NAGRA

ARES-M Order number 20 70001 000

Hand-held audio recorder / player

Features

Solid-State Recorder	Menu driven
Built-in memory	Long Battery life
USB port	Lightweight ultra portable
Built-in / clip-on Microphones	Built-in loudspeaker
Internal editor	FAT 16 format
External microphone connection	Voice activated recording
Line input	Linear PCM MP2 and MP3

Product description

High quality solid-state audio recorder, the ARES-M is principally designed to be used in any ultra-portable recording situation, and can replace MINIDISK©. Its recording media is a 1 GB built-in memory, for the recording of PCM Mono or Stereo audio. MPEG compression allows for longer recording times. Two "AA" batteries power the unit, offering 10 hours operation.

Equipped with a built-in microphone, it is also delivered with an external clip-on stereo microphone. In addition extra high quality external Mono (omni-directional) and Stereo (Cardioid) clip on microphones are available as additional accessories. A traditional external microphone can also be used thanks to the XLR input cable supplied with the unit.

Designed for radio applications, the ARES-M offers instant start-up, one button recording, automatic level control, internal loudspeaker, voice operated recording, low-cut filter and on-board graphic audio editor.

Compatibility

The ARES-M offers a miniature USB port. Through this connection, the internal memory appears on the "desktop" as a mass storage device (external drive) of the PC / MAC and requires NO additional software or drivers.

Special Features

Built-in loudspeaker	Linear PCM, MP2 and MP3
Stereo Line In / Out	Interchangeable microphones
Built-in graphic editor	Voice operated recording

Technical Specifications

GENERAL

Data Storage medium	Internal 1 GB memory
Recording Method	Digital (PCM) or Digital compression
Compression type	ISO MPEG Layer II / MPEG III
A/D & D/A conversion	24 Bit Sigma-Delta
Sampling Rate	8 to 48 kHz PCM and MPEG
Bit-Rates	64 to 384 kb/s
Mono / Stereo	Switchable
File Format	(.wav) / (.MP2) / (MP3)
Recording time	1h 30m (PCM stereo 48 kHz)

INPUTS

Microphone connection	Miniature Jack
Microphone	-10 dB FS for 74 dB SPL.
Sensitivity	Approx. 200mV for –10dB FS (Dynamic)
Line connection	Miniature Jack
Line Input Sensitivity	150mV – 4.4V for 0 dB FS (Max 8V)

OUTPUTS

Headphone	Jack 3.5 mm stereo connector
Line Output	1 V FS
THD at 1 kHz	0.1 %
Frequency response	30 Hz – 20 kHz (-3 dB in EE mode)
"A" Weighted Signal-to-noise	85 dB

POWER SUPPLY

Internal batteries	2 x "AA" cells
Autonomy	>10 hours

PHYSICAL

Dimensions	125 x 53 x 22 (Without external microphone)
Weight	200g