
PROFESSIONAL AUDIO RECORDERS

Forensic Science Center of Russian Federation Ministry of Interior approved STC digital voice recorders Gnome-Nano, Gnome 7.0, AVIDIUS mobile and Gnome-P as convenient voice registration devices for the means of further forensic speaker identification. Recording mode recommendations: 16kHz (or higher) for sampling rate, no compression.



GNOME-P

Pocket stereo digital voice recorder

HIGHLIGHTS

- High recording quality ensured by 16 bit ADC (analog-to-digital converter) and highly sensitive microphones
- 75 dB certified SNR (signal-to-noise ratio), which allows recordings to be used for forensic examinations
- 80 dB dynamic range
- Supplied with 8 GB (Build in memory).
- Recording time up to 280 hours.
- Gnome-P software for MS Windows (XP, 7) allows setting of data protection and PIN codes
- Recording can be activated by voice, manually or by 5 embedded timers/ Voice activation is easily adjusted via graphical user interface displaying current signal levels. It is possible to set different threshold levels for each channel.
- Recorded data protection
- Noise suppression
- Slim and strong metal case of 75x48x12,5 mm
- The weight is 70 g
- Digital signature protects recorded data against modification
- Files' recording into the built-in memory through the USB-drive is impossible

APPLICATIONS

- Police and other Law Enforcement Agencies: recording during special operations and inside police patrol cars.
- Security companies: recording inside cash-in-transit vans and other recording applications for safety reasons
- Emergency services (fire, ambulance, rescue): rescue operations tracking and recording inside rescue vehicles
- Legal practices and institutions, businessmen, reporters, etc.: recording of important conversations



"Security Benchmark" award and the 1st place diploma of the "Security and Safety" international forum in St.-Petersburg, Russia

GNOME 7.0

Professional compact digital stereo voice recorder

FEATURES

- Equipped with all the original SpeechPro features (noise suppression, playback speed adjustment without voice pitch distortion)
- 2 recording formats: PCM (without compression) and A-law compression
- Slim, protective metal casing
- Resistant to detection and jamming
- Recorded data protection
- PIN code login
- PC software to data access
- Supplied with 4GB of internal memory and additional SD/SDHC card slot.
- Digital signature protects recorded data against modification
- Equipped with remote control, internal speaker and external stereo microphones
- Vocal information recording from a telephone line
- Authentication of the recording is done through the "watermarks" implanted in the audio signal

APPLICATION

- Law enforcement agencies: capture voice and sound during special operations, in police vehicles, etc.
- Security providers: capture voice and sound for safety reasons, e.g. inside cash-in-transit vans
- Emergency services (fire, ambulance, rescue): capture voice and sound during rescue operations and inside rescue vehicles
- Professional services (legal, medical, business, journalism): record meetings, consultations and interviews



GNOME-Nano

Subminiature stereo digital voice recorder

FEATURES

- Continuous high-quality mono and stereo recording with or without compression using a built-in microphone and/or one or two external microphones in the integrated flash memory
- Automatic and manual gain control
- Recording started/stopped manually or automatically (by signal level / timers)
- Recording format: files *.wav
- Built-in battery rechargeable from power supply (AC/DC 220V/50Hz) or USB computer interface
- Digital signature protects recorded data against modification
- Authentication of the recording is done through the "watermarks" implanted in the audio signal
- Files' recording into the built-in memory through the USB-drive is impossible



"Guarantee of Quality and Safety" medal at international forum "Interpolitex" in Moscow

AVIDIUS-mobile

Professional portable digital video/audio recorder

APPLICATION

- Law enforcement agencies: recording during special operations, in police cars, etc.
- Emergency services: tracking of rescue operations inside vehicles.
- Legal practices and institutions, businessmen, etc.: recording of important conversations, lectures and interviews operations.

FEATURES

- Continuous high quality digital syn-chronous recording of video and audio information from a miniature video camera and microphone with or without compression using a built-in microphone and/or one or two external microphones in the integrated flash memory
- Video / audio recording started/stopped manually or automatically (by signal level / timer)
- Recorded information may be copied from the recorder's memory to computer using USB interface
- An additional direct-current power supply can be used to increase the operation time of device
- Built-in battery rechargeable from power supply 110-220 V
- Digital signature protects recorded data against modification
- Files' recording into the built-in memory through the USB-drive is impossible



TECHNICAL CHARACTERISTICS

	Gnome Nano	Gnome P	Gnome 7.0	AVIDIUS mobile
Typical application	Covert recoding	Extended Covert Recording	Recording of business negotiations	Recording of both audio and video of business negotiations
Size	50x36x7,6 mm 1.85x1.34x0.23 inch	75x48x12,5 mm 2.87x1.85x0.5 inch	114x39x19 mm 4.48x1.3x0.46 inch	112x59x15.8 mm 4.40 x2.32x0.62 inch
Weight	30 g 1 oz	70 g 2.4 oz	125 g 4.5 oz	180 g 6.3 oz
Settings available via	Gnome Manager software or STC Player	Gnome Manager software or STC Player	Manager Gnome 7.0	STC Player
Listening via	PC (last recording can be played back from the recorder)	PC (last recording can be played back from the recorder)	From the recorder or PC	From the recorder or PC
Power supply	Li-Pol battery (9 hours)	Li-Ion battery (30 hours)	2 "AAA" batteries (24 hours)	Li-Ion battery (1,5 hours)
Memory	Built-in memory (2 GB)	Build-in memory (8 GB)	Build-in memory (4 GB) (micro SD up to 32 GB)	(1,5 hours) Built-in memory (12 GB)
Sampling rate	8, 16 kHz	8, 16 kHz	8,11.025,16,22.05,32, 44.1,48,96 kHz	8, 16 kHz
Activation	Switch 5 timers, Voice activation	Switch 5 timers, Voice activation	Switch 5 timers, Voice activation	Switch 5 timers, Voice activation
Video standard	–	–		PAL, NTSC
Picture resolution				720x576
Video compression algorithm	–	–		JPEG2000
Frame rate	–	–		PAL - 1...25 fps NTSC - 1...30 fps
Video bit rate	–	–		1...20 Mbit/sec
Approximate maximum recording time	PCM16, stereo – 8,5h with 2x compression, mono - 70h	PCM16, stereo – 35h with 2x compression, mono - 280h	PCM16/24, stereo, 4GB – 17,5h with 2x compression, mono - 140h	PCM16, stereo
Min/max operating temperature	-5 to + 40°C +23 to + 104°F	-5 to + 40°C +23 to + 104°F	-5 to + 40°C +23 to + 104°F	- 5 to + 40°C + 23 to + 104°F
Features	Digital signature, PIN-code, Noise suppression	Digital signature, PIN-code, Noise suppression	PIN-code, Noise suppression, Sound stretcher	Digital signature, PIN-code



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