súvisiace s produktom navštívte túto webovú stránku.
Slovenščina	Za varnostne informacije in pomembna obvestila v zvezi z izdelkom obiščite naslednje spletno mesto.
Svenska	Besök följande webbplats för säkerhetsinformation och viktiga meddelanden om produkten.

<https://pro-av.panasonic.net/en/manual/index.html>

Read this first!



indicates safety information.

WARNING:

- To reduce the risk of fire or electric shock, do not expose this equipment to rain or moisture.
- To reduce the risk of fire or electric shock, keep this equipment away from all liquids. Use and store only in locations which are not exposed to the risk of dripping or splashing liquids, and do not place any liquid containers on top of the equipment.

CAUTION:

Do not remove panel covers by unscrewing.

To reduce the risk of electric shock, do not remove the covers. No user serviceable parts inside.

Refer servicing to qualified service personnel.

CAUTION:

To reduce the risk of fire or electric shock and annoying interference, use the recommended accessories only.

CAUTION:

In order to maintain adequate ventilation, do not install or place this unit in a bookcase, built-in cabinet or any other confined space. To prevent risk of electric shock or fire hazard due to overheating, ensure that curtains and any other materials do not obstruct the ventilation.

CAUTION:

The mains plug of the power supply cord shall remain readily operable. The AC receptacle (mains socket outlet) shall be installed near the equipment and shall be easily accessible.

To completely disconnect this equipment from the AC mains, disconnect the mains plug from the AC receptacle.

Read this first! (continued)

 indicates safety information.

CAUTION:

Danger of explosion or fire if battery is incorrectly replaced or mistreated,

- Do not disassemble or dispose of in fire.
- Do not store in temperatures over 60 °C (140 °F).
- Do not expose the battery to excessive heat such as sunshine, fire or the like.
- Replace only with same or specified type.
- Use specified charger.

Disconnect the AC mains plug from the AC mains socket when not in use.

The rating plate is on the bottom of the unit.

Read this first! (For AG-BRD70P)

FCC NOTICE (USA)

Supplier's Declaration of Conformity

Trade Name: Panasonic
Model Number: AG-BRD70P
Responsible Party: Panasonic Corporation of North America
Two Riverfront Plaza Newark NJ07102
Support contact: 1-800-524-1448

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.



indicates safety information.

FCC Warning:

To assure continued FCC emission limit compliance, follow the attached installation instructions and the user must use only shielded interface cables when connecting to host computer or peripheral devices. Also, any unauthorized changes or modifications to this equipment could void the user's authority to operate this device.

FCC Caution:

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 into 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.

The user may find the booklet "Something About Interference" available from FCC local regional offices helpful.

NOTIFICATION (Canada)

CAN ICES(B)/NMB(B)

CAUTION:

This apparatus can be operated at a voltage in the range of 100 - 240 V AC. Voltages other than 120 V are not intended for U.S.A. and Canada. Operation at a voltage other than 120 V AC may require the use of a different AC plug. Please contact either a local or foreign Panasonic authorized service center for assistance in selecting an alternate AC plug.

Read this first! (For AG-BRD70E)

 indicates safety information.

Caution for AC Mains Lead

FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEXT CAREFULLY.

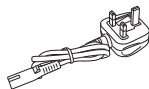
This product is equipped with 2 types of AC mains cable. One is for continental Europe, etc. and the other one is only for U.K. Appropriate mains cable must be used in each local area, since the other type of mains cable is not suitable.

FOR CONTINENTAL EUROPE, ETC.

Not to be used in the U.K.



FOR U.K. ONLY



FOR U.K. ONLY

This appliance is supplied with a moulded three pin mains plug for your safety and convenience. A 5 amp fuse is fitted in this plug. Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 5 amps and that it is approved by ASTA or BSI to BS1362.

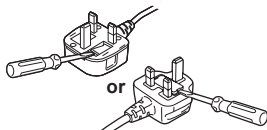
Check for the ASTA mark  or the BSI mark  on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced. If you lose the fuse cover the plug must not be used until a replacement cover is obtained.

