



**Single or multi-channel** recording from microphone channels and telecommunications lines simultaneously

Options for **remote control** and remote management

**Special voice** recorder functions

**Processing and management** of recordings

**Recording and management** functions

**Security** functions

**Telephone answering** machine functions

## About the application and major functions of the ABSONIC voice processing system family

### Voice recording is necessary to appropriate information management, competitiveness and security!

Everyday economic processes are driven by information, and generate information. A major part of daily information flow is voice or speech of personal talks (meetings, presentations, etc.) on one hand, and of telecommunication devices (telephone, cellular phone, etc.) demanding no personal presence, on the other.

**Recording, storing, processing information** has a significant role in competitiveness, cost reduction, increasing revenues, and also in supporting the activities of state administration and authorities. By this way **time, energy and money can be saved**, while security and interest protection can be enhanced as well.

- Activities of managers, secretaries, administrators, **time and work management**, dictation (making records of meetings).
- Manually controlled or automatic recording of **meetings, talks, presentations** by microphone.
- Manually controlled or automatic **recording of telephone**, cellular phone and two-way radio conversations.
- **Pre-programmed** (date and time) automatic recording of microphones and telephones.
- **Messages** for colleagues or other individuals.
- **Hearings**, phone calls of public interests (police, court, local governments, round-the-clock duties, customer services, complaint-services, emergency calls, etc.).

By this secondary application the **ABSONIC** turns existing computers into a virtual voice recorder with wide range of functionalities.

### Major recordable audio sources

- **Microphone(s)** and network of microphones.
- More hundreds **analogue** or 1-8 **ISDN2** telephone main lines and extensions of exchanges.
- **VoIP** telephone lines.
- Most of the **cell phones** with a variety of technical solutions: software, headset, GSM terminal adapters.
- Other analogue or digital audio sources: CD, DVD, MP3 player, analogue or digital voice recorder, USB RAM, TV, radio, tape recorder, etc.
- Two-way radio sets.

### Recording and management functions

- **Mono or stereo** recording with START-STOP-PAUSE-FAST FORWARD and REWIND functions.
- Recording in **overwrite** and **insert mode**.
- Selectable individual recordings **can be concatenated in any sequence**.
- **Time markers** (flags) are available before, during and after recording.
- Mutual **exchange of audio files** with portable digital recorders (digital upload through serial or USB port).
- **Automatic recording** started and stopped upon beginning and end of (microphone or telephone) communication respectively, or started/stopped by audio signal or pre-programmed start/stop timing like those of video recorder.
- **Recording triggered by pushing a button** on the phone or cellular phone, controlled by detected DTMF codes
- The recording can be followed and **monitored by real time listening**.
- The **caller number can be included** in data record.
- Playing a **pre-configured warning** about the fact of recording (the function can be toggled on and off).
- **Individual internal phone book**: list of addresses/contact data can be produced in advance or linked to callings.
- During the recording the **computer generally can perform other operations**.



### Options for remote control and remote management

- The **ABSONIC** system can be **controlled by external devices**, functions depending on the control device.
- The **foot pedal** supports writing the minutes of a meeting from the recording.
- The **GAMEPAD** provides a simple remote control.
- The telecommunication adapters with **UTP** interface can be connected to computer network anywhere.
- The telecommunication USB and UTP adapters can be triggered **by switching signal** in each channel.
- The **remote access/control through the network** is also available (TCP/IP).
- Using WINDOWS remote desktop, PC ANYWHERE or VNC software facility all functions of the software can be controlled via suitable telecommunication or internet connection/channel **from another building** or settlement or even from abroad.
- Basic software functions can be controlled via **infrared** and **Bluetooth remote control device**.
- The **special wired voice recorder remote control** with USB interface can be very useful in case of dictation in office, at police questioning, at hearing, especially since there is no need to access any other computer peripherals except the monitor being in sight.



