

SE 708 iCS Deskstation

User Guide



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About this Guide

Using this Guide

This guide is revision 1 and describes how to operate the SE 708 Deskstation. To check the software release of your system, contact your System Administrator. Before operating this deskstation, please read these instructions carefully.

What Features can I use?

This guide covers all features supported by the SE 708 deskstation. However, your deskstation may not be enabled to use all of the features available. If you are unsure which features you can use, contact your System Administrator.

Further Help

In all instances, first seek help from your System Administrator. If necessary, your System Administrator can email the Speakerbus Global Helpdesk at customer.support@speakerbus.co.uk.

Getting Help with Speakerbus System

Please find detailed below information we would like to receive when you are reporting problems to us. This will enable us to better respond to you.

In All Cases

Please supply a detailed description of problem and all symptoms. Remember that "System Crash" is not a detailed description rather please include the following:

- Timeline of events including any remedial action taken. Please also detail which time zone is being referenced in your timeline.
- Any relevant background information. For instance:
 - What was happening when the problem occurred?
 - How did the problem manifest itself?
 - Does it effect one or all users; what were the symptoms, e.g. Remote call failure between X and Y?
 - Has there been any work on the solution recently locally or remotely (Hardware/Software upgrades, etc.) ?
 - What other location are affected? (Please list sites.)
 - How serious is the problem?
 - Is the problem resolved?

When submitting this information please clearly label all files as to which device they relate to and please read any description that you submit and ask yourself the question “what information would I need to solve this problem?”

Deskstation Diagnostics

Please supply the following from the Deskstation:

- Speakerbus Log files for the period around the problem (please refer to the User
- Guides for instructions on how to use the Send Logs feature). Note perform a send
- logs but do not enable any logging features unless requested by Speakerbus
- technical support.
- Speakerbus firmware/software levels.
- User Name.
- IP Address of Device and any IP PBX connected.
- The Multicast Name & Address (if related to a SbRTP Voice Service).
- If one way transmission which direction has failed.
- Any other pertinent information.

Related Manuals

This document can be used in association with the following documents:

- SE 708 Quick Start Guide
- SE 708 Installation Guide
- SE 708 Safety Instructions

Software Version

This document is written for SE 708 version 2.320.

Document Version History

Previous Revisions	Revision Date
Revision 1	October 2016

Compatibility

The SE 708 Deskstation is compatible with:

- iCMS software version 3.310 and above
- iCS software version 2.4 and above

Conventions

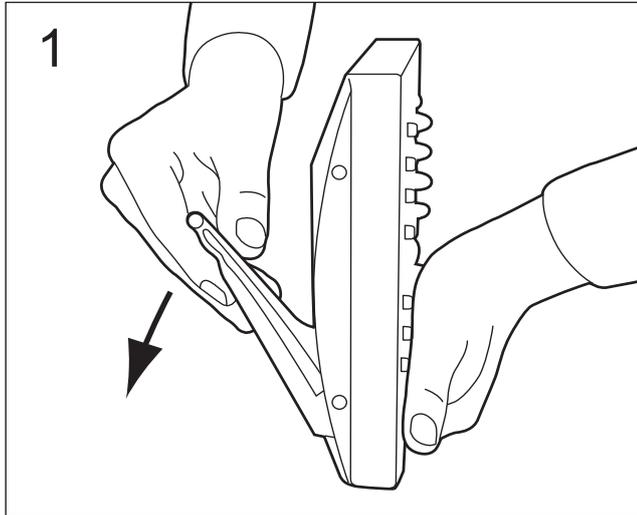
It is possible to complete functions on the SE 708 Deskstation using both numbers or the ▲ and ▼ navigation and **OK** keys. Take for example the *Main* menu.



