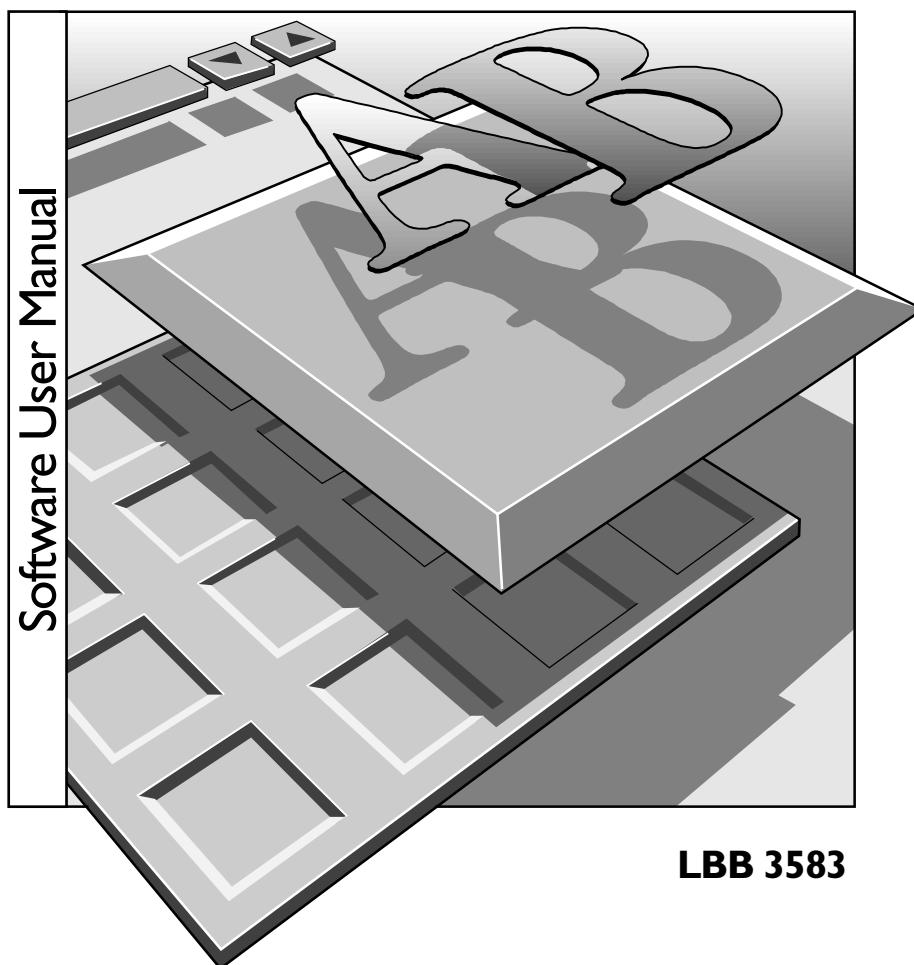




Digital Congress Network

Text/Status Display



LBB 3583

Philips
Communication,
Security & Imaging



PHILIPS

GENERAL CONTENTS

Chapter 1 - Text/Status Display

1.1 About Text/Status Display

I

Chapter 2 - Getting Started

2.1 Starting Text/Status Display

2.2 Using Help

2

Chapter 3 - Preparing for a Conference

3.1 The main window

3.2 Displaying microphone information

3

Chapter 4 - Altering Displays during a Conference

4.1 Viewing displays

4.2 Specifying the display settings

4.3 Clearing the current display

4.4 Exiting Text/Status Display

A

Appendix A - Reference Guide

A.1 Control menus

A.2 Accelerator keys

A.3 Index

EXPLANATORY NOTES

About this manual

This user manual is divided into four chapters. Chapters 1 and 2 provide background information and chapters 3 and 4 provide detailed user information as follows:

- **Chapter 1** - *Text/Status Display* - containing a brief overview of the Digital Congress Network (DCN), and an overview of the functionality of the Text/Status Display application.
- **Chapter 2** - *Getting Started* - containing details of how to start the Text/Status Display application from the DCN Startup screen and a description of the Help facility.
- **Chapter 3** - *Preparing for a Conference* - containing details about pre-conference activities using Text/Status Display, determining the number of lines from the speakers list and request-to-speak list to be displayed.
- **Chapter 4** - *Altering displays during a Conference* - containing details of Text/Status Display possibilities during a conference. Information on altering the display set-up, clearing the current display, and how to exit Text/Status Display.

An appendix provides additional reference information that will be helpful to experienced users. This consists of:

- **A.1** - *Overview of Text/Status Display menus*
- **A.2** - *Short-cut (accelerator) keys*
- **A.3** - *Alphabetic index*

EXPLANATORY NOTES

Manual conventions

For clarity this user manual uses consistent styles, symbols and typographical conventions. They are:



NOTE: General notes are contained within rules and indicated with this symbol in the left margin. Notes are used to draw attention to special actions or information.



CAUTION: A caution is contained within rules and indicated with this symbol in the left margin. Cautions are used to draw attention to actions or commands that could lead to a loss of information, or damage to equipment



A tip is contained within rules and indicated with this symbol in the left margin. Tips are used to provide supplementary information that may make an action quicker or easier to carry out.

- An action (to be carried out by the user) is shown on a grey background and indicated with a round bullet mark.

Typographical conventions

The following are typographical conventions (text styles) are used in this manual:

- **Typed input** - information to be typed in using the keyboard is shown as:

Filename

- **Single key** - input via a single key (or keys) on the keyboard is shown as:
<enter>, <shift>, etc.

