A99-14CRG: 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 A99-14CRG is a next generation 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. Power cable options are sold separately and are available in a variety of AC and DC configurations.

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 A99-14CRG 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 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 for safe, proper charging.

➢ 3-4 hour charge cycle provides full charge to completely depleted batteries, lasting for over 24 operational hours between charges

➢ Power supply cord kits available for 110VAC, 230VAC, 12VDC and 24VDC power sources.

➢ Includes permanent and portable mounting options via mounting brackets and/or rubber feet.

➢ Spring-loaded, detented holder mechanism secure batteries inside bays to ensure NFPA compliance and secure terminal contact for reliable charging.

➢ Rugged and reliable design allows years of faithful service

➢ Low-profile, space saving enclosure for flexible installation options

TECHNICAL DATA

Weight	10.4oz/295g
Input Voltage	5 to 15VDC
Input Current	5 A (max)
Output Voltage	4.2 VDC
Output Current	850mA per battery (max), 4A total (max)
Operating Temp.	0ºC (32°F) to 38ºC (100°F)
Charge Bays	4 each
Battery Compatibility	Li-Polymer 3.7V, 2000mAh (DCCI p/n: 40688G-90)
Status Indication	Multi-color LED (4 each)
Power Supply Cord Kits (sold separately)	▪ C99-14AC1 (110VAC) ▪ C99-14AC2 (230VAC) ▪ C99-14DC1 (12VDC, 20') ▪ C99-14DC2 (24VDC) ▪ C99-14DC3 (12VDC, 10')
Mounting Options	Rubber feet or mounting brackets (4 each)
Dimensions	4-3/4" L x 3-1/2"W x 2-1/4" D