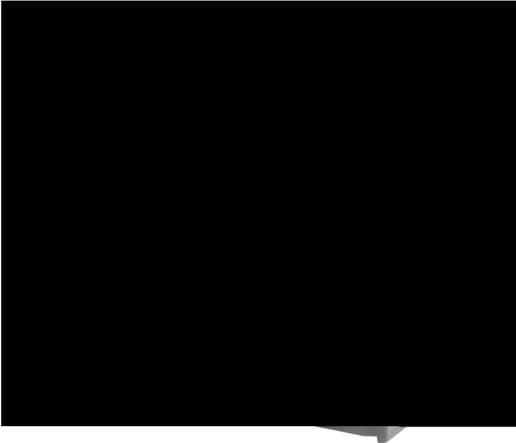




# OmniSource® 10•12

BATTERY CHARGER and  
RECONDITIONER  
BCR10



## OWNER'S MANUAL

Please read before using this system.

## INTRODUCTION

Thank you for purchasing LENMAR's OmniSource® 10•12. The OmniSource 10•12 can charge virtually all 9.6V, 10V, and 12V full size and VHS-C camcorder batteries. The OmniSource 10•12 is an AC/DC Battery Charger and Reconditioner. Two methods of charging are available. The Discharge/Charge mode for nickel cadmium batteries will automatically discharge and then quick charge batteries. The discharging process eliminates any battery memory, thereby allowing the battery to be charged to its maximum capacity. The second method is the quick charge function, which is especially useful for NoMEM™ batteries and lead acid batteries where discharging should be avoided.

The OmniSource 10•12 allows you to Charge or Discharge/Charge your batteries through a standard household AC outlet or on the road from a 12V cigarette lighter socket.

The OmniSource 10•12 is a complete, convenient system to refresh and charge your full size and VHS-C camcorder batteries.

## **OPERATING INSTRUCTIONS**

### **MODEL BCR10**

#### **AUTOMATIC DISCHARGE TO RECHARGE OF BATTERY**

1. If you wish to automatically discharge and recharge a battery, engage the battery onto the OmniSource base unit. (Refer to Battery Placement and Compatibility List to determine which side your battery fits on.)
2. Plug either the AC (110V) or DC (Cigarette Plug) into "input" jack. The Red LED light will illuminate to indicate power is on.
3. Push the Discharge button. The Yellow LED light will illuminate to indicate the battery is being reconditioned. Memory, if any is being eliminated. Important: Do not discharge NoMEM™ or Lead Acid Batteries.
4. When the battery is fully discharged, the Yellow LED light will go out and the Green LED will illuminate, indicating battery is now being charged.
5. When the Green LED light goes out, it indicates battery is fully charged. It is recommended to remove battery from unit.
6. Battery is now ready to be used.

NOTE: Unit will buzz if discharge button is pushed and battery is not properly connected.

#### **CHARGE ONLY FEATURE FOR NoMEM AND LEAD ACID BATTERIES**

1. Plug either the AC (110V) or DC (Cigarette Plug) into "input" jack. The Red LED light will illuminate to indicate power is on.
2. Engage the battery onto the OmniSource base unit. (Refer to Battery Placement and Compatibility List to determine which side your battery fits on.)
3. The Green LED light will illuminate, indicating battery is now being charged.
4. When Green LED light goes out, it indicates battery is fully charged. Remove battery from unit.
5. Battery is now ready to be used.

#### **DISCHARGE ONLY FEATURE - FOR NiCd BATTERIES ONLY**

To discharge a battery without automatically charging, does not require a power source.

1. Engage the battery onto the OmniSource base unit. (Refer to Battery Placement and Compatibility List to determine which side your battery fits on.)
2. Push the discharge button. The Yellow LED light will illuminate to indicate battery is being reconditioned. Memory, if any is being eliminated.
3. When the battery is fully discharged, the Yellow LED light will go out.
4. Remove the battery from the unit.

NOTE: Unit will buzz if discharge button is pushed and battery is not properly connected.

#### **BATTERY PLACEMENT AND BATTERY COMPATIBILITY LIST**

##### **Slot "A" ON TOP**

<b>Manufacturer</b>	<b>Battery Model #</b>
<b>Canon:</b>	BP-101A, BP-100, BP30/A, BP-31, BP-32, BT-30A
<b>Curtis</b>	EA13P60, VSBS0016
<b>Mathes:</b>	
<b>GE:</b>	1CVA125, 1CVA155, 1CVA156
<b>Lenmar:</b>	PAN88, PBA50, LBA6500
<b>Magnavox:</b>	AR8378BK01, V80039BK01, V80086BK01, V80096BK01
<b>Panasonic:</b>	LCS2012, LCS2312, PV-BP50, PV-BP88, VW-VB30, VW-VB31, VW-VBM7E
<b>Quasar:</b>	VE-257, VE-258, VE-55A
<b>Sears:</b>	5399, 53991
<b>Sylvania:</b>	AR8378BK01, AR8395BK01, V80039BK01, V80086BK01, V80096BK01
<b>Zenith:</b>	VAC-904, VAC-907

NOTE: May fit additional makes and models of equivalent 12V batteries.

