



Series 9900 Wireless Intercom System

Charging Unit, 4-Bay
Model No. A99-04CRG2
(Part No. 41034G-01EU)



A99-04CRG: Battery Charger, 4-Bay

DESCRIPTION

The Series 9900 Wireless Intercom System is the perfect solution for wireless intercom communications in demanding environments, such as airline/airport operations, fire/rescue applications, marine intercom, or any application requiring rugged, secure and reliable communications in and around high-noise areas.

The A99-04CRG Battery Charger is a four-bay battery charger designed for 3.7V Li-Polymer batteries (David Clark p/n 40688G-90), used with the 9900 Series Wireless Intercom System. It is a smart charger, providing constant current, constant voltage and trickle charge states to the batteries.

Each battery is charged independently of the others, and anywhere from one to four batteries may be charged at a time, with charge status indicated by a multi-color LED next to each battery bay. A full charge to a completely discharged battery is attained within 3-4 hours and allowing operation for over 24 hours between charges.

The A99-04CRG is designed for interior use only, and is not intended to be used outside or anywhere excessive moisture or temperature extremes may exist. It is packaged with rubber feet and mounting brackets, providing options for portable or permanent install.

FEATURES AND BENEFITS

- Provides smart charge for up to 4 each Li-Polymer 3.7V batteries, universal for all 9900 Series Wireless battery-powered modules.
- Individual multi-color LED indicators (4 each) provide visual status of each batteries' charge state.
- Li-Polymer batteries include internal thermistor, allowing the charger to monitor each batteries' temperature at all times via the charger's internal thermal monitoring circuit.
- Safe, proper charging achieved through constant current, constant voltage, and trickle charge stages.
- 3-4 hour charge cycle provides full charge to a completely discharged batteries, lasting for over 24 operational hours between charges
- Power cord and power adapter included for 250VAC power supply.
- Includes permanent and portable mounting options via mounting brackets and/or rubber feet.
- Rugged and reliable design allows years of faithful service
- Low-profile, space saving enclosure for flexible installation options

TECHNICAL DATA

Weight	9.3oz/264g
Input Voltage	5 VDC
Input Current	5 A (max)
Output Voltage	4.2 VDC
Output Current	1A per battery (max), 4A total (max)
Operating Temperature	0°C to 38°C
Charge Bays	4 each
Compatibility	Li-Polymer 3.7V, 2000mAh
Status Indication	Multi-color LED (4 each)
Power Supply	Power adapter/cord (2 pc), 20W max power, 5V output voltage, 4A max load, 12.5' total length
Mounting Options	Rubber feet or mounting brackets (4 each)
Dimensions	4-3/4" L x 3-1/2"W x 2-1/4" D

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