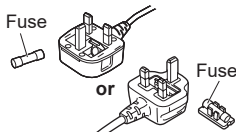
A replacement fuse cover can be purchased from your local Panasonic Dealer.

How to replace the fuse

1. Open the fuse compartment with a screwdriver.



2. Replace the fuse.



Turkey Only

AEEE Yönetmeliğine Uygundur.

AEEE Complies with Directive of Turkey.



Disposal of Old Equipment

Only for European Union and countries with recycling systems

This symbol on the products, packaging, and/or accompanying documents means that used electrical and electronic products must not be mixed with general household waste.

For proper treatment, recovery and recycling of old products, please take them to applicable collection points in accordance with your national legislation.

By disposing of them correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment.

For more information about collection and recycling, please contact your local authority, dealer or supplier.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

**Recommendation for Use of Genuine Panasonic Battery
(Rechargeable Battery)**

Thank you for using a Panasonic product.

It has been found that counterfeit battery packs which look very similar to the genuine product are made available to purchase in some markets. Some of these battery packs are not adequately protected with internal protection to meet the requirements of appropriate safety standards. There is a possibility that these battery packs may lead to fire or explosion. Please be advised that we are not liable for any accident or failure occurring as a result of use of a counterfeit battery pack. To ensure that safe products are used we would recommend that a genuine Panasonic battery pack is used.

Be aware that many batteries sold at extremely cheap prices or in situations where it is difficult to verify the actual products before purchase have proven to be counterfeit.

A rechargeable battery that is recyclable powers the product you have purchased.

Read this first! (For AG-BRD70E) (continued)

Manufactured by:

Panasonic Corporation
1006 Kadoma, Kadoma City, Osaka, Japan

Importer:

Panasonic Connect Europe GmbH
Hagenauer Strasse 43, 65203 Wiesbaden, Germany

Authorized Representative in EU:

Panasonic Connect Europe GmbH
Panasonic Testing Centre
Winsbergring 15, 22525 Hamburg, Germany

Importer for UK:

Panasonic Connect UK,
a branch of Panasonic Connect Europe GmbH,
Maxis 2, Western Road, Bracknell,
Berkshire, RG12 1RT



ІНФОРМАЦІЯ ПРО ПІДТВЕРДЖЕННЯ ВІДПОВІДНОСТІ ПРОДУКТУ

Виробник:	Panasonic Corporation	Панасонік Корпорейшн
За адресою:	Kadoma, Osaka, Japan	Кадома Осака Японія
Країна походження:	Japan	Японія

Уповноважений Представник:	ТОВ "ПАНАСОНІК УКРАЇНА ЛТД"
Адреса Уповноваженого Представника:	вул. Васильківська, буд. 30, м. Київ, 03022, Україна

Примітки:

Термін служби	7 років
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Дата виготовлення вказана на нижній частині виробу у форматі YYYYMM.

РУССКИЙ ЯЗЫК

< Предупреждение >

Следуйте нижеприведённым правилам, если иное не указано в других документах.

1. Устанавливайте прибор на твёрдой плоской поверхности, за исключением отсоединяемых или несъёмных частей.
2. Хранить в сухом, закрытом помещении.
3. Во время транспортировки не бросать, не подвергать излишней вибрации или ударам о другие предметы.
4. Утилизировать в соответствии с национальным и/или местным законодательством.

Правила и условия реализации не установлены изготовителем и должны соответствовать национальному и/или местному законодательству страны реализации товара.

УКРАЇНСЬКА

< Увага >

Виконуйте наступні застереження, якщо інше не вказано в супровідних документах.

1. Встановлюйте пристрій на жорсткій, рівній поверхні.
2. Зберігайте всередині захищеного від вологи приміщення.
3. Під час транспортування уникайте падіння пристрою, його надмірної вібрації або ударів об інші об'єкти.
4. Правила та умови утилізації мають відповідати національному та/або місцевому законодавству.