For placement onto unit, slide the battery in the angled slot with contacts side going in first, facing down.

SIDE "A" FOR HITACHI/RCA 10V VHS-TYPE

<b>Manufacturer</b>	<b>Battery Model #</b>
GE:	1CVA145, 1CVA150
Hitachi:	VMBP61A, VMBP63A, VMBP64, VMBP65, VMBP66, VMBP67
JVC:	BN-V5GU, BN-V6GU, VN-V7GU
Lenmar:	JBC752, JBC962S, RBV96S, RHB65, RHB66
Magnavox:	V80076BK01, V80085BK01
Minolta:	VBC-166, VBP-100, VBP-101, VBP-101, VBP-160, VBP-161, VBP-165, VBP-166, VBP-500, VBP-501
Panasonic:	PV-BP10, PV-BP11, PV-BP12, VW-VBC1E, VW-VBC3
Quasar:	VE-255, VE-256
RCA:	AV-650, BP-96, CB-096, CB-096FL, EP096FL
Sears:	53981, 53982
Sylvania:	V80076BK01, V80085BK01
Toshiba:	BP-11, BP-12, TBP-7U, TBP-8U, TBP-9U
Zenith:	VAC-402, VAC-403, VAC-415, VAC-445, VAC-620 thru VAC-795

NOTE: May fit additional makes and models of equivalent 9.6V and 10V batteries.

For placement onto unit, align battery tabs to the tabs on the charger rail, closest to the back of charger. Slide the battery back all the way.

SIDE "B" FOR HITACHI/SHARP 12V VHS TYPE

<b>Manufacturer</b>	<b>Battery Model #</b>
RCA:	CBC-060, CBC-120
Hitachi:	VMPB51, VMBP52
Phillips:	SBV1552H01
Realistic:	P16BP63, P16BT22
Sharp:	BT-21, BT-22
Lenmar:	HBC520 and SBT22

NOTE: May fit additional makes and models of equivalent 12V batteries.

ADAPTER PLATE

<b>Manufacturer</b>	<b>Battery Model #</b>
Goldstar:	VM-BP2M, BP-151
Hitachi:	VMBP21, VMBP22
Lenmar:	HBV522
Memorex:	VM-BP21M
Minolta:	BP-1001, BP-1002
Mitsubishi:	HS-F10UR
Pentax:	PVBT11, PVBT12
RCA:	AV120, CB-060, CB-120
Samsung:	V-NB3
Sears:	53994, 53995
Zenith:	VAC-901

Slide Adapter Plate over Side "B". Align back tabs of plate with back tabs of charger. Slide plate all the way forward. Align battery on tabs of plate. Slide battery all the way forward.

## SPECIFICATIONS

### Charge Condition:

**Power Source:** AC or DC Option  
**Temperature:** 0° C 40° C  
**Charge Current:** 0.8A MAX  
**Charge Voltage:** 11.0V 15.0V  
**Trickle Current:** 50mA  
**Charge Time:** Depending on the voltage and mAh of the battery.  
Approximately 2 hours for a 2000mAh battery.

### Discharge Condition:

**Discharge Current:** 500mA + 20mA  
**Cut Off Voltage:** 12V : 9.5V + 0.1V  
9.6V: 7.7V + 0.1V  
**Discharge Time:** Depending on voltage and mAh of the battery.  
Approximately 2 1/2 hours for a 2000mAh battery.

### Operation:

Choose proper adapter (included) for power source to be used.

**For AC Operation:** Plug AC adapter into unit and the other end into any standard household 110V outlet.  
**For DC Operation:** Plug DC charging cord into unit and the other end into any 12V power sources that offer a cigarette lighter plug receptacle.

## WARRANTY

"LIMITED" 1 YEAR WARRANTY

This limited warranty starts from the date of original purchase and expires 1 year thereafter.

If, during this period, any part, because of manufacturing defects or workmanship fails to function properly under normal use will be repaired at no charge for parts and labor or, at our option, the product will be replaced. The following is excluded: damages from delay or loss of use of equipment, or damaged batteries, malfunctions resulting from misuse, tampering, unauthorized repairs, modifications, or accident.

Package the unit and its accessories carefully using ample padding material to prevent damage in transit and ship it prepaid and insured to:

LENMAR ENTERPRISES INC. USA , 31328 VIA COLINAS #102,  
WESTLAKE VILLAGE, CA 91362.

When sending in product for service, your package should include evidence of date and place of purchase. Enclose \$10.00 for shipping and handling for addresses in the U.S. and \$15.00 in Canada. For outside the U.S. and Canada, freight will vary depending upon ship to address.