- **Multiple keys** - input via a combination of keys pressed together is shown as:

<ctrl>+<p>, <alt>+<f4>

- **Screen text** - information that appears on screen is shown as:
'Choose Startup Modules.'



NOTE: Some keyboards use <RETURN> or the ↵ symbol instead of 'Enter'. Functionally, these keys are identical.

EXPLANATORY NOTES

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TEXT/STATUS DISPLAY

CONTENTS

Title	Page
I.1 ABOUT TEXT/STATUS DISPLAY	I-2
What is Text/Status Display?	I-2



TEXT/STATUS DISPLAY

1 I.1 ABOUT TEXT/STATUS DISPLAY

What is Text/Status Display?

The Text/Status Display module is one of the DCN software modules designed for monitoring and controlling conferences and discussions using the DCN contribution equipment. The Text/Status Display module provides a means of displaying conference-related information on character displays located in the conference venue. All the information displayed is generated by other DCN modules, and it is not possible to alter this information in Text/Status Display. However, it is possible to determine which information (voting results, messages or microphone information) is shown, and also to specify the length of the speakers list and the request-to-speak list when microphone information is displayed.



NOTE: *It is not possible to display languages that use graphic characters e.g. Chinese on LED displays. However, the Video Display software can display these characters on video displays.*

Text/Status Display accepts three different types of display information:

- Voting Results display. This information is generated using the Multi Voting module (LBB 3578) and the Parliamentary Voting module (LBB 3575) and consists of a voting motion and the results of the vote on that motion.
- Messages display. This information is generated using the Message Distribution module (LBB 3582) and consists of a conference-related text message (e.g. when and where lunch will be, or when tomorrow's session will begin, etc.).
- Microphone Information display. This information is generated either using the Microphone Management module (LBB 3570) or the Synoptic Microphone Control module (LBB 3571). It consists of a list of delegates whose microphones are active and those waiting to speak.

The DCN system supports three different types of conference venue displays. These are:

- Numeric display. This is typically a dot matrix display, and allows only purely numerical information to be displayed.
- Alphanumeric display. Also typically a dot matrix display. Information can be displayed using both text and numbers.
- Geographic display. This kind of display gives information on the voting status of each conference participant (if the vote is non-secret). A representation of the seating plan and different coloured LEDs for vote status

TEXT/STATUS DISPLAY

are used to achieve this.

Numeric Display • Total voting results	Alphanumeric Display • Voting results with legends • Messages • Microphone information such as speakers-, request-to-speak and response lists	Geographic Display • Individual voting results
---	--	---

Fig. 1 The three displays types with their respective display possibilities

The display possibilities are as follows:



NOTE: It is also possible to display DCN conference information using video displays (PC-driven monitors or video projectors) showing text, numbers and graphical elements like bar charts or pie charts. For more information, please refer to the user manual for Video Display (LBB 3584).

It is possible to have any combination of these display types in a conference venue. Each display type is connected to a separate Data Distribution Board, which serves as an interface between the displays and the DCN system. Address numbers are used on a Data Distribution Board for specific types of displays, and each address can accommodate more than one display of the same type. The addresses are for text-oriented information such as numeric- or alphanumeric displays. A status-oriented address is available for geographic displays.

Text/Status Display allows you to send two separate packages of information (voting results, messages or microphone information) to text-oriented displays connected to the DCN system. This information is identified as ‘Text Display #1’ and ‘Text Display #2’. Both can be shown on-screen, and you can specify (but not alter) their contents. Clearing this information from the screen also clears it from all connected displays. The information sent to geographic displays cannot be shown on-screen.

Determining what kind of information is shown in Display #1 and Display #2 is carried out from the main window. From there you can also specify the length of the speakers list and request-to-speak list in the microphone information display.

TEXT/STATUS DISPLAY



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GETTING STARTED

CONTENTS

Title	Page
2.1 STARTING TEXT/STATUS DISPLAY	2-2
The DCN Startup screen	2-2
Selecting an installation- (and a names) file	2-3
The Text/Status Display icon	2-3
2.2 USING HELP	2-4
The Help menu	2-4
Index	2-4
Keyboard	2-4
Commands	2-5
Procedures	2-5
Glossary	2-6
Using Help	2-6
About Text/Status Display	2-7

GETTING STARTED

2.1 STARTING TEXT/STATUS DISPLAY

The DCN Startup screen

The Text/Status Display program is started from the DCN Startup screen (shown below).

2



Fig. 1 The DCN Startup screen



NOTE: For starting the DCN Startup program from an icon in the desktop, refer to the Startup user manual.

GETTING STARTED

2

The DCN software uses two user-created files that contain important information about the installed hardware configuration and about delegates' names. These files are:

- **Installation file** - containing information about channel assignment and the numbers that have been assigned to all microphones connected to the DCN. These seat numbers are assigned using the System Installation software (LBB 3585).
- **Names file** - containing information about the name, seat number and other conference and personal details of participating delegates. Names files are created using the Delegate Database software (LBB 3580).

DCN software modules may be **started up** from the Startup main window without specifying either an installation or names file. However, some software modules will **not run** without the appropriate installation or names file.

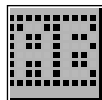
Text/Status Display does not make use of the information in an installation file or a names file.



Four modules which determine the contents of the displays in Text/Status Display (Microphone Management, Synoptic Microphone Control, Parliamentary Voting and Multi Voting) do make use of information contained within these files. The installation file and names files that these four modules will use can be specified before starting Text/Status Display.

