

QUANTUM QB-10 CHARGER/ADAPTER

INSTRUCTIONS

Introduction

It is usually necessary and desirable to exhaust NiCad battery cells prior to recharging. This aids in erasing their "memory." Just the opposite is true for the lead cells of the Quantum Battery. They should be recharged after every use, even a partial discharge. The less they are used to the point of near-exhaustion, the longer will be their lifetime and capacity.

Using the Battery

When you receive the battery follow the charging instructions and give the battery a full charge before initial use. Place the battery in the 200B and connect. Operate as usual. When the recycling time increases to over 5 seconds, your 200B will cut-off. To get additional capacity from the QB-20 give it a short "rest" period. In general, shutting down the power pack when it's not needed adds to the battery capacity. Recharge after full or partial discharge. Frequent recharging and storing in a full-charge state promote long battery life.

Important - Turn the flash off after use. Discharging the QB-20 to complete exhaustion will decrease its capacity permanently.

Charging the Battery

The QB-10 charges one or two QB-20 batteries. Remove the QB-20 battery from the 200B and plug it into the Adapter. Plug the Norman charger into the other end of the Adapter. **Press the red button** on the Norman charger and charge as usual.

Proper charging is gauged by time, not by the red light on the Norman charger. Whenever possible, charge overnight. For quick charging allow 2-3 hours for one battery or 4-6 hours for two. After one quick charge and usage, allow for an overnight charge. While charging, the red light on the Norman charger will not go out. However, the Adapter will automatically switch to trickle charge and will not overcharge the battery.

When charging only one QB-20 battery, do not allow the unused charger plug blades to touch any metal surface. Cover them with the red cap provided.