



# ARES-C C-PP

Order # 70 19001 000

19" rackmounted version

Order # 70 19501 000

## Radio solid state recorder

### Features

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Solid state recording on PCMCIA memory cards  
Mono or stereo MPEG compression  
Non-destructive editing  
ISDN or Time Code interface

Large LCD display  
Needle modulometer  
Self-contained  
Lightweight and reliable

### Applications

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The ARES-C is a battery operated portable digital recorder-editor that offers rugged performance and outstanding reliability in the field. With traditional ergonomics, the ARES-C features the highly visible analog-style modulometer and illuminated LCD display along with built-in speaker. Weighing less than 3Kg (6,4 lbs), the ARES-C is totally immune to shock, vibration and humidity, and performs in hostile environments with extreme temperatures.

### PCMCIA CARDS

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ARES-P, RCX220, ARES-C and C-PP are working with ATA and Strata Flash cards. Nagra is using a proprietary format « Nagra Format » that allows instant start-up and editing. **ARES Import** (delivered with every ARES) has to be installed on your PC in order to read Nagra formatted cards.

**ARES Import** runs under Windows 98, 2000, NT4 and XP. It includes a media player and a conversion feature that allows to save the files on your computer at any bit rate and sampling frequency. In addition, it can change the file type: RAW MPEG, WAV, BWF. ARES Import allows our cards to be compatible with all Wav compatible systems and Netia, Dalet, RCS, Numysis, Digas.

### ISDN or Time Code option

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**ISDN** (Order # 70 19335 000)

World ISDN Codec compatibility  
Auto answer and Auto record  
On-air, two way "live remote" capability  
Mix live inputs with recorded and edited takes

**Time Code** (Order # 70 19340 000)

Accommodates all current frame-rates standards  
Instant chase-lock synchronization  
Synchronizes to any external sources  
High precision generator with record run features

### Non-destructive editing

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User friendly COPY, CUT & PASTE editing functions are available. The scrub-wheel permits precise location of edit points, and normal « JOG » features. Edited takes use no additional file storage space, just an EDL file is saved on the card and can be loaded into a workstation.

## Specifications

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### General

Data storage medium	PCMCIA cards, Flash or ATA (type I and II)
Compression type	G.711, G.722, MPEG 1 Layer II
A/D and D/A conversion	16 bit Sigma-Delta
Sampling rate	16 - 48 kHz
Bit rate	64, 128 and 192 kbit/s
Mono / Stereo	Switchable in menu
Recording capacity	More than 4 hours on a 256 MB card at 128 kbit/s
Dynamic range adjust	46 dB for 0 dB rec. level (manual) 30 dB for 0 dB rev. level (ALC)
Filters	Low cut filter (LFA2), Speech or flat

### Inputs

Mic inputs	2 x 3 pin XLR's
Mic powering	+ 48 V Phantom, "T"power, Dynamic
Sensitivity	From 0.2 mV to 4 mV/hPa
Line input	Balanced transformerless on 15 pole connector
Line input sensitivity	0.44 V to 4.4 V for 0 dB recording

### Outputs

THD at 1 kHz	0.1 %
Frequency response	30 - 20 kHz (-3 dB in EE mode)
Total dynamic range	85 dB
Headphone	Stereo with level adjustment
Telephone	Banana on 600 Ohms transformer
Telephone frequency response	300 - 6 kHz (-3dB)
AES	3 pin XLR (32 or 48 kHz only)
ISDN option	RJ45 connector

### Power supply

Li-ion pack	15 hours of operation (also works 3 hours on 4 "D" cells)
DC Power	6 - 13,8 V on 4 pin XLR's

### Physical

Dimensions	290 x 220 x 92 mm, (11.4 x 5.6 x 3.6 inch) 2.9 kg, 6.4 lbs (4 cells included)
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The C-PP offers similar specifications in a 19" rackmount unit.

## Optional accessories

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### External accessories

70 19120 000	NA-BB4	Battery Box for 4 "D" cells
70 19111 000	NA-BB8B	Battery Box for 8 "D" cells
70 31110 000	NV-LIB	Battery box with lithium Ion battery pack 65W, with
20 31150 000	NV-PSU	Mains power supply for NAGRA V and charger
20 99190 000	NA-SCC4	Soft carrying case for ARES-C with 4 cells battery box
20 99197 000	NA-SCCXL	Extra large Soft carrying case for ARES-C with 8 cells battery box

### Cables

20 95970 000	CXLR-FM	3-pin XLR Cable male-female 1.5 m (5 ft)
20 95975 000	C-ISDN	ISDN cable 2 m (6½ ft) RG45 - RG 45 direct
20 95974 000	C-LIN-FF	Extension cable 15-pin mini "D" 2 XLR 3-pin female 1.5m (5 ft)

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