



ARES-P II

Order # 70 19 602 000

Digital Hand-held recorder

Features

Solid state recording on PCMCIA memory cards	USB communication port
FAT 16 card format	Large LCD display
Mono or stereo PCM Linear	Internal Speaker
Optional MPEG compression	Phantom Powering
Palm-sized	Self-contained
One-handed operation	Lightweight
Battery powered (6 hours operation)	Reliable

Applications

High quality solid-state recorder, ARES-II is primarily designed for journalists. They use PCMCIA memory cards, recording linear PCM Mono / Stereo audio. Optional MPEG compression allows for a long recording time on a reusable and reliable medium.

The machine works on 5 AA cells or rechargeable batteries, to provide you with more than 6 hours of operation.

A 12 pin DIN connector serves as the microphone and stereo line input.

The recorders work with Nagra mono (NP-MICE Order # 70 19655 000) or stereo (NP-MICES

Order # 70 19656 000) electret microphones as well as standard dynamic microphones. +48V Phantom powering can also be provided for standard condenser microphones.

Really designed to suit radio needs, the ARES-II offers instant start-up, one button recording, take directory, large back-lighted LCD display, powerful Vortex filter, automatic level control, level indication with bar-graph and leds. It also incorporates a dedicated line output connector, and an internal loudspeaker. An optional software authorization gives the ARES-II compatibility with the Digigram environment

A large choice of accessories are available, such as carrying cases and AC Power to meet your requirements.

Compatibility

The ARES-II also offers a USB port. The PCMCIA card will appear as an external disk drive when connected to a PC or MAC using a USB cable. Alternatively the PCMCIA card can be removed and installed directly into a PC / MAC for rapid file transfers from a standards PCMCIA slot.

The FAT file system gives the ARES-II many advantages over its predecessors (ARES-P and RCX220). Individual takes can be erased at any time, Markers can be added during both replay and Record.

PCMCIA CARDS

The ARES-II works with ATA, Strata Flash cards Compact Flash cards and Microdrives.

Specifications

General

Data storage medium	PCMCIA cards, Flash or ATA (type I and II) Compact Flash, Microdrives
Optional Compression types	G.722, MPEG 1 Layer II
A/D and D/A conversion	20 bit Sigma-Delta
Sampling rate	16 - 48 kHz
Bit rate	64, 128, 192, 256 and 384 kbit/s and linear PCM
Mono / Stereo	Switchable in menu
Recording capacity	More than 4 hours on a 256 MB card at 128 kbit/s
Dynamic range adjust	40 dB manual or automatic
Filters	Low cut filter (LFA2) or flat

Inputs

Mic inputs	12 pole DIN connector
Mic powering	+ 50 V NagraStatic-II / Phantom +48V
Sensitivity	From 0.2 mV to 4 mV/hPa
Line input	Balanced, transformerless
Line input sensitivity	0.44 V to 4.4 V for 0 dB recording

Outputs

Headphone	Stereo with level adjustment
THD at 1 kHz	0.1 %
Frequency response	30 – 20 kHz (-3 dB in EE mode)
Total dynamic range	80 dB

Power supply

Internal batteries	5 x "AA" cells
DC Input	DC plug 9V / 5W

Physical

Dimensions	188 x 80 x 28 mm, (7_ x 3_ x 1 inch)
Weight	450 g, (1 lb)

Optional accessories

External accessories

20 19615 000	NP-APAC	AC Power supply, 100-240 V CH
20 19616 000	NA-APAW	AC Power supply, 100-240 V, adaptor's plug, World
20 99191 000	NP-SCC1	« Holster » style carrying case, leather slim line
20 99192 000	NP-SCC2	Soft carrying case for recorder and accessories, XL
70 19655 000	NP-MICE	Plug in electret mono microphone, omnidirectional
70 19656 000	NP-MICES	Plug in electret stereo microphone (XY)
70 19660 000	NP-TRIP	Mini tripod for table-top recordings
20 99142 000	NP-DRAG	Hand strap for ARES- P / RCX220
20 99141 000	NP-CLIP	Clip for holster style carrying case

Cables

70 19665 000	CP-MICM	Mic input cable, DIN 12 pin / one XLR F (1.5m, 5 ft)
70 19666 000	CP-MICS	Mic input cable, DIN 12 pin / two XLR F (1.5 m, 5 ft)
70 19667 000	CP-LINI	Line input cable, DIN 12 pin / two XLR F (1.5 m, 5 ft)
20 19669 000	CP-USB	USB cable

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