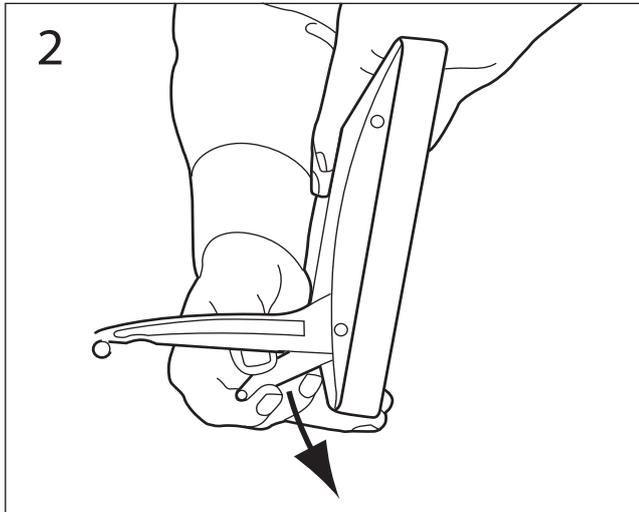
The **Call Register** option can be selected by either pressing the number **2** key on the keypad, or by highlighting the **Call Register** option using the ▲ and ▼ navigation keys followed by pressing the **OK** key. For the purpose of this document, this guide will only describe selecting items using the ▲ and ▼ navigation and **OK** keys.

SE 708 Stand Instructions

Extending Legs

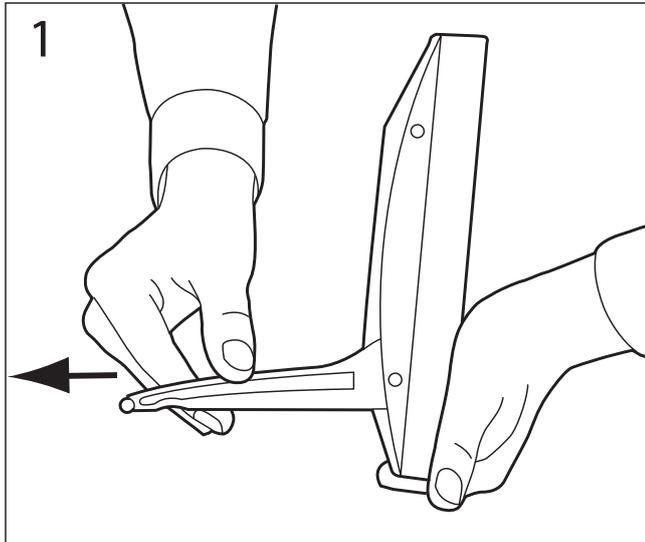


Un-fold legs to desired position. Ensure both legs are adjusted to the same height.

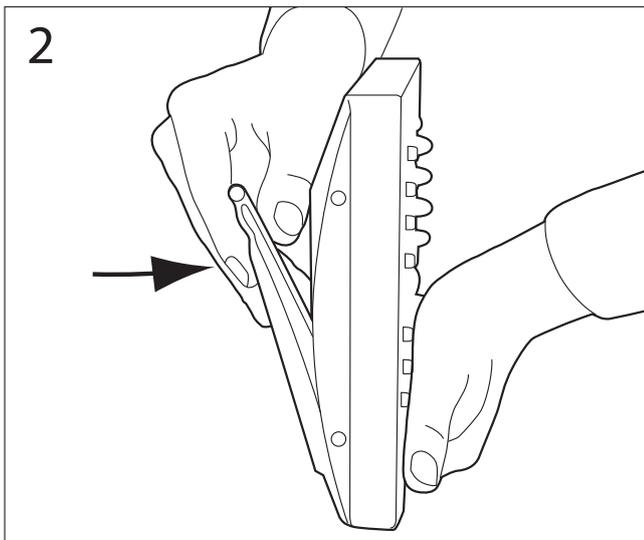


Please follow this step if you require the unit to be positioned behind a keyboard. Un-click leg lifters behind leg, and un-fold them until they click in latch. Ensure both leg lifters are adjusted to the same height.

Collapsing Legs



Pull leg outwards until it un-locks.



