

User Manual

The Advance

Single Bay Lithium Charger™



ADVANCETEC
INDUSTRIES INC

www.advancetec.com



*Battery not included



Single Bay Lithium Charger consists of:

- 1. Part #AT2065A Charger
- 2. Part # 055-0060 Power Adapter
- 3. Part # AT9970A Car Adapter (optional)



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Congratulations on your purchase of the AdvanceTec Lithium Ion Charging System



! WARNING: The use of this unit with a battery other than the specified Lithium Ion batteries may result in damage and/or fire.

This unit is NOT to be used with Ni-Cd, Ni-MH, Lead Acid, Carbon, Zinc, Alkaline, Mercury, Silver, Lithium, or any other battery other than the specified Li-Ion batteries.



■ OPERATING INSTRUCTIONS

1. Insert the male round metal plug at the end of the AC adapter into the corresponding female socket on the unit.
2. Plug the AC adapter into a suitable wall outlet. At this point the red LED indicators will light and blink to indicate "Stand By" position.



! NOTE

The charger will come with a battery plate suited to the battery used by you. If the charger was not supplied with a battery plate or you are changing the battery you are currently using, contact your Advantec sales representative to purchase a suitable battery plate and install the plate following the instructions accompanying the battery plate.

3. Place the battery on the unit as you would onto the radio/phone.
4. As the battery is inserted in place on the unit, the green LED will blink, showing that the battery is being charged. If the green LED does not light and the blinking red LED remains on after a battery is placed on the unit, refer to "Trouble Shooting" further on in these instructions.
5. If the battery is removed from the unit before the full charge cycle has been completed, the blinking red LED indicator will turn on. To recommence the charging cycle, replace the battery on the unit. It is quite safe to remove the battery from the unit prior to completing the full charging cycle.



6. When the battery is fully charged the green LED indicator will light solid showing that the unit has switched to a maintenance mode. It is quite safe for both the battery and the unit to leave the battery on the unit with the solid green LED. While in this maintenance mode the unit will stop charging the battery and wait until the battery drops to 3.9V and start charging cycle again, to prevent the battery from overcharging.

7. During the charging cycle the unit and the battery may become warm. This is quite normal and is not harmful to either the battery or the Radio.



!NOTE: If the battery is new and is being charged for the first time, the new battery may cause the red and green LEDs to blink alternately for a short time. If this should occur, leave the battery on the unit and the red blinking LED will stop within one minute. If the alternating blinking red and green LEDs do not stop within one minute, it would appear that the battery is defective.

8. Before replacing a defective battery, it is suggested that the battery be placed on an AdvanceTec Analyzer, or another reliable analyzer available to accurately determine the capacity of the battery. If no analyzer is available, it is suggested that the battery be taken to your local two-way dealer to confirm the status of the battery before discarding the battery.

▪ LED SEQUENCE

- 1.** Blinking RED - Stand-by
- 2.** Blinking GREEN - Battery being charged
- 3.** Fast Blinking GREEN - Final 10% being charged
- 4.** Solid GREEN - Battery fully charged



■ TROUBLE SHOOTING

1. If the blinking red LED indicator does not light after the AC adapter is plugged into the wall outlet:

[a] Check that the wall socket is powered and that the AC adapter is properly seated in the outlet.

[b] Check that the plug into the unit or the cigarette lighter plug into the cigarette lighter adapter (if being used in a vehicle) are properly seated.

[c] If being used in the vehicle, check that the fuse in the cigarette lighter plug is intact and has not blown. To locate the fuse, unscrew the end metal tip of the cigarette lighter plug. Replace the fuse only with a 3 Amp fuse.

2. If the red LED indicator lights with the battery in place, remove the battery and replace it, ensuring that the battery is properly seated.

! WARNING



1. Do not use an-AC or DC adapter other than those supplied with the unit.

2. Do not short circuit the output on any of the units.

3. The unit is a highly sophisticated electronic device, which may be damaged if handled roughly or dropped.

■ SPECIFICATIONS

AC Adapter

Input: 100/240 V - AC 50/60Hz

Output: 15V - 1.0 A

Charger

Input: 15V DC



■ WARRANTY

Your product has a one-year limited warranty from date of purchase against defects in material and workmanship. Under this warranty, you may return a faulty product to AdvanceTec and AdvanceTec will either repair or replace the faulty product free of charge. To return a faulty product for repair or replacement, please call AdvanceTec in the USA at 305-623-3939 to obtain a Return Material Authorization number. If outside of the USA, contact your authorized AdvanceTec dealer for a Return Material Authorization. This warranty covers only defects in material or workmanship in normal use and not damage from negligent handling, misuse, charging of batteries other than those the charger was specified and designed to charge, or lack of proper care.

Important: Opening of the product will void this warranty. This warranty gives you specific legal rights. You may also have other rights, which vary from state to state.

OTHER THAN AS EXPRESSLY SET FORTH ABOVE, AdvanceTec Industries, Inc DOES NOT MAKE ANY EXPRESS OR IMPLIED WARRANTIES OR REPRESENTATIONS REGARDING THEIR PRODUCTS. ANY IMPLIED WARRANTIES OF MERCHANTABILITY, NONINFRINGEMENT, AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED AND DISCLAIMED.

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