

UNIVERSAL NI-CD & NI-MH FAST BATTERY CHARGER MODEL T-1199B

OPERATING INSTRUCTIONS : -

1. Insert 1 to 4 pcs. D, C, AA, AAA or 1 to 2 pcs of 9V cell in the battery compartment. DO NOT MIX NICKEL-METAL HYDRIDE AND NICKEL-CADMIUM BATTERIES.
2. Slide the battery type switch to select the correct type of battery. For Nickel-Cadmium batteries, set the switch to "NiCd" position. For Nickel-Metal Hydride batteries, set the switch to "NiMH" position.
3. Plug the charger into a correct house-hold electric outlet. The LED (CH 1, CH 2, CH3 or CH4) will glow in red color to indicate the proper charging. After the proper charge time is reached (8 hours for NiMH and 4 hours for NiCd, except 9V cell) the red lights will turn off and the trickle charge is on. The charged batteries are ready for use.
4. Unplug the charger and remove the batteries from the charger when not in use.
5. When 9V cells are placed in the charger, the green light (at the top of the charger) will on. After about 10-15 hours, remove the 9V cells from the charger and now the charged batteries are ready for use. Observe the charging time. Do not overcharge the batteries. (NOTE : The charging of 9V cells are by manual control, therefore the green light will continue to stay on unless you remove the 9V cells from the battery compartment.)
6. Unplug and then replug the charger each time when you recharge the empty batteries.

CHARGING TIME FOR NiCd CELLS:

<u>Capacity of battery</u>	<u>By timer</u>
AAA - 240mAh - 300mAh	: 4 hours
AA - 700mAh - 800mAh	: 4 hours
C - 1400mAh	: 4 hours
D - 1400mAh	: 4 hours

CHARGING TIME FOR NiMH CELLS:

<u>Capacity of battery</u>	<u>By timer</u>
AAA - 550mAh -800mAh	: 8 hours
AA - 1300mAh -2000mAh	: 8 hours
C - 2300mAh -2800mAh	: 8 hours
D - 2300mAh - 2800mAh	: 8 hours
D - 5000mAh	: *16 hours

CHARGING TIME FOR 9V CELLS:

<u>Capacity of battery</u>	<u>By manual</u>
9V NiCd cell 110mAh	: 10 hours
9V NiMH cell 150-160mAh	: 15 hours

*This type of battery need to recharge one more cycle to ensure the battery is fully charged. After 8 hours charging, the red LED will turn off and the trickle charge is on. Unplug and then replug charger for additional 8 hours charging.

CAUTION:

- (1) Do not overcharge the batteries.
- (2) Do not expose charger to rain or moisture. For indoor use only.
- (3) Never charge NiMH and NiCd batteries at the same time.
- (4) This charger is intended for use with Nickel-Cadmium and Nickel-Metal-Hydride rechargeable batteries only. Attempting to charge other types of batteries may cause personal injury and damage to the charger.