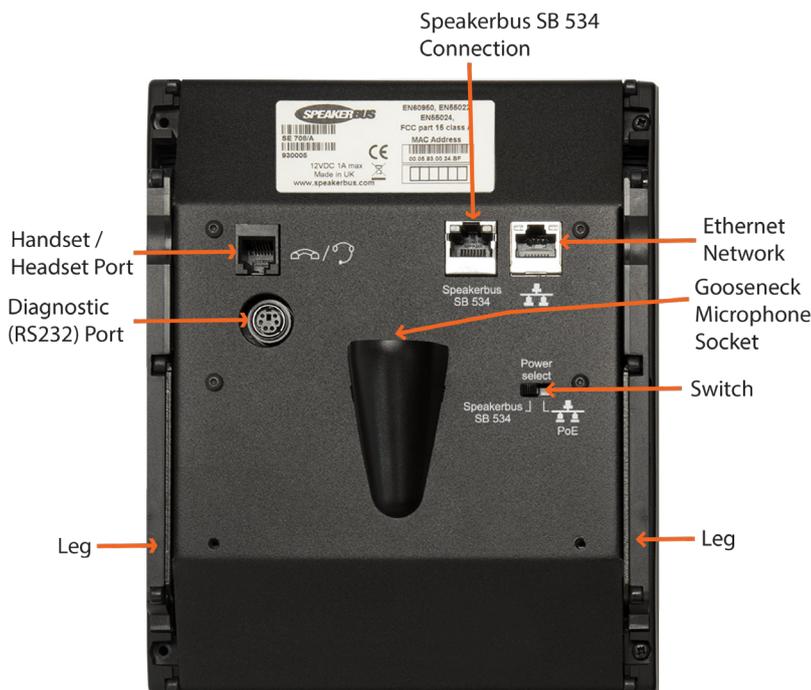
Collapse leg to folded position.

SE 708 Elements

Front View



Rear View



Key Actions

This section briefly describes the actions performed by keys and controls on the SE 708 Deskstation.

Key	Action
Speaker Keys	<ul style="list-style-type: none"> • Enables/Disables transmitted audio on voice services (hoots, MRDs and ARDs). • Mutes/Un-mutes handset microphone when call is on handset. • Selects specific channels when used with hold, privacy, speaker and clear keys. • Speed Dial - Dial a contact on speed dial.
Channel Volume Control	Rotary control used to adjust the channel volume level.
↶ (Back)	<ul style="list-style-type: none"> • Returns to the previous screen when Intercom screen is displayed. • Displays previous menu screen or exits the menu system when in a menu. • Backspace during text entry.
Master Volume Control	Rotary control used to adjust voice services (hoots, MRDs and ARDs) volume level.
Directories	<ul style="list-style-type: none"> • Displays the Favourite Directory. • A long press on a highlighted directory option sets it as the Favourite Directory.
Privacy	Sets and removes privacy on Intercom calls, MRD/ARD calls, calls on handsets and speaker channels.
<i>i</i> (Intercom)	<ul style="list-style-type: none"> • If Intercom screen is not displayed - Displays the Intercom screen. • If Intercom screen is displayed - Returns to the previous screen.
Hold	Places Intercom calls (point to point and group calls) both hands free and on handsets/headsets and ARD calls on handsets/headset on hold.
Clear	<ul style="list-style-type: none"> • On Intercom Calls - Clears both connected point to point and group calls (unless the group call is locked). • On ARD and MRD Calls - Clears ARD calls and talking on an MRD call on a speaker when its key is pressed. • Long press deletes keys (both speed dials and voice services). • Please note that long key presses on the Clear key is ignored on the Intercom screen when no calls are active.

Key	Action
Speaker	<ul style="list-style-type: none"> • Toggles the transmitted audio for open/internal microphone and handset. • Long press mutes/un-mutes non handset microphone if microphone is active.
Transfer	Reserved for future functionality.
Redial	Redials the last connected point to point call or outgoing group calls.
OK	<ul style="list-style-type: none"> • Displays the Menu system in most cases. • Selects options/records within menus. • Saves changes within settings screens. • Confirms operation in confirmation screens.
Navigation Pad	<ul style="list-style-type: none"> • ▲ & ▼ Navigation Keys - Displays speed dial pages and speaker page. In menus highlights next selection and exits directory text search. • ◀ & ▶ Navigation Keys - Increases/Decreases handset volume when handset is in use. Pressing the ◀ or ▶ Navigation key and an active ARD/MRD channel mutes the audio received to the channel. Displays the Main, Program and Settings menus. Moves cursor in text entry boxes.
Home	<ul style="list-style-type: none"> • Displays the home page when pressed. • A long press on the speed dial page sets the speed dial page as home. • A long press on the speaker page sets the speaker page as home.
0 - 9 Number Keys	Dials point to point and group calls. Displays menu options (pressing 1 in the Main menu displays the Directories menu).
* (Star) Key	<ul style="list-style-type: none"> • Menu shortcut when in the menu system. • Sends ringing to the far end on MRD calls on handset. • Used to talk back when participating in group calls. Initiates answer back for Answerback calls.
# Key	Switches between alpha and numeric characters in text entry boxes.

