Totally self-contained, affordable, compact, easy to install, operate, upgrade, maintain and purchase.

**Compact Desktop or Rack Mount:**
Provides recording for up to 92 channels. You can monitor conversations live, play back, and copy to CD/DVD and optional Blu-ray disks.

**Multiple Recording Inputs:** *Total Recall* will record from any line level audio source on a channel selective basis, including telephone, two-way and broadcast radio, microphone, intercom and more. It is also possible to ‘live monitor’ conversations. Analog inputs are standard modular phone jacks that are compatible with a wide variety of accessory cables and adapters, such as the inexpensive TSA-3LM and TSA-SLM for digital phones. *Total Recall MAX* and *Desktop Server* can be configured for recording via direct connection to SIP, VoIP, ISDN T1, E1, and PRI data ports.

**Play Back Options:** Selected recordings can be replayed via an internal speaker, an external speaker or headphones. For replay on a PC, *Remote Manager* software plays recordings from archive CD/DVD/Blu-ray or LAN/WAN. It also enables the transfer of recordings as .wav, .mp3, or encrypted .trc files via email and copies them to your PC.

**Archive for Security:** Calls that need to be retained for longer periods can be automatically or selectively archived to an internal drive using CD or DVD media and kept indefinitely. Individual calls, or groups of calls, may also be manually selected or tagged and copied to a disk. An inexpensive CD-R will hold up to 180 conversation hours, a DVD+RW disk holds up to 1,000 hours, and the optional Blu-ray disks hold 6,000 hours. Selected recordings can also be copied through a network connection and converted to .wav or .mp3 files.

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**Large Capacity Database:** If a dispute or emergency arises, you can recall relevant recordings from the *Total Recall* database which holds up to 60,000 channel hours of conversations. Recordings can be selected by date, time, phone number or channel number for rapid retrieval and replay.

**Record on Demand** (ROD) is required.

**Five control keys for playing calls:**
- Fast rewind through a call.
- Stop.
- Play the current selected call. Pause and restart.
- Fast forward through a call.
- High speed fast forward.

**Numeric keypad and LEDs:**
0 to 9 number keys, including ★ and # are used for entering passwords, search information, tagging calls, and other data entry functions. Red LED for hard drive activity. Green LED to indicate operational status.

**Simple navigation keys:**
- MENU key is used to toggle through the three main menu screens. SELECT key is used to select an option, or toggle through a list of options.
- UP/DOWN ARROW keys move the highlight bar up or down.

**Which Total Recall meets your needs?**
- **TRL series** for 4 to 24 Analog channels.
- **TRR series** for 4 to 72 Analog channels.
- **TR-MAX series** for conversations from 10 to 92 Analog/VoIP/ISDN channels.

**User Definable Options:**
- Recording can be set to start and stop using off-hook or VOX, and channels can be individually labeled. Password security ensures complete management control of the Voice Logger locally or via a LAN. Software and hardware are field upgradeable.

**Total Recall** is totally self-contained, affordable, compact, easy to install, operate, upgrade, maintain and purchase.

**Remote Manager** and **Record on Demand** software are included with all recorders. You can access recordings over a network, from a single PC, or phone line using a modem. They provide for remote search, playback, live monitoring, copying calls to the client PC for emailing, etc. *Remote Manager* is also used to search, play and email recordings directly from the archive CD-Rs or DVDs on any PC running Windows NT/ME/2000/XP/VISTA-32+64.

Administrators can limit which channels users can access with *Remote Manager*. *Record on Demand* (ROD) provides users access to a single channel with permissions set by the system administrator.
TOTAL RECALL
MULTI-CHANNEL DIGITAL AUDIO LOGGERS

Total Recall recorders are compact multi-channel voice logging recorders with built-in display, simple navigation keys, and network access. You can listen to conversations live or replay them from their internal hard drive. Archive all or selected conversations to disks with the touch of a few simple buttons, up to 180 hours on a CD and 1000 hours per DVD.

Total Recall provides simultaneous recording from 4-24 channels with the TRL Desktop series, 4-72 channels with the TRR Rack Mount series, and 10-92 channels with the TR-MAX series. Channel upgrades are available. Analog recording channels have modular jacks for direct connection to phone lines, analog phone extensions, phone handsets (analog or digital phones), two-way radios, broadcast audio sources, intercoms, microphones, etc.

Additional features include: password security, call tagging, voice-activation or off-hook start and stop, channel activity display, monitor and replay using internal speaker or headphones, via Network (LAN/WAN), and the supplied Remote Manager and Record on Demand software (supplied license free - multiple users).

