



GCT-Corder

Voice Recording System

Product Overview

Record All Your HF/VHF/UHF and Telephone Calls Automatically

- Standard 2 , 4 or 8 channel Formats
- Remote monitoring live over a LAN network
- Live monitoring while recording through built in speaker
- Date & Time stamped recording
- Sort recordings by date, time and channel
- Save recordings as OGG / WAV
- Easily installable and user-friendly windows based software interface
- Easy to perform backup of selected files to any storage media like USB storage, CD, DVD and external hard disk file
- Front Panel LED status Indications
- Multi-level user and admin passwords

GCT Communications Recorders and software are designed to meet the specialized needs of public safety and other critical communication users. It runs on embedded Linux platform and fully meet the needs for Safety & Security Recording through extensive compatibility with various communication systems.

GCT-Corder is a compact, standalone, self contained 2, 4 or 8 channel voice logger. It consists of an In-built hard-disk for continuous for 24/7 uninterrupted recording. LEDs for various status indication is also provided. It also comes with Ethernet interface to connect to PC for voice record retrieval, search, playback and backup and USB port for direct downloading of selected recorded files in USB drive.

It records all of your calls automatically. It can record the following communications

- Analog telephone lines
- HF/VHF/UHF Transceivers
- 2 /4 Wire E&M
- Any other compatible analog audio source

The **GCT-Corder** store the date and time stamped conversations on its internal hard drives without any need to be connected to a host PC or Server on LAN. These audio recordings stored on the recorder's hard drive can be accessed through its LAN port for Monitoring, Playback, Analysis and archiving. **GCT-Corder** is capable of local playback through its built-in 2 Watt audio amplifier and speaker. Playback, Set-up and archiving functions can be accessed either through a standalone PC Software or with the Recorder directly.

The PC based application can be used to manage various hardware and software options like configuring voice logger parameters, monitoring alarms, play, sort and search the recordings, transfer recordings for archiving from the **GCT-Corder** hard drive to the external hard drive, USB Drive or CD recorder or on the PC hard disk etc.

The GCT-Corder have capability of being accessed and controlled over the LAN and permit features like retrieving recorded files, live remote monitoring of a conversation etc..

The GCT-Corder have security and file system encryption features with multi-level user and admin passwords to prevent unauthorized access to the recorder parameters and recorded audio data.

Easy to Use

GCT-Corder records all calls for review either immediately after the end of conversation or at a later time from the voice logger or from PC

Easy to Install

Modular connect cables, LAN Cable, AC-DC adapter and user manual are supplied with each GCTCorder.

Find Calls Quickly

Searching for specific conversations is as easy as recording. Searching could be through time and date and channel. Since recordings are stored digitally, they can be randomly accessed during playback. Playback recordings by using either the built-in speaker or on PC through LAN connection. Playback does not interfere with recording.

Manage Your Conversation Database

Conversations are stored efficiently and securely as digital files on a built-in hard drive. It is not possible to delete any records or format the hard disk without special privilege permission.

Once all available storage on the built-in hard drive is exhausted, it will continue to store new conversations by automatically overwriting the older calls.

Recordings can be backed up directly from the voice logger through its USB port.

The PC interface software allows one to manage, analyze and archiving recordings with any PC and convert them to standard WAV files for easy sharing with clients or colleagues. Any PC can be used to copy the recordings to hard drive, USB drive, CD or DVD media for almost unlimited storage.

Recording files transferred from the GCTCorder to a PC can be played on any PC with a sound card. The file formats are converted without loss of quality. No special software is required for playing recordings that have been saved to your PC using the PC interface software.

Live Monitoring

Live monitoring of on going audio conversations at any channel is possible via the built in speaker of voice logger or by inserting audio jack with headphone. Live monitoring of a conversation at any channel is also possible through a PC using PC interface software. Monitoring does not interfere with recording.

Features:

- Standard 19" desktop form factor with 2, 4 or 8 channel Formats
- Modular Design with built hard-disk, and speaker
- Programmable selection of VAD, COS, off hook to trigger call recording
- 24x7 Continuous Recording (or optional date-time scheduling).
- User-configurable voice logging and call recording with functions like start/stop recording
- Remote control and monitoring live over a LAN network .
- Signal Processing and advanced audio compression
- Stores date and time stamped voice record in universally accepted OGG ,WAV, MPE3 format
- Allows flexible search & playback of voice records as per date, time, and channel etc.
- Sort recordings by date time and channel
- Archive /save recordings as OGG / WAV /MP3 files write to external CD /DVD/ USB Drive.
- Non-intrusive, live and real-time monitoring of recordings in progress
- User-friendly windows based software interface .
- Easy to perform backup to any storage media like USB pen drive, CD, DVD.
- Front panel LED status Indications of every channel
- Various alarms

Technical Specifications

- Audio Channel : 2 Channel / 4 Channel / 8 Channel
- Audio Compression : OGG ,WAV, MPE3 (User Programmable for each Channel)
- Sampling Rate : 8000 / 16000 / 44100 / 44000 samples per second
- Trigger Mode.: COS/Off hook/ VAD mode with programmable threshold level for Radios.
- Storage capacity :Recording more than 10000 Hours (on a 1TB hard disk)
- Connectivity: Ethernet 10/100 BaseT RJ 45, USB
- Frequency Response 300-4000 Hz (+/- 3 dB) Analog Input
- Impedance 600 Ohm
- Cross Talk Better than 40 dB
- Distortion Less than 3%
- Signal to Noise ratio Better than 40 dB
- Recording Sensitivity Better than 40 dB
- Temperature Operating: -10 °C to +55°C
- Storage: -10 °C to +70°C
- Power 220 V, 50 Hz, AC +/- 20% @ 30 Watts Max OR 12 – 28V DC from battery or AC/DC adapter.
- Mounting 19" Rack
- Optional : Display 4 Lines Alphanumeric / Graphic Monochrome Display



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