Умови реалізації не встановлені виробником та мають відповідати національним та/або місцевим законодавчим вимогам країни реалізації виробу.

ҚАЗАҚША

< Ескерту >

Егер басқа жолдама құжаттарда көрсетілмеген жағдайда, төмендегі шарттарды орындаңыз.

1. Тегіс, берік бетке орналастырыңыз, тек алынатын бөлшектер немесе қозғалмайтын бөлшектерден басқа.
2. Жабық және құрғақ жерде сақтау керек.
3. Тасылмалдауды құлатусыз, аса вибрациясыз және басқа заттарға соғусыз жасау керек.
4. Кәдеге жаратуды ұлттық және жергілікті заңдарға сәйкес жасау керек.

Сату шарттары өндірушімен орнатылмаған және мемлекеттің тауарды пайдаланудың ұлттық немесе жергілікті заңдарына сай болуы керек.

ՀԱՅԵՐԵՆ

<Ուսողություն>

Հետևեք ստորև ներկայացված կանոններին, երբ մյուս փաստաթղթերում այլ բան նշված չէ:

1. Ստբը տեղադրեք պինդ և հարթ մակերևույթի վրա, բացառությամբ հանովի կամ անհարթ մասերի:
2. Պահել չոր, փակ տարածքում:
3. Տեղափոխման ժամանակ չզցեք, չենթարկեք ավելորդ թրթռումների կամ այլ իրերի հետ բախվելուն:
4. Օգտահանել՝ ազգային և/կամ տեղական օրենսդրությամբ համապատասխան:

Իրացման կանոններն ու պայմանները արտադրողի կողմից սահմանված չեն և պետք է համապատասխանեն ապրանքի իրացման երկրի ազգային և/կամ տեղական օրենսդրությանը:

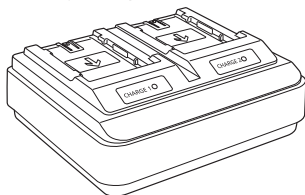
USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum.

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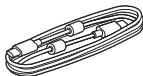
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Product composition

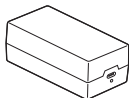
● Battery Charger



● USB-C cable



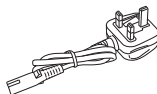
● AC adaptor



● AC mains cable for AG-BRD70P



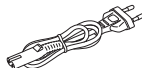
for AG-BRD70E (U.K. only)



(India only)



(All areas except U.K. and India)



After unpacking, dispose of the AC power supply cable caps and packing materials properly.

Batteries that can be charged with this unit

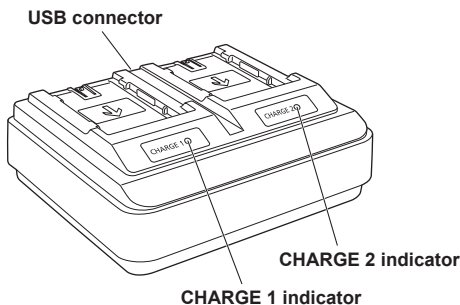
As of June 2025.

- Batteries that support quick charging
AG-VBR59, AG-VBR89, AG-VBR118

This Battery Charger is for charging the dedicated battery pack.

This unit can charge two battery packs simultaneously and supports quick-charging batteries.

Index of controls



CHARGE 1 and CHARGE 2 indicators

Indicate the charge status as follows.

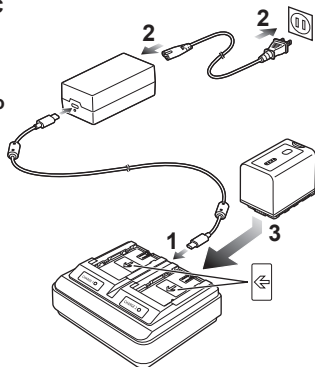
Indicator	Charge status
Lit green	Quick charging is in progress.
Lit orange	Normal charging is in progress.
Blinking orange	Charging has stopped due to an error.
Off	Charging is complete, or a battery pack is not inserted.

USB connector

Connect the USB-C cable that is connected to the AC adapter.