Total Recall features include:
- Designed to provide quality recordings of phone conversations or any audio signal.
- They record digitally (record direct to a hard drive in compressed file format).
- They start and stop recording by voice-activation (VOX) or off-hook activation.
- Remote Manager software for replaying and emailing calls from a PC using archive discs, LAN/WAN, or dialup connection.
- Network interface provides for remote search and playback, live monitoring, and configuring from a network. Notes can be added to individual calls and selected calls can be copied for emailing.
- All channels can be configured and managed selectively.
- They’re compact, self-contained, and easy to install, maintain, upgrade, and operate.
- Password security (Administrator & User).

You can play conversations stored on the internal hard drive locally or over a network.

You can search the database by date, time, phone number, channel and tagged status.

Built-in color display (TFT like a notebook PC) with simple navigation keys.

Network time synchronization (NTP).

Caller ID (CID) and touch-tone (DTMF) capture of incoming and outgoing numbers.

Automatic and manual archiving of all or selected calls to inexpensive CD or DVD.

Record on Demand software provides call center users a password for access to a single channel. The administrator sets user passwords and permissions for automatic or manual recording, adding notes, recording partial conversations, using DTMF to start recording, & play back.

Total Recall can be configured to record from various signal sources:
- Analog telephone lines and extensions.
- Telephone handsets, either analog or digital using a handset adapter.
- Digital extension lines, using digital to analog converters.
- Two-way radio or other audio signals presented as a 2-wire analog source.

TR-MAX can be configured to record via direct connection to Analog plus VoIP and ISDN phone systems (T1/E1/PRI).

Total Recall recorders come with User Manual, Installation & Administration Manual, Remote Manager (RM) and Record on Demand (ROD) PC software CDs, LAN cable, and a sample CD-R.

TRL Desktop Models:
- 4 to 24 channels: TRL-04, TRL-08, TRL-12, TRL-16, TRL-20 & TRL-24.

TRR Rack Mount Models:

TR-MAX Rack Mount Models:
- 10 to 92 channels: Record conversations from up to 32 active Analog channels and 60 VolIP/ISDN/T1/E1/PRI Digital channels.

TRL & TRR SPECIFICATIONS

Number of Channels, Desktop: Maximum of 24 (4 channel increments)
Number of Channels, Rack Mount: Minimum of 4, Maximum of 72
Security: Passwords to operate all menus
Coding Method: HQVQ 8:1, PCM ITU-T G.711a+m law, SPEEX 3:1
Line Impedance AC: 6k ohm
Line Impedance DC: 10Meg ohm
Freq. Response: 300-3400 Hz, +/-0.5dBm
Signal to Noise: -34dBm
Crosstalk: -60dBm
Record Tone (beep): 1.4kHz level selectable (Off, -33, -27, or -21dBm)
Recording Trigger: Off-Hook, Off or VOX (-20dBm, -24dBm, -28dBm, -32dBm, -36dBm, and -40dBm)
Internal Storage: SATA Hard Drive (60K hr) CD/DVD Drive: Up to 180 hours on a CD-R, up to 1,000 hours on a DVD+RW
Display: 130mm x 97mm TFT Backlit LCD
Power Requirements: 90VAC ~ 260VAC, 50 ~ 75 Hz, 80 Watts maximum
Max Line Voltage: Max tip to ring voltage DC 250VDC, 150V AC. Max tip to ground voltage DC 1500 VDC, 1000 VAC
Analog Ports: Input connections are RJ-11/RJ-14 modular telephone jacks, Line out (3.5 mm phono jack), Headphone (3.5 mm phono jack)
Client Software: Remote Manager & ROD (Win2000/XP/Vista-32/Vista64)
System Software: Upgrade via CD
Warranty: Twelve month, limited
Size & Weight (Desktop version): 14-¾” x 14-¾” x 6-¼”, 12 lb net
Size & Weight (Std. Rack Mount version): 19” x 9” x 8-½”, 22 lb net
Manufactured by: Comsec.TR Pty Ltd, NSW, Australia
Distributed by: Omnicron Electronics, Putnam, CT U.S.A.

Contact your TOTAL RECALL representative for assistance in selecting the proper recorder, cables, or adapters for your Voice Logging application.

Available in Desktop and 19” Rack Mount Versions. TR-MAX configures for Analog/VoIP/ISDN/T1/E1/PRI channels.