



ARES-C C-PP

Order # 70 19 001 000

19" rackmounted version

Order # 70 19 501 000

Radio solid state recorder

Features

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

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

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

ISDN (Order # 70 19 335 000)

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 19 340 000)

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

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

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) |
|------------|--|

The C-PP offers similar specifications in a 19" rackmount unit.

Optional accessories

External accessories

| | | |
|--------------|----------|--|
| 70 19120 000 | NA-BB4 | Battery Box for 4 "D" cells |
| 70 19111 000 | NA-BB8B | Battery Box for 8 "D" cells |
| 7031110000 | NV-LIB | Battery box with lithium Ion battery pack 65W, with |
| 203115000 | 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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