



# ARES-P II

Order # 70 19 602 000

## Digital Hand-held recorder

### Features

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Solid state recording on PCMCIA memory cards  
FAT 16 card format  
Mono or stereo PCM Linear  
Optional MPEG compression  
Palm-sized  
One-handed operation  
Battery powered (6 hours operation)

USB communication port  
Large LCD display  
Internal Speaker  
Phantom Powering  
Self-contained  
Lightweight  
Reliable

### Applications

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High quality solid-state recorder, ARES-P 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-P 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-P 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-P 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 standard PCMCIA slot.

The FAT file system gives the ARES-P 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

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

## Specifications

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### 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

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### 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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