

# TeleCorder

## two & four channel voice logging recorders

stand alone with built-in player plus remote access via LAN and USB

Cost-effective solution to record conversations from phone lines, phone sets, two-way radios, etc.



TCwL-2F  
TCwL-4F

## TeleCorder

Two and four channel recorders with internal hard drives provide call playback using either their built-in control panel and speaker, or from a PC using USB and LAN connections.

### Record All Your Phone Calls Automatically

If you depend on phone or two-way radio conversations for the success of your business, the **TeleCorder** is the tool for you — it will record all of your calls automatically. To ensure accuracy and proper follow-up, use the **TeleCorder** to log all of your appointments and business discussions. The **TeleCorder** maintains a database that allows you to access your important calls by caller ID (from phone lines), dialed digits (DTMF), length of conversation, and date plus time of day. The **TCwL** recorders store conversations on their built-in hard drives. They are available with either two or four channels (ports).

**Easy to Use** — **TeleCorder** records all calls for review either immediately after the conversation ends, or at a later time — from a window on your PC (simple plug-and-play connection using the supplied USB or LAN cables) and/or the built-in LCD display, keypad, and speaker or headset.

**Easy to Install** — External AC power supply, modular phone cables, USB & LAN cables, PC Software and Owner's Manual are supplied with each **TeleCorder**. If you are not connecting to phone lines, accessories are available to enable quick and easy installation to telephone sets and two-way radios. For example, the TSA-3LM or TSA-SLM can be used to record conversations from single or multi-line phones, analog or digital, via their handset or headset jack.

**Find Calls Quickly** — Searching for specific conversations is as easy as recording. You can search by time and date, channel or phone number (if caller ID or DTMF was available).

Access your important recordings using a PC via USB and LAN, plus the built-in control panel & speaker

Since recordings are stored digitally, they can be randomly accessed during playback. The display also indicates elapsed and total time of each recording so that you can seek out specific parts of long conversations. Playback, using the built-in player or via the USB or LAN connection to a PC, does not interfere with recording.

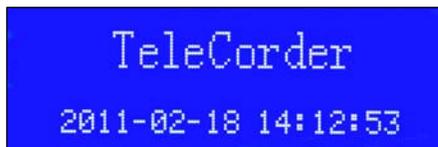
### Manage Your Conversation Database

Conversations are stored efficiently and securely as digital files on a built-in hard drive (up to the most recent 65,000 recordings or 7,200 hours of talk time). Recordings from the built-in hard drive can be easily transferred to your PC through USB or LAN (network) connections.

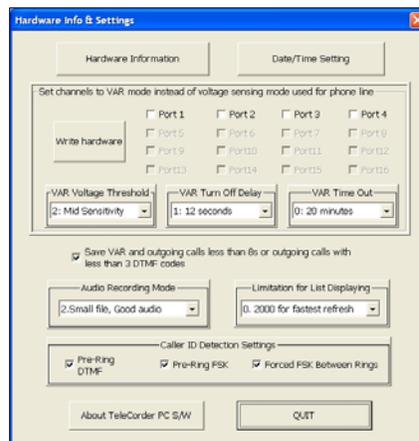
For sensitive applications, passwords can be used to stop others from listening to your conversations. If you fill up all available storage on the built-in hard drive, it will continue to store new conversations by overwriting the oldest calls. Software supplied with the recorder lets you manage recordings with your PC and convert them to standard WAVE files for easy sharing with clients or colleagues. You can also use your PC to copy the recordings to its hard drive, USB drive, CD, DVD, Blu-ray, etc.

### Stand-alone or PC Operation

**TeleCorders** with internal hard drives and control panels operate entirely on their own and do not



require a PC for operation. While playback and set-up functions can be made using the built-in key-pad and LCD display with LED backlight, most users find it more convenient to manage the **TeleCorder** from a PC using the supplied software and USB or LAN cables. To manage the **TeleCorder** or the recordings stored in the recorder from the PC, simply open the **TeleCorder** program on your PC and you will be ready to play, sort and search the recordings, change passwords, set time and date, print out



They store the most recent 7,200 conversation hours for immediate and archival playback

lists of recordings, convert the recordings to .wav files, copy the recordings from the **TeleCorder** internal hard drive to the hard drive on your PC, manage hardware and software options, etc.

The recorders are designed for continuous operation and do not have a power ON/OFF procedure. Simply plug it in to start recording.