Selecting an installation- (and a names) file

For details on selecting an installation- (and a names) file, please refer to section 3.2 of the Startup user manual, under the heading '*Selecting an installation- and a names file*'.



The Text/Status Display icon

For details on the Text/Status Display icon and how to start Text/Status Display from Startup, please refer to section 3.2 of the Startup user manual, under the heading '*Opening other modules from Startup*'.

GETTING STARTED

2.2 USING HELP

2

The Help menu

The *'Help'* menu in the title bar contains commands for an on-screen help facility. This help facility contains information on all commands in the *'File'* menu, on which keyboard keys are functional, a description of how to use the Text/Status Display software, information on how to use the help facility itself, plus an index and a glossary of terms. All information contained in this user manual can also be found in the *'Help'* facility.

The *'Help'* facility contains the following options:

- Index
- Keyboard
- Commands
- Procedures
- Glossary
- Using Help
- About Text/Status Display

Index

To access the index:

- Select the *'Help'* menu and click on *'Index'*.

A full list of subjects covered by the help facility is given in alphabetical order. For more information on any subject contained in the index:

- Click on the required subject in the index.

An on-screen page with the requested information will appear.

Keyboard

This gives information on which keys on your keyboard can be used with the Text/Status Display software. This includes using keys to activate menu items, to move around in dialogue boxes, for short-cuts, and to select options from the main window. To access the *'Keyboard'* help facility:

- Select the *'Help'* menu and click on *'Keyboard'*.

GETTING STARTED

2

A list of different key types is given. For more information on any key type contained in the list:

- Click on the required key type in the list.

An on-screen page with the requested information will appear.

Commands

This gives information on all options contained in the file menu. This covers the *'View'*, *'Settings'*, *'Clear Display'* and *'Help'* menus. To access the *'Commands'* help facility:

- Select the *'Help'* menu and click on *'Commands'*.

A list of file menu groups is given. For more information on any menu group contained in the list:

- Click on the required menu group in the list.

A list of options in the selected menu group is given. For more information on any option contained in the list:

- Click on the required option in the list.

An on-screen page with the requested information will appear.

Procedures

This gives information on how to use the Text/Status Display software. To access the *'Procedures'* help facility:

- Select the *'Help'* menu and click on *'Procedures'*.

A list of topics is given. For more information on any topic contained in the list:

- Click on the required topic in the list.

A list of options for the selected topic is given. For more information on any option contained in the list:

- Click on the required option in the list.

An on-screen page with the requested information will appear.

GETTING STARTED

2

Glossary

To access the glossary:

- Select the *'Help'* menu and click on *'Glossary'*.

A list of terms used in the Text/Status Display help facility is given in alphabetical order. For more information on any term contained in the glossary:

- Click on the required subject in the glossary.

A window with the requested information will appear.

Using Help

This gives information on how to use the Text/Status Display help facility.

To access the *'Using Help'* facility:

- Select the *'Help'* menu and click on *'Using Help'*.

A list of topics is given. For more information on any topic contained in the list:

- Click on the required topic in the list.

A list of options for the selected topic is given. For more information on any option contained in the list:

- Click on the required option in the list.

An on-screen page with the requested information will appear.

GETTING STARTED

About Text/Status Display

This provides software release information. To display the *'About...'* window:

- Select the *'Help'* menu and click on *'About Text/Status Display...'*.

The following window appears:

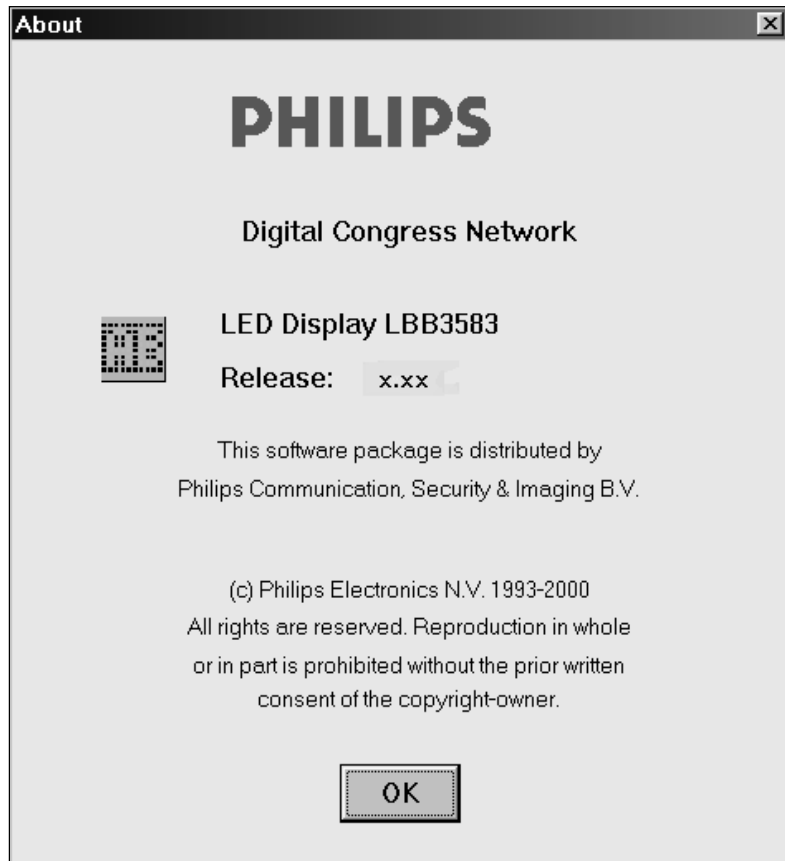


Fig. 2 The *'About Text/Status Display...'* window

To remove this window:

- Click on the *'OK'* push button.

