

LENMAR

OmniSource® JR

BATTERY CHARGER, RECONDITIONER,
TESTER, AND POWER SUPPLY
Model BCR261



OWNER'S MANUAL

Please read before using!

OPERATING INSTRUCTIONS

OMNISOURCE® JR - MODEL BCR261

INTRODUCTION

Thank you for purchasing LENMAR's OmniSource JR Model BCR261. With it you can charge virtually all 6 Volt Nickel Cadmium and NoMEM® batteries used with VHS-C, 8mm, and Hi-8 Camcorders. The BCR261 will operate as an AC/DC Battery Charger, Reconditioner, Tester, and Camcorder Power Supply. The BCR261 will operate from a standard household AC outlet, or on the road from a 12 Volt cigarette lighter socket. Also, use the BCR261 to run your camcorder from either an AC or DC power source. The BCR261 is a complete, convenient system to test, refresh, condition, and charge your 6 Volt camcorder batteries.

Getting Ready...

CONNECTING THE POWER SUPPLY

To charge batteries, either the AC Adapter or the DC Car Adapter must be plugged into the jack marked "DC IN" on the Base Module. Once you have done this, plug the power adapter into an AC receptacle or cigarette lighter (depending on which adapter you are using).

SELECTING THE PROPER CHARGING MODE FOR YOUR BATTERY

Ni-Cad (or Nickel Cadmium) Batteries

When you recharge a nickel-cadmium battery before it's fully drained, the battery "remembers" it is using less than a full charge, resulting in a loss of capacity. Because of this, the BCR261 has a Discharge / Charge feature which will automatically discharge your Ni-Cad battery and then charge it fully. Doing this will assure that you will get the maximum life out of your Ni-Cad batteries.

You may also choose to fully discharge your Ni-Cad batteries before storing them for any reasonable period of time. Use the Discharge for Storage instructions to properly prepare your Ni-Cad batteries before you store them.

NoMEM Batteries

NoMEM batteries cannot be reconditioned and MUST be stored fully charged. If you recondition a NoMEM battery it will diminish its capacity and/or not fully charge up again. For this reason, NEVER use the Discharge / Charge feature when charging NoMEM batteries. For NoMEM batteries, use the Charge Only feature. To keep your NoMEM batteries fresh and to prolong their life, they should be fully recharged as soon after each use as possible. They should also receive a fresh charge after every 4-6 months of storage or non-use.

Using Your BCR261 in...

TEST MODE (all battery types)

Disconnect any adapters that may be plugged into the base module. Next, insert your 6 Volt camcorder battery into the base module and press the CAPACITY button at the top of the base module. If the battery is properly inserted, a number of yellow indicators will light showing the charged capacity of the battery.

None	Less than 30% Capacity
1	30% - 49% Capacity
2	50% - 69% Capacity
3	70% - 89% Capacity
4	90% or Better

CHARGE ONLY MODE (for NoMEM batteries)

Plug the appropriate power adapter into the base module hole marked "DC IN", and insert the battery to be charged. The RED CHARGE indicator should light. When the RED light goes out, your battery is fully charged.

NOTE: Never press the DISCHARGE button while a NoMEM battery is inserted in the base module!

DISCHARGE / CHARGE MODE (for Ni-Cad type batteries)

Plug the appropriate power adapter into the base module hole marked "DC IN", and insert the battery to be charged. The RED CHARGE indicator should light. Press the DISCHARGE button at the top of the base module until the GREEN DISCHARGE light goes on. The GREEN light will stay on until the battery is fully discharged, then the RED indicator light will light indicating that the battery is now being charged. When the RED light goes out, your battery is fully charged.

DISCHARGE FOR STORAGE (for Ni-Cad type Batteries)

Plug the appropriate power adapter into the base module hole marked "DC IN". Next, insert your 6 Volt camcorder battery into the base module and press the DISCHARGE button on the top of the base module until the GREEN DISCHARGE indicator light goes on. The GREEN light will go out once the battery is fully discharged. The battery should be removed soon after the GREEN light goes out to prevent the battery from recharging automatically.

Using Your BCR261 As An Ac Power Source For Your Camcorder

Connect the adapter plate provided to your camcorder in place of the battery. Plug either the AC Transformer or the DC adapter into the "DC IN" jack on the base module. Finally, plug one end of the double ended cable into the adapter plate on the camcorder, and the other end into the hole on the base module marked "output". You should now have power to your camcorder. If you do not have power, check the adapter plate on the camcorder for proper connection and that the interconnecting cable is fully inserted.

SPECIFICATIONS:

POWER SOURCE

- AC Adapter - Output 13.5 VDC - 1A
- 12 Volt DC Cigarette Adapter - Not to exceed 15 VDC

CHARGING CIRCUIT

- Microprocessor Controlled Switching Type

CHARGING MODE

- Current 850mA Constant
- Time 1 to 2 Hours (Varies With Battery Capacity and Charge Condition)
- Detection -DV & 0DV
- Protection Max. Voltage, Time, and Temperature

DISCHARGING MODE

- Current 360mA +/- 20mA
- Cut Off 1V / Cell

POWER SUPPLY MODE OUTPUT

- Output 10.8 Watts
- Voltage DC 7.15V Regulated
- Current 1500mA Max.

“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.