### Compatibility: Key to Ease of Use

Recordings that have been transferred from the **TeleCorder** to a PC or server can be played on any PC with a sound card. The file formats are converted without loss of quality and can be sent by e-mail or copied to storage media such as thumb drives, CD or DVD disks. No special software is required for playing recordings that have been saved to your PC as .wav files.

**TCwL** recorders also feature the ability to access the recordings and perform administrative functions via their Network connection (LAN). Via the LAN, you will also be able to monitor active conversations (one conversation or channel at a time), to manually or automatically copy the recordings to your PC, to manually or automatically synchronize the recorders internal time and date clock via the network connection, and to calibrate their internal time base accuracy.

### ACCESSORIES

The recorders come with 18' modular telephone style cables (one per channel) for connecting to either standard single line RJ-11 or dual line RJ-14 telephone jacks.

Recording a phone line will document all conversations on that line in the building, one channel per recorded line. You will not record intercom conversations between phones and will not know what phone is using the line.

If you are connecting to multi-line or digital telephone sets, the TSA-3LM is the most popular and least expensive adapter to record all conversations on most phones. One recorder channel/port per phone. If you want to manually disable recording for personal calls, use the TSA-SLM adapter. Use the TSA-2A1 on phones without sidetone.

If recording two-way radio audio where receive and transmit audio are not available at a single connection point, Radio Supervisory Adapters are available to help with mixing RX and TX audio from the radio.

Contact your **TeleCorder** representative for assistance in the selection of a recorder and accessories that will exactly match your voice logging recorder application.

**Compact, economical recorders that document every word of your important conversations — they are inexpensive to purchase, simple to install, and easy to operate.**

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# TeleCorder: Models TCwL-2F and TCwL-4F

automatically record from one, two, three, or four sources of conversations with quick playback, live monitoring from LAN, and archival storage

- ★ Simultaneously record and play back
- ★ Self-contained, does not require a PC
- ★ Can be controlled from a PC via USB & LAN
- ★ Simple plug-and-play installation for most phone and two-way radio applications
- ★ Highly efficient, consumes less than 5 watts
- ★ Recorders include software to copy/archive recordings to PC via USB and LAN
- ★ Includes detailed installation and operation manual (both print copy and .pdf on CD)
- ★ Connects to phone lines, phone instruments, and other line level audio sources
- ★ Economical to purchase, install, and use
- ★ Ideal for long term unattended recording
- ★ High quality audio recordings
- ★ Record from 1, 2, 3, or 4 sources of audio
- ★ Passwords (3) to avoid unauthorized access
- ★ Email and save calls in .wav or .up format
- ★ Easily archive calls to PC manually or on a scheduled basis via LAN/WAN or USB
- ★ Monitor live conversations via LAN
- ★ View which channels are active via LAN
- ★ Available in 2 or 4 channel configurations
- ★ Connect one channel to each source of conversations — single or multi-line phone, phone line, two-way radio, etc.
- ★ Caller ID and dialed numbers (DTMF) are displayed with time, date, and length of call when recording from phone lines
- ★ They record digitally (direct to built-in hard in compressed .up file format)
- ★ Recording starts and stops using automatic voice-activation or phone line status ( $\Delta$ DCV)
- ★ Automatic or manual archiving of recordings and time synchronization to PC via LAN
- ★ Record from telephone handsets, either analog or digital using handset adapter
- ★ Record from analog telephone lines and extensions - stores caller ID & DTMF numbers with the recordings
- ★ Record from 2-way radios or other sources presented as two-wire analog audio or use available accessories to combine receiver and transmitter audio to a single recorder channel

## Many Applications

- ★ Emergency call centers, medical offices
- ★ Banks and other financial firms
- ★ Service firms such as airlines, taxi control centers, pizza delivery, towing firms, etc.
- ★ Private individuals with lots of business contacts or less than perfect memory
- ★ Insurance agencies, insurance adjusters, collection agencies, concrete plants, etc.
- ★ All firms that need to document important conversations and be able to verify details of verbal agreements



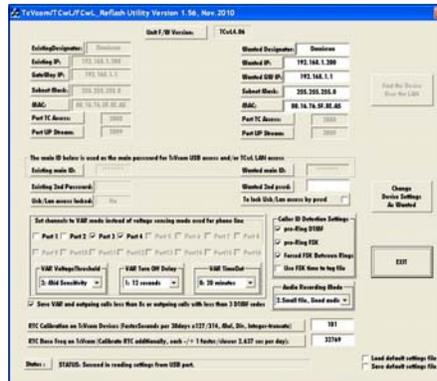
Front with speaker, LCD display, & keypad