GETTING STARTED

2

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PREPARING FOR A CONFERENCE

CONTENTS

Title	Page
3.1 THE MAIN WINDOW	3-2
The menu bar	3-3
3.2 CONFIGURING DISPLAYS FOR MICROPHONE	
INFORMATION	3-4
Switching status displays on and off	3-6

PREPARING FOR A CONFERENCE

3.1 THE MAIN WINDOW

The main window of Text/Status Display shows the information that will appear on one of the text-oriented conference venue displays connected to the DCN system. It is possible to specify whether '*Text Display #1*' or '*Text Display #2*' is displayed. Altering the main window display does not influence the display of information in the conference venue.

3

From the main window you can also access the menu bar, which allows you to specify viewing options and alter settings, clear displays and access the Help menu.

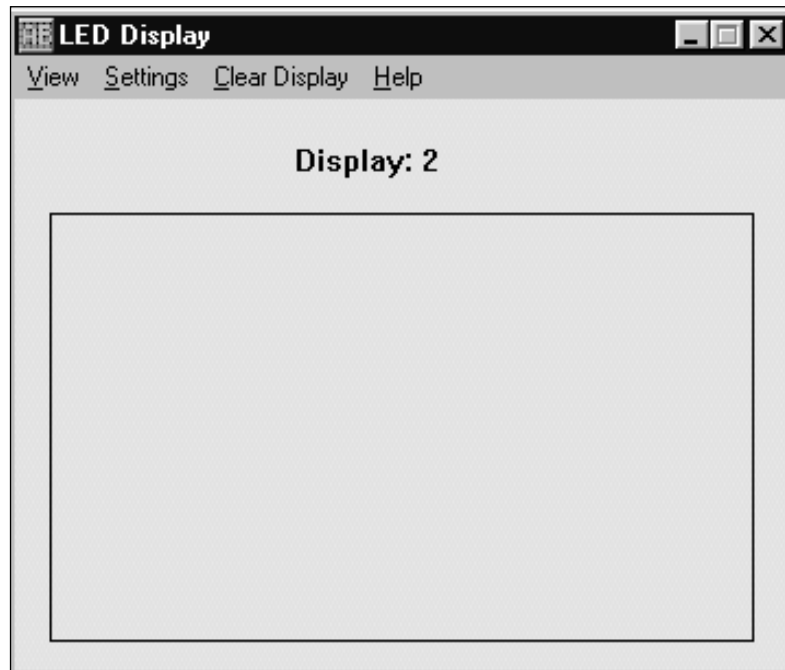


Fig. 1 The main window

The main window contains the following elements:

- '*Display*' static text and the number of the currently selected display
- Contents of currently selected display
- Menu bar

PREPARING FOR A CONFERENCE

The menu bar

All menu options referred to in this user manual are contained within the menu bar, located underneath the title bar at the top of the main window. Access to drop-down menus is gained by clicking on the menu title, displayed in the menu bar. The full list of menu options is as follows:

<u>V</u> iew	<u>S</u> ettings	<u>C</u> lear Display	<u>H</u> elp
Text Display # <u>1</u>	<u>D</u> isplay Config...	Text Display # <u>1</u>	I <u>n</u> dex
Text Display # <u>2</u>	<u>S</u> tatus Display	Text Display # <u>2</u>	<u>K</u> eyboard
		<u>S</u> tatus Display	<u>C</u> ommands
			<u>P</u> rocedures
			<u>G</u> lossary
			<u>U</u> sing Help
			<u>A</u> bout Text/ Status Display...

3

Fig. 2 All available menu options on the menu bar

PREPARING FOR A CONFERENCE

3.2 CONFIGURING DISPLAYS FOR MICROPHONE INFORMATION

If you wish to send microphone information to a display, you can determine how many lines of the display are used to show the speakers list, and how many are used to show the request-to-speak list. To do so:

- Select the 'Settings' menu and click on 'Display Config...'.

3

The following dialogue box appears:

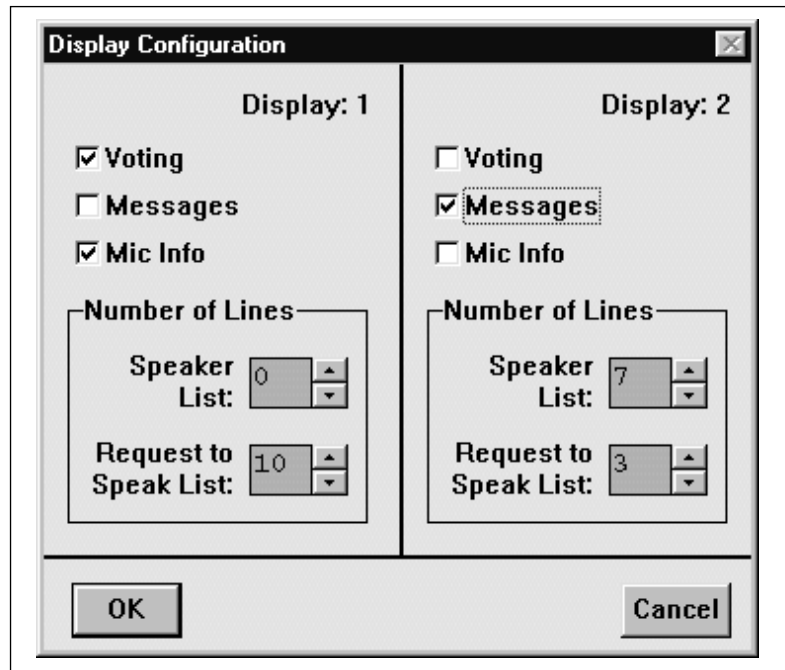


Fig. 3 The 'Display Configuration' dialogue box

The number of lines are specified by means of edit fields for both display #1 and display #2. The number of lines are specified in exactly the same manner for both displays. The minimum number of lines for either list is 0, the maximum 10. This means if the display has more than 10 lines, the extra ones will not be used for displaying microphone information. The default values for both displays is 4 for the speakers list and 6 for the request-to-speak list.

