CAPTION DISPLAY

Compusult Limited
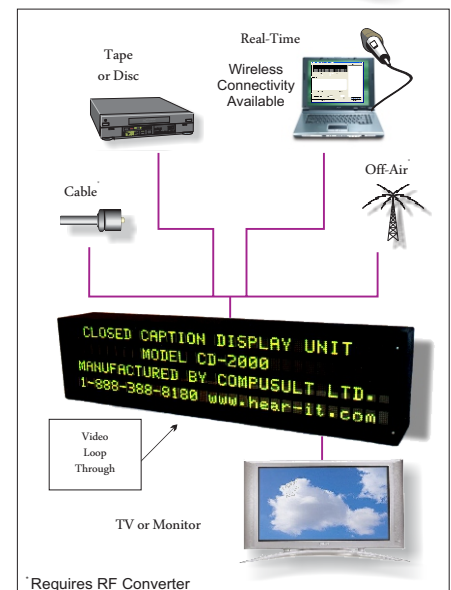**Assistive Technology**
www.compusult.at

Closed Caption Display Systems

Closed Caption Display Systems

Our remote captioning systems are complete, ready-to-run, closed caption display boards. All our Caption Display Systems work by extracting the closed caption (Line 21) encoding from the video signal and displaying it to a high density LED display. The systems will present all ASCII characters from television, video tape, video disc, cable or off-air sources. This leaves the video picture free of the captioning information for improved visibility and unobstructed viewing. These systems are used in a variety of environments where it is more convenient to have the closed captioning displayed outside of the normal on-screen viewing area.

Features

• Bright, high-visibility matrix LED display with wide viewing angle to easily read Closed Captions from a distance.

• Clears TV captioning to separate display and enables 100% screen viewing.

• Available with 0.7" to 4.0" character heights.

• Displays upper and lower case characters.

• Works with standard Closed Caption signals (C1, C2, C3, and C4).

• External, large format display of all ASCII characters from television, video tape, video disc, cable and off-air sources, including extended characters for Spanish, French and many other languages.

• Ideal for theaters, museums, public meetings, information kiosks, churches, trade shows, airports, exhibitions hotels and any noisy or crowded environment.

• Easy Plug-and-Play installation with various mounting options.

• Rugged all aluminum cabinet with quality finish.

• Low power consumption and long life LEDs result in low operating costs.

• Perform real-time captioning using our optional Caption Display Software or compatible third-party products.

Real-Time Captioning

By simply using keyboard entry, you can manually transcribe what is spoken into captions with our advanced Caption Display software. It also allows you to control prepared text files during meetings, presentations or live performances.

 Added cost options include:

• A Voice Recognition (VR) package which allows a speaker (whose voice has been adequately trained for the VR software) to convert what they're saying directly into displayed captions.

• A writing assistant package, which uses word completion technology and other features to aid in manually transcribing what is being spoken into displayed captions.
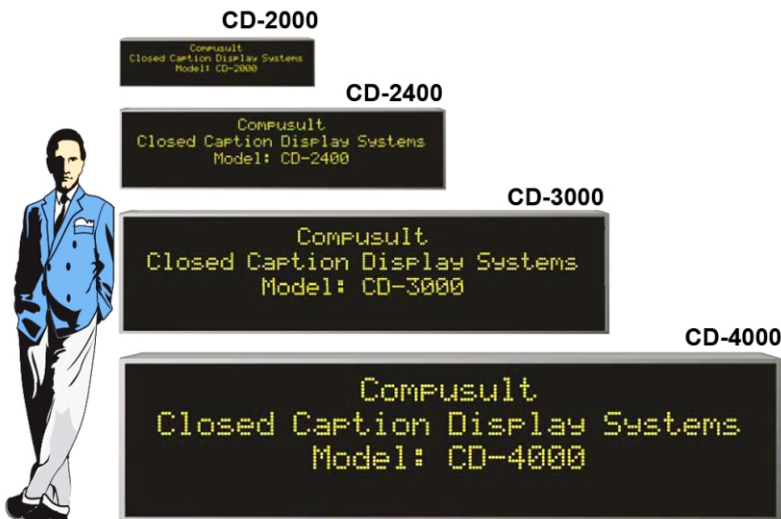
Turn-key Solutions

Compusult supplies turnkey solutions for Real-Time Captioning that include our Caption Display Software, Caption Display systems, voice recognition software for converting speech into displayed captions, writing assistant software that aids in transcription and accessories such as specialized microphones and devices for wireless connections to Caption Display units.

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4 Models Available

Model Number	Char. Height	Unit Length	Unit Height	Unit Depth	Viewing Distance*
CD-2000	1.5"	3.0'	9.0"	4.5"	50'
CD-2400	2.4"	5.0'	14.5"	5.0"	100'
CD-3000	3.0"	7.5'	22.0"	5.0"	150'
CD-4000	4.0"	10.0'	30.0"	5.0"	200'

*This is the maximum estimated indoor viewing distance under typical overhead lighting conditions. Viewing distance will vary depending on an individual's visual acuity, viewing angle and effects of light sources and/or objects that may obscure or occlude one's view.

General Specifications

Display
Four lines by 32 characters. 0.7" to 4.0" character height. Individual 5x7 or 5x8 dot matrix green, yellow or red LED characters. Brightness controls are included on all models.

Video Input
Standard NTSC with loop through (Video In/Out). Input termination is 75 ohms, Video out is 2V through 75 ohms. Built-in closed caption decoder supports all Line 21 channels.

Serial Input
Standard RS-232 (RS-422 option available) using DB9 straight-through cable at 1200 or 9600 baud. Data input must conform with CEA 608b Standard for Line 21 Service (formally referenced as EIA 608B). Wireless serial communications options available.

Network Connectivity
Standard Ethernet LAN, wired or wireless.

Control Inputs
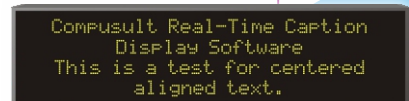Two low-voltage terminals allowing display to be switched off remotely.

Enclosure
Ergonomic ruggedized case. Optional mounting kits, display stands and travel cases available.

Real-Time, Voice to Text Captioning

Wireless Connectivity Available

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Adaptation and Accommodation