Back with input and output connections

ITEM	PORT	CALLER #	DALED #	DATE (year-month-day)	TIME	DURATION
1				07-09-09	13:50:45	1"
2	1	5045458770		07-09-09	13:43:00	0'19"
3	1	9734823824		07-09-09	13:37:32	1"
4	1			07-09-09	13:54:00	41'30"
5	1			07-09-09	13:34:21	1"
6	1		1483484232	07-09-09	13:33:13	43"
7	1	0		07-09-09	11:50:33	3"
8	1			07-09-09	11:45:00	3'42"
9	2		18887413737	07-09-09	11:47:06	1"
10	1			07-09-09	11:40:45	1"
11	1			07-09-09	11:38:56	3"
12	1	9287295123		07-09-09	11:33:00	4'18"
13	1			07-09-09	11:33:42	2"
14	1			07-09-09	11:28:02	1"
15	1	5289188291		07-09-09	11:28:00	0'38"
16	1			07-09-09	11:19:52	1"
17	1	0		07-09-09	11:15:00	3'12"
18	2			07-09-09	11:14:49	2"
19	1			07-09-09	10:58:27	1"
20	1	5188484857		07-09-09	10:46:00	11'01"
21	1			07-09-09	10:46:29	2"
22	1		14816412244	07-09-09	10:11:18	34'32"
23	2			07-09-09	10:05:54	2"
24	1			07-09-09	10:05:00	1"

Recording list as viewed on a PC



Reflash Utility used to configure from PC



PC playback buttons include two levels of AVA and single click copy to PC button

LAN access from PC is also used to set auto-sync time/date at launch time and daily at noon-time, interval for auto up-load and refresh of recording list, auto back-up of recordings to PC folder, manually searching and copying single or multiple recordings to PC, etc., etc., etc.

Available From:

## TeleCorder Models

**TCwL-2F** Two channel, internal HDD, USB, LAN

**TCwL-4F** Four channel, internal HDD, USB, LAN

## Specifications

Temperature: 0 to 40 degrees Celsius

Humidity: 10% - 90%

Digital Encoding: Selectable; A-law PCM,

G.726 2 bit ADPCM, G.726 3 bit, ADPCM

8 bit linear PCM Frequency Response:

340-3400Hz, +/- 3db

Connections: RJ-11/RJ14 line inputs,

USB 2.0 (12Mbps)

Recording Trigger: Phone line off-hook voltage

<20VDC>, VOX from 0.1Vpp to 0.8Vpp

Line Impedance: >10M ohm DC, >10K ohm AC

Ringer Equivalence: less than 1.0

Approvals: FCC Part 68 & Part 15, UL, CE

Caller Number Identification: FSK/DTMF

Number of Channels: TCwL-2F two channels

Number of Channels: TCwL-4F four channels

Capacity: TCwL-2F and TCwL-4F

7,200 hours, 65,536 files, on HDD

Security: Password (3), Master, PC, & keypad

Display: Built-in, 2-1/8" x 3/4", backlit LCD and

on PC via USB or LAN access

Speaker: TCwL-2F and TCwL-4F

Built-in, with external audio jack

Size: TCwL-2F and TCwL-4F

6-5/8" x 8-1/2" x 2-3/8", 3.7 lb.

Power Requirements: Supplied UL listed 100-

240V AC external power adapter with

110V AC power plug for North America

5VDC, 2A output

Supplied accessories: Software on CD (for

Win 2000, XP, Vista, Win-7, Win-8 32/64),

AC adapter, phone line cables, USB

cable, LAN cable and printed manual

Guarantee: Twelve month, limited

Mfg. by: Beijing ChangXing Co., Ltd., China

Distributed in USA by: Omnicron Electronics,

554 Liberty Highway U-2, Putnam, CT 06260

Phone: (860) 928-0377, Fax: (860) 928-6477

To prevent tampering, the recorder can be placed in locked cabinet, equipment room or supervisor's office with remote access to the recorded conversations via LAN. Passwords can be used to restrict remote and local access to recordings and administrator functions.

Contact your **TeleCorder** representative for assistance in the selection of a recorder and accessories that will match your application. Prices and specifications are subject to change.

## Restrictions —

It is illegal in the USA to record conversations unless at least one of the participants is aware that the conversation is being recorded. The user should check state and local laws, and is responsible for the lawful use of audio recorders.