PREPARING FOR A CONFERENCE

To specify the number of lines dedicated to the speakers list:

- Enter the required number in the '*Speaker List:*' edit field.



You can use the up and down arrows located at the right of the edit field to locate the desired number of lines. When 10 is reached the up arrow will be disabled. When 0 is reached the down arrow will be disabled.



CAUTION: If the number of lines specified for the speakers list means that the speakers list length + request-to-speak list length exceeds 10 lines, then the request-to-speak list will be reduced in length.

3

To specify the number of lines dedicated to the request-to-speak list:

- Enter the required number in the '*Request To Speak List:*' edit field.



CAUTION: If the number of lines specified for the request-to-speak list means that the request-to-speak list length + speakers list length exceeds 10 lines, then the speakers list will be reduced in length.

Once you have specified the length of the speakers lists and request-to-speak lists for both displays:

- Click on the '*OK*' push button.



NOTE: Although specifying the length of the speakers list and the request-to-speak list is part of preparation work for a conference, it can also be carried out during a conference. However, the information given here is not repeated in chapter 4, '*Altering Displays During a Conference*'.



NOTE: The other options in the '*Display Configuration*' dialogue box are part of '*Altering Displays During a Conference*', and are covered in chapter 4.

USING SYSTEM INSTALLATION

Switching status displays on and off

The Text/Status Display software sends an output to the status-oriented address on the Data Distribution Board, which in turn sends the output to geographic displays connected to the DCN system. This option allows you to switch the output on and off, therefore permitting or blocking information to be sent to geographic displays.

- Select the '*Settings*' menu and click on '*Status Displays*'.

3

If this option is enabled, meaning that an output to geographic displays is possible, a tick mark (✓) will be situated beside the '*Status Displays*' option. If the option is not enabled, no tick mark will be present.

To change the '*Status Displays*' setting:

- Click on the '*Status Displays*' option.

The other option will be enabled.

ALTERING DISPLAYS DURING A CONFERENCE

CONTENTS

Title	Page
4.1 VIEWING DISPLAYS	4-2
4.2 SPECIFYING THE DISPLAY SETTINGS	4-3
Voting information in the main window	4-5
Messages in the main window	4-6
Microphone information in the main window	4-7
Status display information	4-8
4.3 CLEARING THE CURRENT DISPLAY	4-9
4.4 EXITING TEXT/STATUS DISPLAY	4-10
Temporarily exiting Text/Status Display	4-10
Permanently exiting Text/Status Display	4-10

ALTERING DISPLAYS DURING A CONFERENCE

4.1 VIEWING DISPLAYS

Text/Status Display has two separate windows, titled '*Display #1*' and '*Display #2*'. Each window shows a separate information package, and each information package is sent to a separate Data Distribution Board connected to the DCN system, and thereafter to all displays connected to that board.

To determine whether '*Display #1*' or '*Display #2*' appears in the main window:

- Select the '*View*' menu.

There are two items in the '*View*' menu;

- Text Display #1
- Text Display #2

4



NOTE: These displays are called '*Text Displays*' because they show text-oriented information. This name distinguishes them from '*Status Displays*', which show voting results in a geographic manner and cannot be viewed using Text/Status Display.



NOTE: It is not possible to display languages that use graphic characters e.g. Chinese on LED displays. However, the Video Display software can display these characters on video displays.

The currently selected option (i.e. the current display in the main window) will be indicated by a tick mark (✓). To select the other display:

- Click on the option without the tick mark.

The main window will be updated to show the new information. The number beside the '*Display*' static text in the main window will change to indicate the other display has been selected.



NOTE: The information shown on conference venue displays and the main window changes under the following conditions:

- Delegate action. Delegates alter their microphone status or cast a vote.
- User action. Another motion is recalled for voting, the message specified for display is altered, delegate microphone status is altered, or the length of the speakers list is changed.

In both cases the new information is displayed immediately.

ALTERING DISPLAYS DURING A CONFERENCE

4.2 SPECIFYING THE DISPLAY SETTINGS

To specify which information is sent to displays in the conference venue:

- Select the 'Settings' menu and click on 'Display Config...'