### Processing and management of recordings

- The desired **virtual and hierarchic cassette- and folder structure** can be created and organized/named.
- Stored **virtual cassettes** and recordings can be re-named, deleted and moved.
- **Data stored with the recordings**: date, time, title, operator, short comment, time marker (flag) texts, document created from the recording, caller and called number (called person's name).
- Recordings can be typed and assigned to the records as minutes, memo or task assignment using both hands with the **help of foot control**, thereby the evidential effect of the minutes enhances.
- Replay speed is can be **slowed down** and **speed up** to make it more perspicuous, or for faster search.
- Full text search is available for any recording data.
- **Automatic and manual archives** on desired storage device to save the recordings.
- **Recordings can be transferred** or copied by means of a transfer list to DVD, CD, floppy disk, USB RAM, normal or dictaphone cassette, digital voice recorder, hard disk, MP3 player, etc.
- Recording format of ABSONIC system is special and unique, the file name extension is **AB2**, thus files **cannot be modified**. MP3 and WAV file format is also available to facilitate playing back on generally used players. The recordings made in **AB2 format can be converted** to other formats (e.g. OGG, WMA, MPEG4, PCM, AAC, etc.).
- The ABSONIC is able to handle the existing English (and some other) language(s) **speech recognition** software (automatic text from speech, speech-to-text).

### Telephone answering machine functions

- **Standard** telephone **answering machine** functionalities with several, pre-configurable welcoming and answering words and freely adjustable length of recording.
  - Easy office configuration for **incoming and outgoing message management** system.

### Security functions

- Hardware key (dongle) protects the ABSONIC v2.0 software against illegal access, copying and data.
  - A **multi-user configuration** option is available, access authorization can be set for individual users.
    - **Simultaneous recording** on two hard disks.
    - **Protection of recordings** is provided by unique verification codes to facilitate authenticity and genuineness
  - To facilitate tracking every user activity, log files are protected against unauthorized deletion.
- **Protection against user's tampering** with the contents of the system.
  - **A variety of alarms can be set**: for the case of reaching the adjustable lower capacity level of storage device or partition; for the idling system; for power supply failure and return.
- On demand the system can **send e-mail messages upon the alarms**.
- Upon unexpected computer reboot the recording **system automatically restarts** and goes online.



### Hard copy service

- **Wide range of printing options:** list of audio recordings, log files and the internal phone book

### Accessories and add-ons

- **Telecommunications adapters** and several microphone accessories ensure to satisfy a wide range of customer requirements. Such accessories are external controlling devices; telephone, cell phone and two-way radio adapters, MP3 players, analogue and digital voice recorders, mobile phone accessories, head-sets, microphones (conference microphones, tie-pin microphones, special inner ear telephone pickup, wireless microphones, and hand-held or desk-top microphones), mixers.
- The telecommunication adapters meet the **international requirements** and standards.
- Accessories and add-ons are **sold only along with our software**.

### Commercial and sales information

- The ABSONIC system is applicable in a variety of computer- and/or telecommunication environment where the ambient conditions are very complex. Therefore, prior to system installation it is expedient to **consult our specialists** there by avoiding any mistaken purchase.
- The ABSONIC v2.0 software system is structured of options according to functionalities provided. This facilitates meeting a variety of needs while providing the **lowest possible prices in accordance** with actual needs.

### System support

- The **installation of the system is relatively easy** but the involvement of a suitably qualified IT expert, experienced in multimedia applications is recommended, although our company is also at the customer's service in this area.

### System architecture:

- New or existing computer with ABSONIC v2.0 software, microphone and telecommunications accessories.

### Variety of recording modes:

#### Recording voice over microphone

Necessary software and hardware:  
Appropriate **Absonic v2.0** software options,  
microphone, computer\*, speaker or earphone.



#### Recording conversation over cellular phone's headset

Necessary software and hardware:  
Appropriate **Absonic v2.0** software options,  
computer\*, appropriate cellular phone, special headset.

#### Recording conversation over telecommunications line (analogue, ISDN2, VoIP, Two-way radio)

Necessary software and hardware:  
Appropriate **Absonic v2.0** software options,  
computer\*, appropriate telecommunication device,  
appropriate telecommunications adapter.

