

# COBY®

# BP-420



Portable DVD Player  
Universal Battery Pack



## INSTRUCTION MANUAL

Please read this manual carefully before operation

# PRECAUTIONS

	<b>CAUTION</b> WARNING: SHOCK HAZARD, DO NOT OPEN. AVIS: RISQUE DE CHOC ELECTRIQUE. NE PAS OUVRIIR	
<b>CAUTION:</b> TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK) OF THE UNIT. REFER SERVICING ONLY 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.



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

### **For Customer Use:**

Enter below the serial number that is located on the unit. Retain this information for future reference.

Model No. \_\_\_\_\_ BP-420 \_\_\_\_\_

Serial No. \_\_\_\_\_

### **WARNING:**

To prevent fire or shock hazard, do not expose this device to rain or moisture. Dangerous high voltage is present inside the enclosure. Do not open the cabinet.

### **CAUTION:**

To prevent electric shock, match wide blade of plug to wide slot of outlet and fully insert.

### **WARNING:**

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



For recycling or disposal information about this product, please contact your local authorities or the Electronics Industries Alliance: [www.eiae.org](http://www.eiae.org).

# PRECAUTIONS



**Please observe the following when using this item:**

Use only with authorized chargers, adapters, and players.

Do not use any unauthorized parts.

Do not disassemble, modify, crush, or puncture the unit in any way. Any excessive impact may cause the unit to malfunction.

Do not expose to high temperatures above 140°F (60°C).

Do not incinerate; dispose of properly.

Store between -4°F and 122°F (-20°C and 50°C).

Keep away from children.

# IMPORTANT SAFETY INSTRUCTIONS

- 1. Read Instructions:** All the safety and operating instructions should be read before the product is operated.
- 2. Retain Instructions:** The safety and operating instructions should be retained for future reference.
- 3. Heed Warnings:** All warnings on the product and in the operating instructions should be adhered to.
- 4. Follow Instructions:** All operating and usage instructions should be followed.
- 5. Cleaning:** Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- 6. Attachments:** Use only attachments recommended by the manufacturer. Use of other attachments may be hazardous.
- 7. Water and Moisture:** Do not use this product near water (e.g., near a bath tub, washbowl, kitchen sink, laundry tub, in wet basements, or near a swimming pool and the like).
- 8. Ventilation:** Slots and openings in the cabinet are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer instructions have been adhered to.
- 9. Power Sources:** This product should be operated only from the type of power source indicated on the rating label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power or other sources, refer to the operating instructions.
- 10. Grounding or Polarization:** This product may be equipped with a polarized alternating-current line plug that has one blade wider than the other. This plug will only fit into the power outlet in one direction. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the direction of the plug. If the plug should still fail to fit, contact an electrician to replace the obsolete outlet. Do not defeat the safety purpose of the polarized plug.
- 11. Power-Cord Protection:** Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and at the point which they exit from the product.
- 12. Protective Attachment Plug:** The product may be equipped with an attachment plug with overload protection. This is a safety feature. See the operating instructions for replacement or directions to reset the protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug that has the same overload protection as the original plug as specified by the manufacturer.

# IMPORTANT SAFETY INSTRUCTIONS

13. **Lightning:** For added protection for this product, unplug it from the wall outlet and disconnect the antenna or cable system during a lightning storm or when it is left unattended and unused for long periods of time. This will prevent damage to the product due to lightning or power-line surges.
14. **Overloading:** Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
15. **Object and Liquid Entry:** Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
16. **Service:** Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
17. **Damage Requiring Service:** Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions: a) when the power-supply or plug is damaged; b) if liquid has been spilled or if objects have fallen into the product; c) if the product has been exposed to rain or water; d) if the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation; e) if the product has been dropped or damaged in any way; f) when the product exhibits a distinct change in performance—this indicates a need for service.
18. **Replacement Parts:** When replacement parts are required, be sure that your service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
19. **Safety Check:** Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to ensure that the product is in proper operating condition.
20. **Heat:** The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

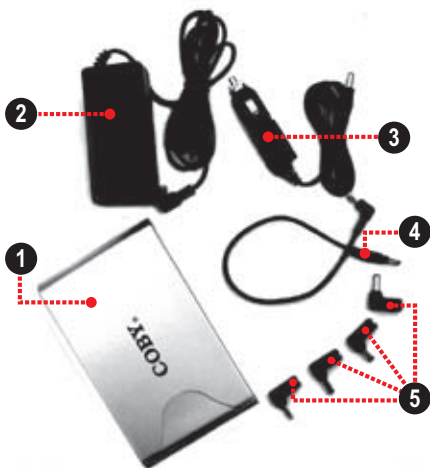
# TABLE OF CONTENTS

<b>PRECAUTIONS .....</b>	<b>2</b>
<b>IMPORTANT SAFETY INSTRUCTIONS .....</b>	<b>4</b>
<b>TABLE OF CONTENTS.....</b>	<b>6</b>
<b>PACKAGE CONTENTS .....</b>	<b>7</b>
<b>FEATURES .....</b>	<b>8</b>
<b>USING THE BP-420.....</b>	<b>9</b>
Charging the Battery Pack.....	9
AC Adapter.....	9
DC Adapter .....	10
Using the Battery Pack.....	10
LED Indicator Status (Detect) .....	11
<b>COMPATIBLE DVD PLAYERS.....</b>	<b>12</b>
<b>TROUBLESHOOTING.....</b>	<b>14</b>
<b>SPECIFICATIONS.....</b>	<b>15</b>

# PACKAGE CONTENTS

Please make sure that the items listed below are included in the package. Should an item be missing, please contact the local retailer from which you purchased this product.