The following dialogue box appears:

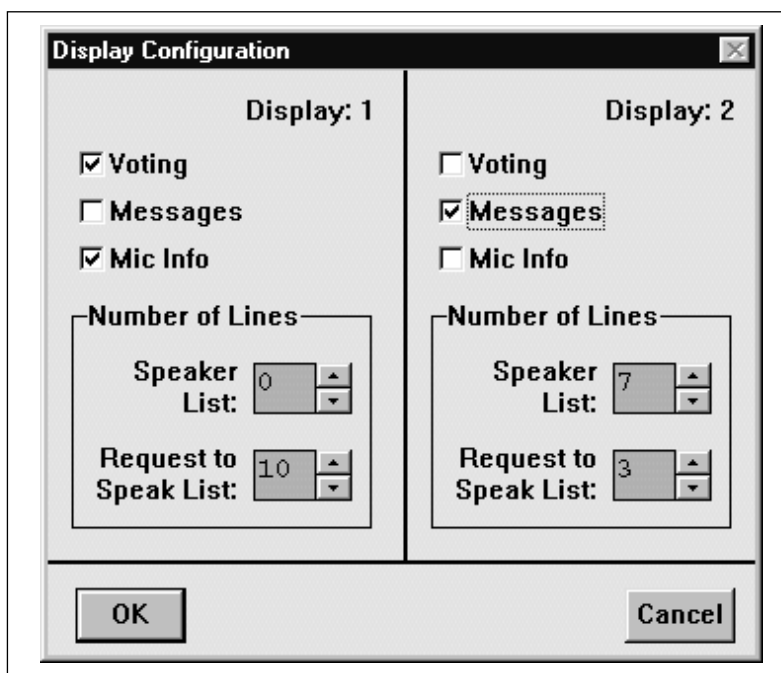


Fig. 1 The 'Display Configuration' dialogue box

The information sent to the conference venue displays represented by displays #1 and #2 is determined by means of the three check boxes which appear at the top of the columns for each display. These settings are altered in exactly the same manner for both displays. The settings determine three types of information:

- Voting information
- Messages
- Microphone information

ALTERING DISPLAYS DURING A CONFERENCE

These three settings can be chosen in any combination. If more than one is selected, a priority system determines which setting will be displayed. Voting information has priority over messages, and messages have priority over microphone information.

However, there has to be a valid input from the Parliamentary Voting DCN software module before voting information can be displayed, and a valid input from the Message Distribution DCN software module before messages can be displayed.

A valid input is created if the following conditions are met:

4

Voting information:

- It has been specified in the currently open Parliamentary Voting script file that voting results are to be shown on conference venue displays.
- Voting has taken place on at least one motion in the currently open Parliamentary Voting script file.

Messages:

- A message has been specified using the Message Distribution program
- This message has been sent to the Text/Status Display program

To select a setting:

- Click on the required check box.

Once you have specified all settings and do not wish to change the number of lines in the microphone information display:

- Click on the 'OK' push button.

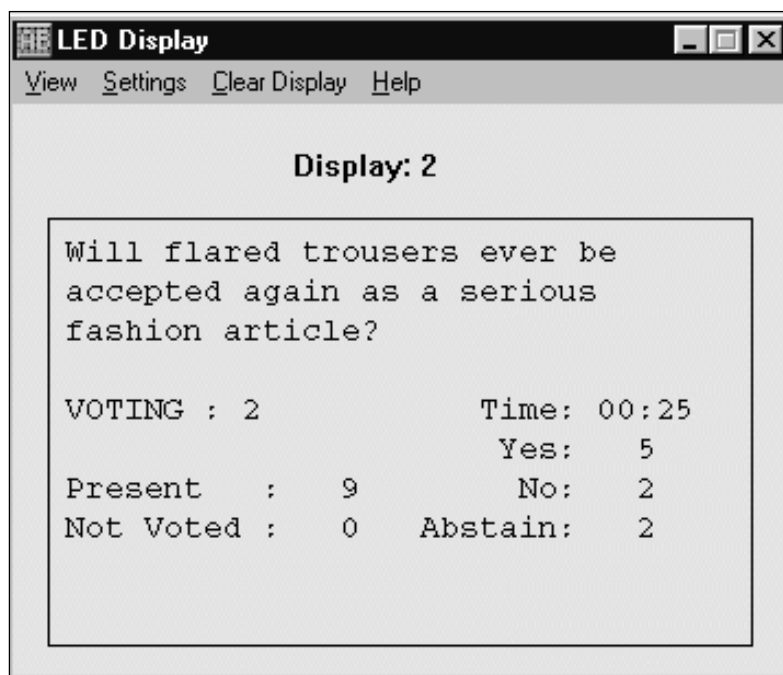
If you do wish to change the number of lines in the microphone information display (by specifying the length of the speakers list and the request-to-speak list), please refer to section 3.2, '*Configuring Displays for Microphone Information*'.

The following pages provide information on how each type of message is displayed in the main window.

ALTERING DISPLAYS DURING A CONFERENCE

Voting information in the main window

Voting information is shown in the main window as follows:



4

Fig. 2 The main window showing voting results

The following information is displayed:

- Voting description
- Voting number
- Number of delegates present
- Number of 'Yes' votes
- Number of 'No' votes
- Number of abstentions
- Number of delegates not yet voted

