

AA-P30 AC ADAPTER CHARGER

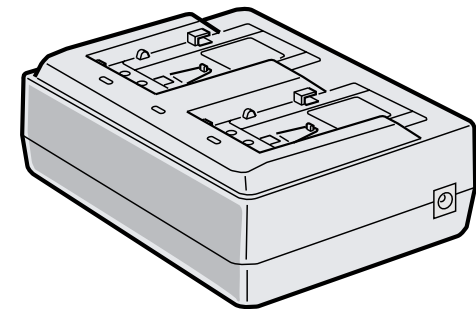
JVC®

AC ADAPTER CHARGER

NETZ-/LADEGRÄT
ADAPTATEUR SECTEUR/CHARGEUR DE BATTERIE

AA-P30

INSTRUCTIONS
BEDIENUNGSANLEITUNG
MANUAL D'INSTRUCTIONS



English


Deutsch

Français

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 LWT0033

For Customer Use:

Enter below the Serial No. which is located on the body. Retain this information for future reference.

Model No. **AA-P30**

Serial No. _____

This instruction book is made from 100% recycled paper.

LWT0033

IMPORTANT SAFEGUARDS

- (1) Read these instructions.
- (2) Keep these instructions.
- (3) Heed all warnings.
- (4) Follow all instructions.
- (5) Do not use this apparatus near water.
- (6) Clean only with a dry cloth.
- (7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- (8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- (9) Only use attachments/accessories specified by the manufacturer.
- (10) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- (11) Unplug this apparatus during lightning storms or when unused for long periods of time.
- (12) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

PORTABLE CART WARNING
(symbol provided by RETAC)



FOR USA AND CANADA



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

INFORMATION FOR USA

INFORMATION

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.

CAUTION

CHANGES OR MODIFICATIONS NOT APPROVED BY JVC COULD VOID USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

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 UNDESIRABLE OPERATION

Information for USA

This device complies with part 15 of the FCC Rules. Changes or modifications not approved by JVC could void the user's authority to operate the equipment.

Due to design modifications, data given in this instruction book are subject to possible change without prior notice.

WARNING:
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

AVERTISSEMENT :
POUR EVITER LES RISQUES D'INCENDIE OU D'ELECTROCUTION, NE PAS EXPOSER L'APPAREIL A L'HUMIDITE OU A LA PLUIE.

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

INFORMATION (FOR CANADA)

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

RENSEIGNEMENT (POUR CANADA)

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

POWER SYSTEM

Connection of POWER supply

The power for the network pack is supplied through the camera that is connected to the network pack.

Safety Precautions

Thank you for purchasing this product.
(These instructions are for AA-P30U.)

Before beginning to operate this unit, please read the instruction manual carefully in order to make sure that the best possible performance is obtained.

This equipment is in conformity with the provisions and protection requirements of the corresponding European Directives. This equipment is designed for professional video appliances and can be used in the following environments:

- residential area (in houses) or rural area
- commercial and light industry; e.g. offices or theatres
- urban outdoors

In order to keep the best performance and furthermore for electromagnetic compatibility we recommend to use cables not exceeding the following length:

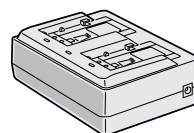
Port	Cable	Length
DC OUT	Exclusive Cable	Approx. 2 meters
AC IN	Exclusive Cable	Approx. 2 meters

The inrush current of this apparatus is 16 amperes.

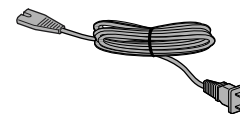
CAUTION

Where there are strong electromagnetic waves or magnetism, for example near a radio or TV transmitter, transformer, motor, etc., the picture may be disturbed. In such case, please keep the apparatus away from the sources of the disturbance.

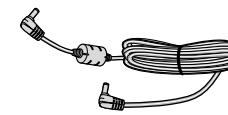
- This unit is an AC Adapter Charger designed exclusively for use with JVC DV camcorders.
- For detailed operations, refer to the instruction manual for your DV camcorder.
For the safe use of this equipment, be sure to read this instruction manual, the instruction manuals of any other equipment in use.
- This unit can be used to recharge the BN-V416 or BN-V428 lithium ion battery packs.
- This unit can be used to supply AC power from a wall outlet to the equipment.
- This instruction calls this unit the "AC Adapter/Charger."



AC Adapter/Charger
AA-P30



Power cord
Length: Approx. 2 m



DC cable
Length: Approx. 2 m

PRECAUTIONS FOR PROPER USE

When the equipment is installed in a cabinet or on a shelf, make sure that it has sufficient space on all sides to allow for ventilation (10 cm (3-15/16") or more on both sides, on top and at the rear). Do not block the ventilation holes. (If the ventilation holes are blocked by a newspaper, or cloth etc. the heat may not be able to get out.)

No naked flame sources, such as lighted candles, should be placed on the apparatus.