Charge the battery pack

- 1 Connect the battery charger and AC adaptor using a USB-C cable.
- 2 Connect the AC cord to the AC adaptor, and connect the AC plug to a power outlet.
- 3 Slide the battery pack horizontally into the unit along the “←” mark.
 - The corresponding CHARGE indicator lights and charging starts.
 - The CHARGE indicator turns off when charging is complete.
- 4 Slide the battery and remove it.



Charge durations

The following indicates charge durations when charging under an ambient operating temperature of 25 °C (77 °F) and operating humidity of 60 %. Charge durations may be longer under different temperature and humidity conditions.

Battery model	Voltage / capacity	Charge duration
AG-VBR59	7.28 V/5900 mAh	Approx. 3 hr. 20 min.
AG-VBR89	7.28 V/8850 mAh	Approx. 4 hr.
AG-VBR118	7.28 V/11800 mAh	Approx. 4 hr. 40 min.

- For details on supported batteries, refer to the latest catalog or visit the support page of the following website.
<https://pro-av.panasonic.net/en/>

Charge the battery pack (continued)

<Notes>

- **Keep metal objects (such as necklaces and hairpins) away from the battery. Short-circuiting may occur across the terminals, causing the battery to heat up, and you may seriously burn yourself if you touch the battery in this state.**
- After a battery is inserted, it may take some time for it to be recognized and the CHARGE indicator to light.
If the CHARGE indicator does not light after 10 seconds, try inserting the battery again.
- If two batteries that support quick charging are installed, the battery with the higher voltage inserted in CHARGE1 and CHARGE2 will be charged first. When the battery with the higher voltage is fully charged, the battery with the lower voltage will automatically switch to quick charging.
- If the battery's temperature is excessively high or excessively low, the CHARGE indicator will blink orange. Charging will start automatically when the battery reaches an acceptable temperature for charging.
- If the CHARGE indicator blinks orange when the battery's temperature is normal, the battery or the battery charger may be malfunctioning. In such cases, contact your dealer.
- Discharge the battery before storing it. When storing it for an extended time, charge it at least once a year, use up its charge in the camera-recorder, and then store it again.
- The Battery Charger can interfere with radio reception so keep radios at least 1 meter away from it.

Specifications

■ Battery Charger

Input:

DC (---) 15 V, 3.0 A,

DC (---) 9 V, 3.0 A

Output:

DC (---) 8.34 V, 3.78 A,

DC (---) 8.34 V, 2.5 A

 indicates safety information.

Ambient operating temperature:

0 °C to 40 °C (32 °F to 104 °F)

Ambient operating humidity:

10 % to 80 % (no condensation)

Weight:

Approx. 215 g (0.47 lb)

Dimensions (W×H×D):

130 mm × 48 mm × 107 mm

(5-1/8 inches × 1-7/8 inches ×

4-7/32 inches)

■ AC adaptor (DPLV1002)

Input:

AC (~) 100 V - 240 V,

50 Hz/60 Hz, 1.5 A

Output:

DC (---) 15 V, 3.0 A,

DC (---) 9 V, 3.0 A,

DC (---) 5 V, 3.0 A

 indicates safety information.

Ambient operating temperature:

0 °C to 40 °C (32 °F to 104 °F)

Ambient operating humidity:

10 % to 90 % (no condensation)

Weight:

Approx. 170 g (0.37 lb)

Dimensions (W×H×D):

115 mm × 35 mm × 57 mm

(4-17/32 inches × 1-3/8 inches ×

2-1/4 inches)

The Product is intended to be supplied by a UL Listed Power Unit marked "L.P.S." (or "Limited Power Source") or PS2 and is rated 15Vdc or 9Vdc.

For use with audio, video, information technology equipment

The symbols on this product (including the accessories) represent the following. (Some symbols are not displayed on this unit.)

~ AC

--- DC

 Class II equipment (The construction of the product is double-insulated.)

Panasonic Corporation

Web Site: <https://pro-av.panasonic.net/en/>

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