Status Bar

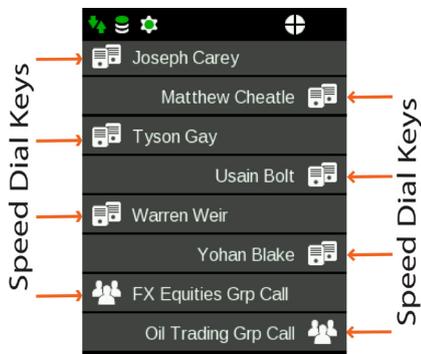
The Status Bar contains both status and notification icons and helps you to keep on top of all your messages and notifications. The icons on the bar are explained in later sections.



SE 708 Screens

The SE 708 screens comprises of four screens: Speed Dials, Speaker Keys, Intercom and Menu System.

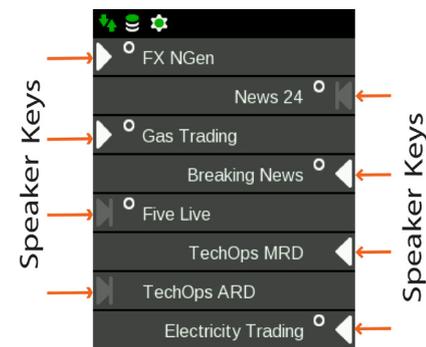
Speed Dial Page



There are four Speed Dial pages. Each page can accommodate a maximum of eight speed dials making a total of 32. Each speed dial page is identified by the icons below.

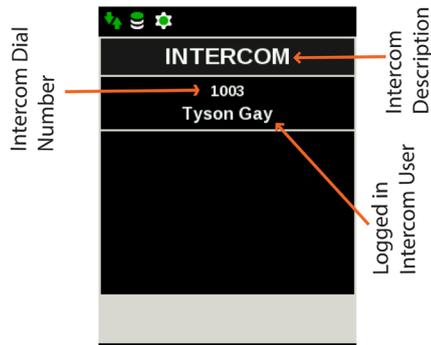


Speaker Page



The Speaker page can accommodate a maximum of eight Speaker Keys. The keys can be in numerous states indicated by the icon displayed on the keys. For more information on Speaker Key icon states, see *Voice Service/Private Wire Icons* on page 21.

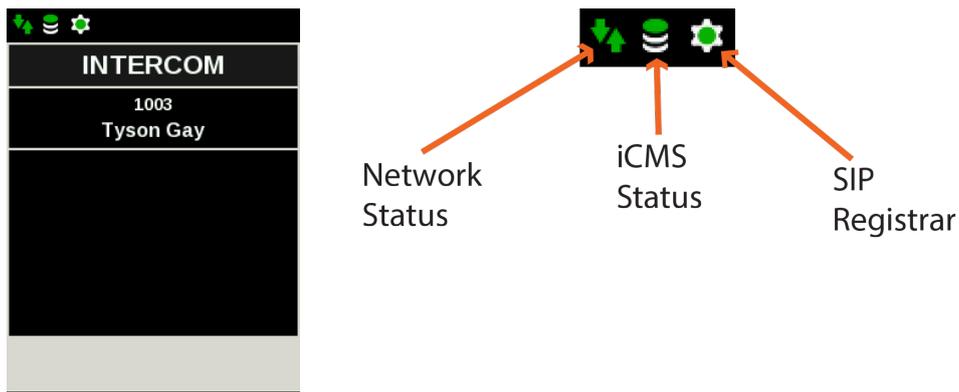
Intercom Screen



The Intercom screen contains details of the logged in intercom user and dial number.

Icons

Status Icons



Status Icons are located in the top left hand side of the screen. The icons from left to right are: Network Status, iCMS Status and iCS Status. Each icon can be in a number of states as described below.

