



Chargers

PAG AR Series 2, Quasar & Pulsar charge PAG **Li-Ion**, as well as **Ni-Cd** and **Ni-MH** batteries of any reputable manufacturer, within the ranges 4.8V to 14.8V, and 1Ah to 10Ah.

PAG AR124PLD
Four-channel AR Series 2
Charger/Discharger

PAG AR Series 2 chargers are available with either PAGlok connectors or NP1 pockets. The **PAG Pulsar** incorporates Snap-on compatible connectors, incorporating **Talk-Circuits**, which allow the charger to display data, recorded by PAG digital Li-Ion batteries, such as date of manufacture, serial number, Ah loaded, operating capacity, percentage state-of-charge, and battery temperature.

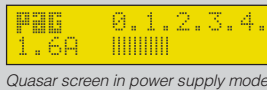
PAG QUASAR
Ultra-compact two-channel
charger (half the size of
the AR124PLD).



The Quasar is available with either **PAGlok connectors** or Snap-on compatible connectors.

All chargers are easy to operate. Many have large **backlit LCD displays**, providing battery voltage and charge loaded information.

The Quasar incorporates an optional **Camera Power Supply** that provides a nominal 50W suitable for powering most professional broadcast cameras. In power supply mode the Quasar displays an accurate digital bar-graph of power consumption.



Quasar screen in power supply mode.

All chargers employ superior **Sequential Charging** which fully charges one battery a lot quicker than a simultaneous charger. Simultaneous charging distributes current over two batteries at the same time, making the process twice as long. PAG chargers are so efficient that in many cases two batteries can be sequentially charged faster than they can with simultaneous chargers of other manufacturers.

All models are designed to high electrical standards, with RFI certification, and are suitable for use in all broadcast environments.

PAG ACS - ADVANCED CHARGING SYSTEM

PAG chargers are the most versatile and advanced microcomputer-controlled battery management systems in the industry. The PAG ACS software that controls the charging program will extend the working life of your batteries beyond anything that can be achieved using other systems.

AUTOMATIC CHARGE-RATE SELECTION

PAG acknowledges the wide variety of batteries that are available to the camera operator in terms of cell-chemistry, voltage

and capacity, and has incorporated revolutionary software in its chargers that provides the easiest and most efficient way of managing them. Automatic Charge-Rate Selection detects the battery's cell-chemistry, state-of-charge, capacity and condition, using only the battery's negative and positive terminals. The charger then applies the correct regime to achieve a fully charged battery with the maximum capacity and cycle life. The charge rate can be set manually to 2A, 3A, 4A or Auto.

VARIETY OF FEATURES

The features of each PAG charging

system vary to include 2 or 4 channels, a choice of battery connector, Discharge/Charge program, or a camera power supply.

DISCHARGER

Batteries which have been repeatedly subjected to partial discharge will benefit from the analytic Discharge/Charge cycle program which measures and displays available battery capacity.

RECOVERY CHARGE

The Recovery Charge Program can be used to regain capacity lost as a result of extended storage or operation under adverse conditions.

An adaptive maintenance charge is applied after full charge, if necessary, to keep batteries in peak condition and ready for instant use.

LI-ION RECOVERY

PAG chargers incorporate a program for PAG Li-Ion batteries that will automatically recover the battery when the output has been shut down by the internal protection circuit.

PAG charging systems automatically adjust to operate from AC mains supplies worldwide.