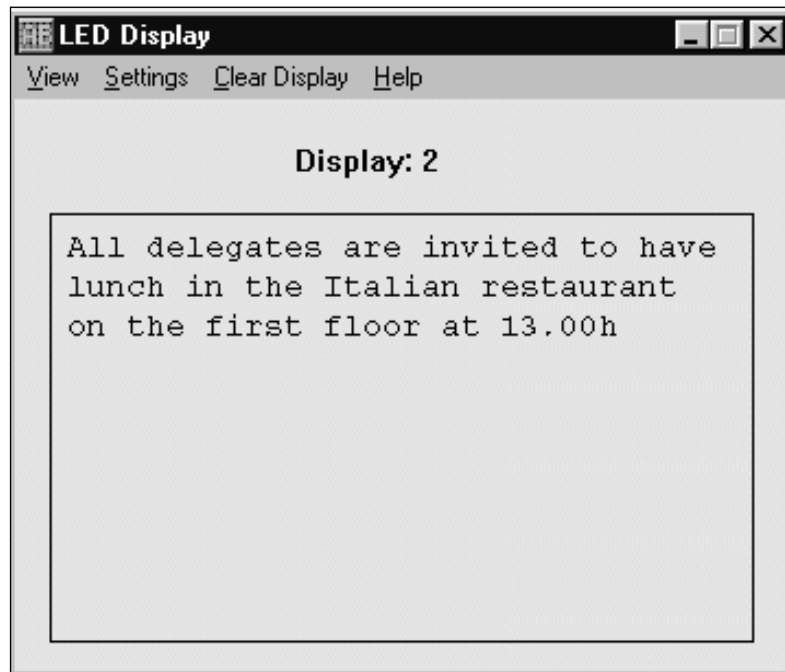


NOTE: For more information on the creation of votings, please refer to the user manuals for Parliamentary Voting and Multi Voting reference numbers 3922 988 5061X and 3922 988 5071X respectively.

ALTERING DISPLAYS DURING A CONFERENCE

Messages in the main window

A message is shown in the main window as follows:



4

Fig. 3 The main window showing a message

The text of the relevant message is displayed. The maximum number of lines for a message is four, and the maximum number of characters in each line is 33.

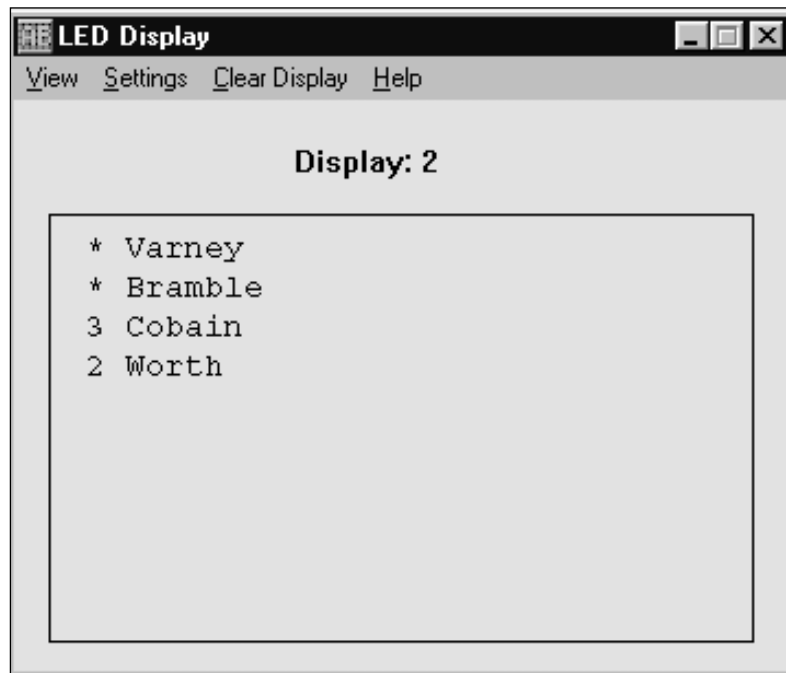


For more information on the creation of messages, please refer to the user manual for Message Distribution, reference number 3922 988 462 I X.

ALTERING DISPLAYS DURING A CONFERENCE

Microphone information in the main window

Microphone information is shown in the main window as follows:



4

Fig. 4 The main window showing microphone information

This example shows the following:

- The first delegate on the speakers list. The delegates on the speakers list are indicated by an asterisk (*). The contents of the entry for each delegate is specified using Delegate Database, and typically consists of the delegate name and one other parameter, e.g. country, group or title.
- A request-to-speak list with two delegates. If applicable, an 'R' indicates a response request. A maximum of 10 lines of information can be shown. If there are more entries than can be shown, the last delegate on the request-to-speak list and a number of other delegates will be shown.



NOTE: The number of lines dedicated to the speakers list and request-to-speak list can be altered from the **'Display Configuration'** dialogue box. For more details, please refer to section 3.2, **'Configuring Displays for Microphone Information'**.

ALTERING DISPLAYS DURING A CONFERENCE



Certain parameters specified in Microphone Management and/or Synoptic Microphone Control influence the microphone information display. For more information on these parameters, and their effect on conferencing, please refer to the user manual for Microphone Management (reference number 3922 988 443 / X) or Synoptic Microphone Control (reference number 3922 988 438 / X).

4

Status display information

Individual voting results can be sent from the Parliamentary Voting software module and the Multi Voting software module (in parliamentary voting mode), via Text/Status Display, to geographic displays connected to the DCN system. This is known as 'status display' information. It is not possible to view this information in Text/Status Display, nor is it possible to alter it, but you can determine whether it is sent to geographic displays or not. To do so:

- Select the '*Settings*' menu.

The second item on the '*Settings*' menu is '*Status Display*'. If there is a tick mark (✓) beside this item, it means that it is enabled, so status display information will be sent to geographic displays. If there is no tick mark, it is disabled, so no information will be sent. To select the option not currently selected:

- Click on '*Status Display*'.

The other option will be enabled.

ALTERING DISPLAYS DURING A CONFERENCE

4.3 CLEARING THE CURRENT DISPLAY

It is possible to clear the information being displayed on conference venue displays connected to the DCN system. To do so:

- Select the *'Clear Display'* menu.

The *'Clear Display'* menu contains three items:

- Text Display #1
- Text Display #2
- Status Display

Selecting any of these items clears all conference venue displays showing that item.

- Click on the appropriate item.

If you select *'Text Display #1'*, a warning message with the following text is displayed:

'Clear Text Display #1?'

