

Video cam

CBC1 Battery Belt Charger

PRODUCT OVERVIEW

The CBC1 battery charger is designed to charge just about any nicad battery belt from a car cigar socket. It uses switch mode technology to deliver a constant current charge regardless of the voltage of the belt and will automatically compensate for fluctuations in the supply voltage.

INSTRUCTIONS FOR USE

Connect the "DC in" socket to a suitable supply (usually a car cigar socket) and the "Charge out" socket to the battery belt to be charged. Always be very careful of polarity when connecting to the belt.

When the supply is connected the "power" LED should be illuminated and the "charge" LED will indicate that charging is in progress. Note that the charge LED will remain on for as long as the belt is connected, and so charge time should be calculated according to the capacity of the belt;

Charge current is 420mA constant, so for a 4Ah belt allow about 14 hours and a 7Ah belt about 24 hours.

(Belt capacity (Ah) divided by charge current (0.4), multiplied by 1.4)

Note that the DC input socket is 2.1mm centre positive and the charge output lead is 2.5mm DC centre positive.

Optional charge output leads;

KLDC1 2.5mm DC plug to 2.1mm DC plug (for most DSM belts)

KLDC2 2.5mm DC plug to cigar plug

KLDC3 2.5mm DC plug to 2 x croc clips

Specification

Power requirements	By external supply to DC input socket, (2.1mm centre positive), between 8v - 15v DC
Charge current	420mA constant