

CHAPTER 7

SPECIFICATIONS

TECHNICAL SPECIFICATIONS.....	2
RECORDING.....	2
INPUTS	2
OUTPUTS	2
GENERAL	2
SAFETY/COMPLIANCE	3

TECHNICAL SPECIFICATIONS

RECORDING

Data Storage medium	Removable HDD (removable hard disk)
Recording method	Linear PCM
File Format	Broadcast Wave File
A/D and D/A conversion	24 bit Sigma Delta (16 bit or 24 bit word length)
Sampling Frequencies	44.1 kHz, 48 kHz (88.2 kHz and 96 kHz with option)
Recording capacity	1hr of 24 bit 48 kHz per GB of disk space
Level meter	Analogue modulometer(s)

INPUTS

Microphone inputs	2 x XLR (Dynamic, "T" Powering and +48 Phantom)
Microphone input sensitivity	0.2, 1 and 4 mV/hPa
Line inputs	15 pin miniature "D" connector
Line input sensitivity	U_{in} min. for 0 dB = 1.55V U_{in} max for 0 dB = 4.0V
Input filters	"Flat", "LFA" and "SPEECH"
AES input	15 pin miniature "D" connector using special cable
External reference	15 pin miniature "D" connector or BNC.

OUTPUTS

Analogue line output	2 x XLR (0.775V for 0 dB) U_{out} max balanced = 4.4V U_{out} max Unbalanced = 3.2V
THD at 1 kHz	0.1%
Dynamic range	Typ. > 100 dB
Frequency response	30Hz to 40 kHz +0 –3dB
Headphones	Stereo ¼" Jack
Tel output	Banana connectors
AES output	XLR
Time code IN/OUT	5 pin LEMO

GENERAL

Dimensions:	290 x 220 x 115mm (11.4 x 8.6 x 4.5")
Weight	2.75 kg (6 lbs) without battery box
Operating temperature	From –10°C to + 60°C
Relative humidity	From 10% to 99% (non condensing)
Power Consumption	≈ 10W typ.

SAFETY/COMPLIANCE

DECLARATION DE CONFORMITE DECLARATION OF CONFORMITY



FABRICANT: NAGRAVISION S.A. KUDELSKI GROUP, 1033 Cheseaux, SUISSE
MANUFACTURER: NAGRAVISION S.A. KUDELSKI GROUP, 1033 Cheseaux, SWITZERLAND

APPAREIL : Nagra V
MODEL: Nagra V

NORMES GENERIQUES APPLICABLES : APPLICABLE GENERIC NORMS:

EN 55022 Cl. B	Champ électromagnétique rayonné
EN 55022 Cl. B	Radiated electromagnetic field
EN 55022 Cl. B	Perturbations conduites sur secteur
EN 55022 Cl. B	Disturbance voltage on mains terminal
EN 61000-4-3	Immunité aux champs électromagnétique
EN 61000-4-3	Immunity to electromagnetic fields
EN 61000-4-2	Immunité aux décharges électrostatiques
EN 61000-4-2	Immunity to electrostatic discharges

Par la présente nous déclarons l'équipement conforme aux exigences de protection de la Directive européenne 89/336/CEE relative à la compatibilité électromagnétique pour l'environnement commercial et l'industrie légère.

We hereby declare that the equipment conforms to the requirements of the European guidelines 89/336/CEE referring to the electromagnetic compatibility for commerce and light industry.

Cheseaux 1^{er} trimestre 2002
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