Network Status

State	State Description	Explanation
	Network Up	Physical connection to the IP network. And Successful DHCP IP assignment / manual IP address assigned (as applicable). And Successful DNS server lookup.

State	State Description	Explanation
	Network present with a problem	Physical connection to the IP network (link up). But Unsuccessful DHCP IP assignment (if applicable). Or No manual IP address assigned (if applicable). Or Unable to connect to a configured CDR server. Or There are pending network changes requiring a restart.
	Network Down	No physical connection to the IP network (link down).

iCMS Status

State	State Description	
	Successful configuration from iCMS	Device is in synchronisation with the iCMS server.
	Ability to communicate with iCMS but profile requires synchronisation	Device is out of synchronisation with the iCMS or a restart is required to apply some settings.
	Unable to retrieve contact with the iCMS server	Unable to communicate with the iCMS server And/Or Network down.
	iCMS service not used	iCMS service has been disabled on the device.

iCS Status

State	State Description	Explanation
	Registration complete	Registration and Multicast Control Channel connection are successful.
	Partial registration failure	Primary registration connection has failed Or Device is disconnected from the Multicast Control Channel.
	Registration failure	Unable to complete registration And Device is disconnected from the Multicast Control Channel And/Or Network down.

State	State Description	Explanation
	Registration unknown or Non iCS hoot enabled	The device is logged out and the registration and Multicast Control Channel server status is unknown. Or The device is configured on a non iCS platform.

Intercom Icons

The table below details all possible Intercom icons.

State	State Description	Explanation
	Point To Point Privacy	Displayed when privacy mode is turned on.
	Privacy Missed Calls	Missed call registered. <ul style="list-style-type: none"> • Privacy on and call not answered • Point to point call established and incoming call unable to be connected.
	Call Forward	Displayed when call forward is enabled.
	Intercom Automatic Call-back	Displayed when feature is enabled and call is received whilst engaged on another call.
	Info	Logging is active.
	Speed Dial Page	Speed dial page numbers are indicated by quarters. One of the four icons below display one of the four speed dial pages. None of them displayed indicates the speed dial pages are not displayed. 
	Point To Point/ Group Call	Point to Point/Group call in progress on speaker key.
	Point To Point/ Group Call	Point to Point/Group call in progress on speaker key with microphone muted.
	Point To Point/ Group Call	Point to Point/Group call in progress on handset/headset.
	Point To Point/ Group Call	Point to Point/Group call in progress on handset/headset with microphone muted.
	Point To Point/ Group Call	Incoming Point to Point call with privacy enabled. Dynamic icon progression displaying the three icons below one after each other. 
	Point To Point/ Group Call	Point to Point/Group call on hold. The icon flashes at approximately 1Hz. It is only displayed if there is no other active intercom call.

Call Register Icons

The table below details icons displayed within the Call Register. For more information on the call register, see *Call Register* on page 35.

State	State Description	Explanation
	Incoming Call	Call received on deskstation.
	Outgoing Call	Call made on deskstation.
	Missed Call	Call not answered on deskstation when privacy is turned on.

Voice Service/Private Wire Icons

A voice service is a hoot, manual ring down (MRD) or automatic ring down (ARD). Private wires (also referred to as private lines) are MRDs and ARDs. This section describes the voice service icons, their states and LEDs.

Speaker and Call State Icon	Call State	Speaker Key LED	
		Scheme 1	Scheme 2
	Inactive speaker key	Off	Off
	ARD call idle or no broadcast, MRD or ARD assigned	Off	Off
	ARD outgoing call (far end ringing and talking latched).	Off	Off
	ARD outgoing call (far end ringing). Listen only, i.e. talking not latched.	Off	Off
	ARD/MRD incoming call (far end ringing)	Red (slow flash)	Orange (slow flash)
	ARD call busy elsewhere	Off	Red
	MRD call busy elsewhere (note that listen is always active for MRD, i.e. monitor mode)	Off, or Red if voice activity detected	Off, or Orange if voice activity detected

