

AR SERIES 2

ALL-CHEMISTRY CHARGING SYSTEMS

- ▶ CHARGES NEW PAG LI-ION BATTERIES AS WELL AS NI-CD & NI-MH BATTERIES OF ANY MANUFACTURER.
- ▶ COMPACT AND LIGHTWEIGHT.
- ▶ 2 OR 4 CHANNEL MODELS.
- ▶ PAGLOK OR NP CONNECTORS.
- ▶ AUTO CHARGE RATE SELECTION.
- ▶ ANALYTIC DISCHARGE/CHARGE PROGRAM.
- ▶ RECOVERY CHARGE PROGRAM.
- ▶ WORLDWIDE OPERATION.



AR124PLD

AR124NPD



Model	Chargers	Connectors	Dimensions	Weight
9792	AR124PLD	4 x Paglok, 4 x PP90	81.5 x 168 x 240mm	1.23kg
9793	AR124NPD	4 x NP, 4 x PP90	78 x 142 x 240mm	1.07kg
9794	AR122PL	2 x Paglok, 2 x PP90	81.5 x 168 x 240mm	1.04kg

PAG AR124PLD



9792
Analytic Discharge/Charge Program
4 x Paglok, 4 x PP90
81.5 x 168 x 240mm
1.23kg

PAG AR124NPD



9793
Analytic Discharge/Charge Program
4 x NP, 4 x PP90
78 x 142 x 240mm
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PAG AR122PL



9794
2 x Paglok, 2 x PP90
81.5 x 168 x 240mm
1.04kg

PAG AR SERIES 2 CHARGERS ARE THE SMALLEST, LIGHTEST, AND MOST ADVANCED MICROCOMPUTER-CONTROLLED CHARGING SYSTEMS AVAILABLE FOR USERS OF Ni-Cd, Ni-MH AND PAG LI-ION BATTERIES, IN THE RANGES 4.8 TO 14.8V & 1 TO 10Ah.

Operating under the microcomputer control of PAG ACS, the world's most Advanced Charging System, PAG AR Series 2 chargers extend the working life of your batteries beyond that achievable using any other system.

PAG AR SERIES 2 RANGE

The PAG AR Series 2 range comprises three models: two and four-channel chargers incorporating Paglok connectors, for the direct connection of all Paglok batteries, and the AR124NPD incorporating four NP type pockets (suitable for charging any PAG NP type battery and specified NP batteries of other manufacturers).

All AR Series 2 chargers incorporate PP90 (2.1mm) sockets for the connection of '90' format batteries and PAG charging adaptors. The latest AR Series 2 chargers are capable of charging V-Mount Li-Ion batteries via a designated PAG Intelligent Charge Adaptor, Model No. 9610.



Intelligent Charge Adaptor for V-Mount Li-Ion batteries

AUTO CHARGE CURRENT SELECTION

AR Series 2 now features automatic charge current selection. The charger determines critical battery parameters, such as cell chemistry, state-of-charge and cycle history, and then applies the most suitable charge rate to achieve a fully charged battery with the maximum potential cycle life.

This feature is ideal when you want to leave batteries of mixed cell chemistry and state-of-charge to be processed unattended. Alternatively, the charge current can be manually selected at

either 2A, 3A or 4A. PAG digital batteries, such as the L75 contain a microcomputer which automatically controls the charge regime.

DISCHARGE THEN CHARGE PROGRAM

Four-channel AR Series 2 chargers also incorporate an analytic Discharge-then-Charge Program that greatly benefits batteries which have been repeatedly subjected to partial discharge in use. The true available capacity of any battery is displayed on the large backlit LCD. This user interface also provides information such as the charge current loaded and status for each channel, as well as discharge capacity and terminal voltage.

RECOVERY CHARGE PROGRAM

All models provide a manually selectable Recovery Charge program which can be activated to recover capacity lost as a result of extended storage, or use under adverse conditions.

MAINTENANCE CHARGE

Once any of the main charging programs has been completed, batteries are monitored continually, and a maintenance charge is applied, where necessary, to keep them at full charge, ready for immediate use.

WORLDWIDE OPERATION

All PAG AR Series 2 chargers incorporate the latest design of high frequency switch-mode power supply which adjusts automatically to enable worldwide operation.

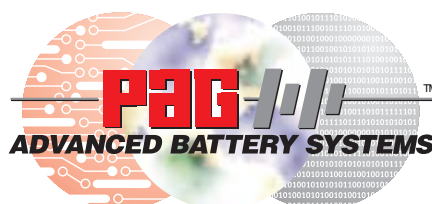
SAFETY

PAG AR Series 2 chargers incorporate many safety features and comply with all relevant Directives for EMC and Safety.

LI-ION UPGRADE KIT

A Li-Ion Chip Upgrade Kit (Model No. 9670:4 for 4-channel chargers and 9670:2 for 2-channel models) is available for AR Series 2 chargers already in the field. It will enable you to charge the PAG L75 and PAG NPH Li-Ion battery packs and also features Automatic Charge Rate Selection.

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Professional Broadcast Equipment

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