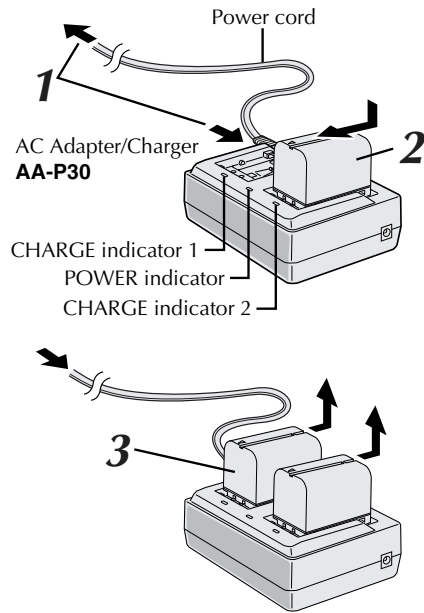
When discarding batteries, environmental problems must be considered and the local rules or laws governing the disposal of these batteries must be followed strictly.

The apparatus shall not be exposed to dripping or splashing.

Do not use this equipment in a bathroom or places with water. Also do not place any containers filled with water or liquids (such as cosmetics or medicines, flower vases, potted plants, cups etc.) on top of this unit. (If water or liquid is allowed to enter this equipment, fire or electric shock may be caused.)

This unit stops automatically when excessive noise such as lightning is applied. When this happens (when the POWER LED goes out), unplug the power cord, leave it for a minute and then plug it in again. In an environment in which events such as lightning are expected often, use a product such as a surge absorber, which can be plugged into the AC line and may be purchased, separately from a store.

CHARGING THE BATTERY PACK



1 Make sure you unplug the DC cable from the AC Adapter/Charger. Connect one end of the power cord to the AC Adapter/Charger and the other end to the wall outlet. The POWER indicator lights.

2 Remove the battery pack's protective cap. Attach the battery pack with the ⊕ ⊖ mark aligned with the corresponding marks on the AC Adapter/Charger. The CHARGE Indicator begins blinking to indicate charging has started. When two battery packs are attached, they will be recharged in the order that they are attached.

3 When the CHARGE indicator stops blinking but stays lit, charging is finished. Slide the battery and lift off. Remember to unplug the AC Adapter/Charger's power cord from the AC outlet.

MEMO:

- Perform charging where the temperature is between 10°C (50°F) and 35°C (95°F). 20°C (68°F) to 25°C (77°F) is the ideal temperature range for charging. If the environment is too cold, charging may be incomplete.
- When plugging the power cord into an AC Adapter/Charger, push it all the way in until it stops.

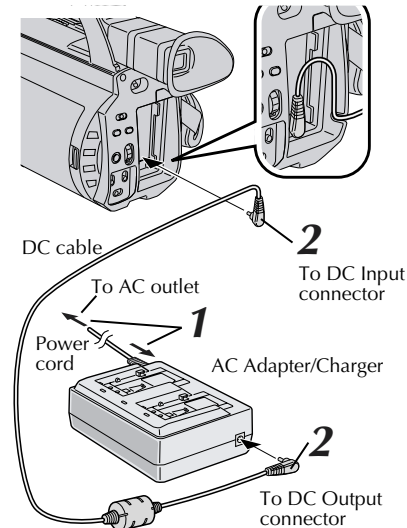
TIME TAKEN FOR RECHARGING

Battery pack	Recharging time of a single pack	Successive recharging time of two packs
BN-V416	Approx. 2 hr. 10 min.	Approx. 4 hr. 20 min.
BN-V428	Approx. 3 hr. 20 min.	Approx. 6 hr. 40 min.

*When charged at temperatures between 20°C (68°F) and 25°C (77°F).

- When charging Battery Packs after a long storage period, charging time will be longer than the time indicated above.

SUPPLYING POWER



You can connect the camcorder to an AC outlet using the AA-P30 AC Adapter/Charger.

1 Connect one end of the power cord to the AC Adapter/Charger and the other end to the wall outlet.

2 Connect the AC Adapter/Charger to the camcorder.

MEMO:

- Be sure to use the DC cable provided with the AC Adapter/Charger.
- When using the DC cable, make sure to connect the end of the cable with the core filter to the AC Adapter/Charger. The core filter improves the performance of the equipment.

DURING USE . . .

- The AC Adapter/Charger AA-P30 is specifically designed to charge the BN-V416 or BN-V428 Battery Packs. It cannot be used to charge a BN-V408.
- When charging a brand new Battery Pack, or one that's been in storage for an extended period, the Charging Indicator may not come on. In this case, remove the Battery Pack, then reattach and try charging again.
- If you connect the DC cable to the DC Connector while a Battery Pack is being charged, power will be supplied to the camcorder and charging will end incomplete.
- Vibration noise can sometimes be heard coming from the inside of the AC Adapter/Charger. This is normal.
- The AC Adapter/Charger processes electricity internally, and will become warm during use. This is normal. Make sure to use the AC Power Adapter/Charger in well-ventilated areas only.
- If the battery operation time remains extremely short even after having been fully charged, the battery is worn out and needs to be replaced. Please purchase a new one.

SPECIFICATIONS

Power	USA and Canada AC 120 V~, 60 Hz	Operating temperature	0°C to 40°C (32°F to 104°F) [when charging, 10°C to 35°C (50°F to 95°F)]
	European countries AC 220 V to 240 V~, 50 Hz/60Hz		Dimensions
Power consumption	Other countries AC 110 V to 240 V~, 50 Hz/60 Hz	Mass	
	23 W		Accessories
Output power			
	DC 7.2 V , 1.2 A (charge) DC 6.3 V , 2.3 A (VTR)		