Speaker and Call State Icon	Call State	Speaker Key LED	
		Scheme 1	Scheme 2
	Broadcast in listen-only state, no talk permission.	Off, or Red if voice activity detected. Red/Green flashing if channel muted.	Off, or Orange if voice activity detected. Red/Green flashing if channel muted.
	Broadcast in listen-only state with no talk permission on handset.	Off, or Red if voice activity detected.	Off, or Orange if voice activity detected.
	ARD connected, in listen state.	Off, or Red if voice activity detected. Red/Green flashing if channel muted.	Off, or Orange if voice activity detected. Red/Green flashing if channel muted.
	Broadcast connected in listen state.	Off, or Red if voice activity detected. Red/Green flashing if channel muted.	Off, or Orange if voice activity detected. Red/Green flashing if channel muted.
	MRD connected, in Listen state (note that listen is always active for MRD, i.e. monitor mode).	Off, or Red if voice activity detected. Red/Green flashing if channel muted.	Off, or Orange if voice activity detected. Red/Green flashing if channel muted.
	ARD talk attempt. If a talk attempt is unsuccessful then the channel will remain in this state until it succeeds or the user abandons the attempt.	Off, or Red if voice activity detected.	Off, or Orange if voice activity detected.
	MRD or broadcast talk attempt. Note this differs from ARD in that no connecting icon is shown. If a talk attempt is unsuccessful then the channel will remain in this state until it succeeds or the user abandons the attempt.	Off, or Red if voice activity detected.	Off, or Orange if voice activity detected.
	ARD connected in talk state	Green, or Red if voice activity detected.	Green, or Orange if voice activity detected.

Speaker and Call State Icon	Call State	Speaker Key LED	
		Scheme 1	Scheme 2
	MRD or broadcast connected, in talk state (including broadcast talk-only). Note this differs from ARD in that no connecting icon is shown.	Green, or Red if voice activity detected.	Green, or Orange if voice activity detected.
	ARD connected on handset	Orange, or Red if voice activity detected.	Green, or Orange if voice activity detected.
	MRD or broadcast connected on handset. Note this differs from ARD in that no connected icon is shown.	Orange, or Red if voice activity detected.	Green, or Orange if voice activity detected.
	Handset muted.	Orange	Green
	ARD talk attempt. If a talk attempt is unsuccessful then the channel will remain in this state until it succeeds or the user abandons the attempt. On handset (a talk attempt is automatically made when a speaker channel is placed on handset so this state can only exist following this transfer). This state is similar to the 'outgoing call connecting' state but here the call is already connected but with the talk attempt pending.	Off, or Red if voice activity detected.	Off, or Orange if voice activity detected.
	MRD or broadcast talk attempt; note this differs from ARD in that no connecting icon is shown. If a talk attempt is unsuccessful then the channel will remain in this state until it succeeds or the user abandons the attempt. On handset (a talk attempt is automatically made when a speaker channel is placed on handset so this state can only exist following this transfer).	Off, or Red if voice activity detected.	Off, or Orange if voice activity detected.
	ARD connected on hold.	Orange (fast flash)	Green (fast flash)

Speaker and Call State Icon	Call State	Speaker Key LED	
		Scheme 1	Scheme 2
	ARD on hold elsewhere. Call can be picked up by this user.	Orange (Slow flash)	Red (fast flash)
	ARD call idle as a result of far end clearing. This is a transitory state to highlight to a user that a call has gone.	Off	Off

Live Update Icons

Live updates ensure changes made on a user profile which is seated on an SE 708 Deskstation are automatically sent to the device. The changes are sent without having to re-synchronise the device. During the live update the iCMS status icon is displayed dynamically to give a visual indication of the update in progress. Depending on the iCMS's status the following icons are displayed one after the other.

				Icon progression for iCMS OK state
				Icon progression for iCMS warning state
				Icon progression for iCMS error state

Call State Icons with Privacy

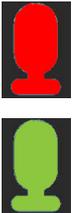
The table below illustrates call privacy states prior to when privacy is requested, when privacy is requested and lastly when privacy is achieved state.

Call State	No Privacy	Privacy Requested	Privacy Achieved
Idle - It is possible to request privacy from Idle to allow the channel to be marked as requiring privacy in advance of the connection being made on speaker.			
Connecting / Talk Attempt			
Connected			

Call State	No Privacy	Privacy Requested	Privacy Achieved
Busy elsewhere - Icon reflects privacy at remote site			
Held Here			
Held Elsewhere - Icon reflects privacy at remote site			

LED Indicators

The table below describes the LED states for each LED symbol.