1. BP-420 Battery Pack
2. AC Power Adapter
3. Car/Boat DC Power Adapter
4. Power Cord with Adapter Tip
5. 4 Additional Interchangeable Adapter Tips



# FEATURES

- ✦ Lithium-ion rechargeable battery pack engineered for use with most portable DVD players
- ✦ 4,000 mAh capacity provides up to 5 hours of extended playback time\*
- ✦ Includes 5 adapter tips (power cord + 4 adapter tips)

\* Estimated value only. Actual time will vary by device.



# USING THE BP-420

The BP-420 Universal Battery Pack provides backup battery power to portable DVD players. The battery pack is designed to be used with players requiring less than 9V.

## Charging the Battery Pack

The battery pack may be charged using either the supplied AC adapter or the DC adapter.

- ✦ During charging, the LED indicator will light red.
- ✦ When the battery pack is fully charged, the LED indicator will light green.



A new or exhausted battery pack should be charged fully before its initial use to ensure optimum lifetime performance.

## AC Adapter

This battery pack may be charged from AC 100-240V 50/60Hz wall outlets, only.

- ✦ Connect one end of the supplied AC adapter into the DC IN jack of the battery pack. Connect the other end of the adapter into an AC 100-240V wall outlet.
- ✦ Polarity Schematic:



# USING THE BP-420

## DC Adapter

This battery pack may be charged using the supplied DC adapter when an AC outlet is not available.

- ✦ Connect one end of the supplied DC adapter into the DC IN jack of the player. Connect the other end of the adapter into a car/boat cigarette lighter socket.

## Using the Battery Pack

After the battery pack has been charged:













1. Connect one end of the power cord to the DC OUT jack of the battery pack.
2. Select the proper adapter tip that fits your portable DVD player. To help guide your selection, please refer to the “Compatible DVD Players” section of this manual.
  - ✧ If the adapter tip of the power cord does not fit your portable DVD player, connect one of the 4 interchangeable adapter tips to the power cord.
3. Connect the other end of the power cord/adapter tip to the DC IN jack of your portable DVD player.

You are now ready to use your portable DVD player. Depending on the type of player, the battery pack will provide up to 5 hours of playback time.

# USING THE BP-420

## LED Indicator Status (Detect)

Press the DETECT button on the battery pack to check the battery's charged, discharged, or stored capacity.

Battery State	Capacity			
	0~25%	25~50%	50~75%	75~100%
Charge				
Discharge				
Store				

● *Lit*

○ *Unlit*

# COMPATIBLE DVD PLAYERS

The BP-420 will work with most Coby® portable DVD players.

For portable DVD players from other manufacturers, please refer to the chart below to help guide your adapter tip selection.

Adapter Tip	Brand*	Models
Power Cord	Go Video	GVP-5850, GVP-7811
	Mintek	DVD-1710, DVD-5830
	RCA	RCA5400P
	Samsung	DVD-L100
	Shinco	DVD-1520, DVD-1710, DVD-1810, DVD-5820, DVD-9510, DVD-960, DVD-9610, SDP-1560, SDP-1720, SDP-1731, SDP-1770, SDP-1810, SDP-1830, SDP-1910, SDP-5850, SDP-5860, SDP-5861X, SDP-9530, SVD-951
	US Logic	DVD-700P, DVD-800P
	Initial	DM830, IDM1791, DVD5820
5.5 x 2.5mm	Apex	Apex PD 10
3.5x1.35mm	Audiovox	Audiovox 1700

# COMPATIBLE DVD PLAYERS

Adapter Tip	Brand*	Models
4.75x1.75mm	Aiwa	XD-DW5U
	Audiovox	DV-1680
	Panasonic	DVD-L10, DVD-L50, DVD-LA85, DVD-LA95, DVD-LV55, DVD-LV57, DVD-LV60, DVD-LV70, DVD-LV75, DVD-PA65, DVD-PV40, DVD-PV55
5x3.4mm	Toshiba	SDP-1500

\* The manufacturer brands listed are registered trademarks.

# TROUBLESHOOTING

If you have a problem with this device, please check our website at [www.cobyusa.com](http://www.cobyusa.com) for Frequently Asked Questions (FAQs), firmware updates, or other documentation. If these resources do not resolve the problem, please contact Technical Support.

## **COBY Electronics Technical Support**

56-65 Rust Street  
Maspeth, NY 11378

Hours: 8:00 AM–11:00 PM EST, seven days a week.

Phone: 718-416-3197, 800-681-2629, or  
800-727-3592

Email: [techsupport@cobyusa.com](mailto:techsupport@cobyusa.com)

Web: [www.cobyusa.com](http://www.cobyusa.com)

# SPECIFICATIONS

AC Adapter Output	DC 12V
DC Adapter Output	DC 12V
Battery Pack Output	DC 9V
Battery Pack Capacity	4000 mAh
Charge Current	1.0 – 1.3A
Charge Time	~6 hrs
Operation Environment	32°F – 113°F
Storage Environment	-4°F – 122°F
Weight	3.5 lbs
Unit Dimensions	3.6" x 0.9" x 6.1" (WHD)

*Design, specifications, and manual are subject to change without prior notice.*

**COBY Electronics Corp.**

56-65 Rust Street  
Maspeth, NY 11378

[www.cobyusa.com](http://www.cobyusa.com)  
[www.ecoby.com](http://www.ecoby.com)