If you select *'Text Display #2'*, a warning message with the following text is displayed:

'Clear Text Display #2?'

If you select *'Status Display'*, a warning message with the following text is displayed:

'Clear Status Display?'

In each case:

- Click on the *'Yes'* push button to clear the display.
- Click on the *'No'* push button to cancel the request to clear the display.

If you click on the *'Yes'* push button, the selected display will be removed from all conference venue displays on which it was present, and also from the main window if it was displayed there.

A *'restore'* function automatically removes voting information one minute after the voting has ended. The voting information is replaced with a message, or, if no message is available, microphone information.

4

ALTERING DISPLAYS DURING A CONFERENCE

4.4 EXITING TEXT/STATUS DISPLAY

Temporarily exiting Text/Status Display

It is possible to temporarily leave Text/Status Display without closing it down completely. To do so:

- Click on the minimize button situated at the top right of the application window.

The Text/Status Display program will become iconized in the Windows desk top. To re-enter Text/Status Display:

- Click on the Text/Status Display icon.

4

Permanently exiting Text/Status Display

If you wish to exit Text/Status Display completely:

- Click on the 'close' button on the far right corner of the window.



NOTE: By closing the Startup program, all DCN applications - including Text/Status Display - will close.

APPENDIX A - REFERENCE GUIDE

CONTENTS

Title	Page
A.1 CONTROL MENUS	A-2
View menu	A-2
Settings menu	A-2
Clear Display menu	A-2
Help menu	A-3
A.2 ACCELERATOR KEYS	A-4
Text/Status Display accelerator (short-cut) keys	A-4
A.3 INDEX	A-5

A

APPENDIX A - REFERENCE GUIDE

A.1 CONTROL MENUS

View menu

The '*View*' menu covers viewing options available to the user. The menu consists of the following items:

- **Text Display #1** allows the user to display the contents of display 1 in the main window (refer to page 4-2).
- **Text Display #2** allows the user to display the contents of display 2 in the main window (refer to page 4-2).

Settings menu

The '*Settings*' menu covers various user-specified settings options. The menu consists of the following items:

- **Display Config...** allows the user to alter the parameters within the '*Display Configuration*' dialogue box (refer to page 3-4).
- **Status Displays...** allows the user to enable or disable the display of information on status displays connected to the DCN system (refer to page 3-6).

Clear Display

This option allows the user to remove the information currently shown on displays connected to the DCN system.

- **Text Display #1** allows the user to remove the information currently being shown on the display(s) connected to the DCN display 1 output (refer to page 4-9).
- **Text Display #2** allows the user to remove the information currently being shown on the display(s) connected to the DCN display 1 output (refer to page 4-9).
- **Status Display** allows the user to remove the information currently being shown on the status display(s) connected to the DCN (refer to page 4-9).

A

APPENDIX A - REFERENCE GUIDE

Help menu

The '*Help*' menu manages the on-line help related to the whole DCN application. The menu consists of the following items:

- **Index** provides the user with an alphabetical list of subjects covered by the help facility (refer to page 2-4).
- **Keyboard** provides the user with information on which keyboard keys can be used with the Text/Status Display software (refer to page 2-4).
- **Commands** provides the user with information on all options contained in the file menu (refer to page 2-5).
- **Procedures** provides the user with information on how to use the Text/Status Display software (refer to page 2-5).
- **Glossary** provides the user with an alphabetical list of terms used in the Text/Status Display help facility (refer to page 2-6).
- **Using Help** provides the user with information on how to use the Text/Status Display help facility (refer to page 2-6).
- **About Text/Status Display...** displays the dialogue box with software release information (refer to page 2-7).

A

APPENDIX A - REFERENCE GUIDE

A.2 ACCELERATOR KEYS

Text/Status Display accelerator (short-cut) keys

Menu	Item	Short-cut
View		<ALT> + <V>
	Text Display #1	<1>
	Text Display #2	<2>
Settings		<ALT> + <S>
	Display Config...	<D>
	Status Display	<S>
Clear Display		<ALT> + <C>
	Text Display #1	<1>
	Text Display #2	<2>
	Status Display	<S>
Help		<ALT> + <H>
	Index	<I>
	Keyboard	<K>
	Commands	<C>
	Procedures	<P>
	Glossary	<G>
	Using Help	<U>
	About Text/Status Display...	<A>

A

APPENDIX A - REFERENCE GUIDE

A.3 INDEX

ABC

About this manual ii

Clearing the current display 4-9

Configuring displays for microphone information 3-4

DEF

DCN Startup Screen 2-2

Exiting

Permanently exiting Text/Status Display 4-10

Temporarily exiting Text/Status Display 4-10

GHIJ

Help menu

Commands 2-5

Glossary 2-6

Index 2-4

Keyboard 2-4

Procedures 2-5

Using Help 2-6

Installation file 2-3

KLMN

Main window

with a message 4-6

with microphone information 4-7

with voting information 4-5

Manual conventions iii

Messages in the main window 4-6

Microphone information in the main window 4-7

Names file 2-3

A

APPENDIX A - REFERENCE GUIDE

STUV/WXYZ

Status display information	4-8
Switching status displays on and off	3-6
Selecting an installation- (and a names) file	2-3
Specifying the display settings	4-3
Starting Text/Status Display	2-2

Text/Status Display

About	1-2, 2-7
Exiting	4-10
Icon	2-3
Main window	3-2
Menu bar	3-3
Starting	2-2
What is?	1-2

A

Typographical conventions	iii
Using Help	2-4
Viewing displays	4-2
Voting information in the main window	4-5
What is Text/Status Display?	1-2