DIGITAL AUDIO RECORDER

DAR

Digital Audio Recorder (DAR) is a state of the art solid-state recording and replaying system to record / replay audio and voice-band data signals for surveillance purposes. It is a HDD/ CD based multi channel audio recorder developed on 19'' rack mountable Pentium-IV rugged industrial PC platform with 3U height and .wav, .mp3 and .dat format support. The input to the system can be from Telephone lines, radio receivers or microphones. The input signal is digitized and stored in the hard disk / CD ROM of the system for a later replay / transmission. A rich set of features are provided through a GUI for operations such as record / replay, give text annotation to a file being recorded, search for a file in the Hard disk / CD ROM based on date, time of recording or text annotation file name etc.

System Specifications

- Operating power supply: 230 V; 50 Hz +/- 2Hz
- Dimensions: 19'' rack, 3U / 4U height, industrial PC or a Desktop PC.
- Operating temperature: -10^0 to 55^0 C
- Display: LCD display (built in) along with connectivity to an external monitor
- Storage media: Hard disk / CD ROM / Flash Drive
- Input: Audio Voice band data signals up to 20 KHz bandwidth.
- Sampling rate: Up to 44.1 KHz.
- No. of Channels : The DAR can have a maximum of 8 channels.

NOTE : The specifications can be changed without notice due to technological advances.

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Salient Features

- Stand alone unit.
- Total Indigenous Technology.
- Audio input from any analog source (Microphone, Tape Recorder, Radio/Telephone line).
- Channels are independent of each other.
- Simultaneous Recording and replay.
- Dynamic Channel selection for replay.
- Selection of part message.
- Interface like to that of a media player.
- Automatic Date / Time stamping for recorded file.
- Text annotation size can be more than 180 characters.
- Provision to give text annotation for each channel while recording is in progress,text annotation can be up to 1024 characters.
- Waveform display for each Channel.
- Searching for a file using either Date/Time or annotation.
- Operating System: All Windows flavors, Unix / Linux and Solaris

Potential Users

- Government security departments (Police, Intelligence Beauro, etc.,)
- The Defence organisations
- Private Security Agencies & Call Centers
- All Organisations to monitor confidential calls and sensitive information through tele network.
- Organisations who wish to keep the tele conversations for reference and archival purpose

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