Number	Description	Extended Description
	Gooseneck Microphone	<p>When the gooseneck microphone is operational the microphone LED is lit red when connected:</p> <ul style="list-style-type: none"> to a point to point call that has been muted, and to a audio feed hoot service or talk hoot service that is not transmitting audio. <p>The LED is green when connected:</p> <ul style="list-style-type: none"> to a point to point call, transmitting audio (when the * (star) key is pressed) during a talk voice service.
	Open Microphone	<p>When the open microphone is operational the open microphone LED is lit red when connected:</p> <ul style="list-style-type: none"> to a point to point call that has been muted, and to a audio feed hoot service or talk hoot service that is not transmitting audio. <p>The LED is green when connected:</p> <ul style="list-style-type: none"> to a point to point call, transmitting audio (when the * (star) key is pressed) during a talk voice service.
	Red LED (Left)	Lit when speaking too quietly.
	Green LED	Lit when talking into the microphone at the correct level.

Number	Description	Extended Description
	Red LED (Right)	Lit when speaking too loud.
	Hands Free	This option is reserved for future functionality.
	Voicemail	This option is reserved for future functionality.

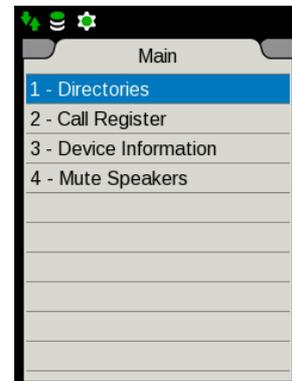
Menus

The SE 708 Deskstation contains three menus: Main, Program and Settings.

Main Menu

The *Main* menu consists of the following options:

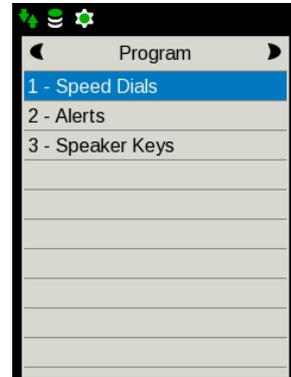
- **Directories** - Contains a list of directories for point to point calls, group calls, and voice services. For more information, see *Directories* on page 37.
- **Call Register** - The call register contains a list of all point to point calls received, placed or missed to and from the intercom deskstation. It also includes group calls placed from the Intercom Deskstation. For more information, see *Call Register Icons* on page 21.
- **Device Information** - Device Information contains the following options: Show Version, Show Network, Show iCMS and Show SIP Server. For more information, see *Device Information* on page 34.
- **Mute Speakers** - This option mutes an active hoot service or removes mute from an active hoot service.



Program Menu

The *Program* menu consists of the following options:

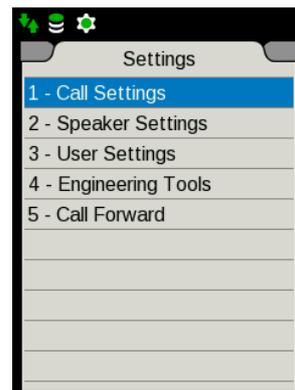
- **Speed Dials** - This option is used to program speed dials. For more information, see *Programming Speed Dials* on page 51.
- **Alerts** - This option is used to turn off/on the ringing tone for incoming calls. For more information, see *Alerts* on page 58.
- **Speaker Keys** - This option is used to program speaker keys. For more information, see *Speakers* on page 61.



Settings

The *Settings* menu consists of the following options:

- **Call Settings** - This option is used to set a range of call settings. This includes intercom latching and privacy. For more information, see *Call Settings Properties* on page 68.
- **Speaker Settings** - This option is used to set the the latch mode, speaker source and enable/disable the master volume. For more information, see *Speaker Settings* on page 65.
- **User Settings** - This option is used to: re-synchronise the deskstation, log out and set the user preferences.
- **Engineering Tools** - This option contains network configuration settings and diagnostic tools. When accessing the Engineering Tools menu for the first time, an authorisation screen is displayed. You will be required to type the administration password before proceeding any further. For more information, see *Engineering Tools* on page 75.
- **Call Forward** - This feature when enabled redirects a point to point call to another point to call destination. For more information, see *Call Forward* on page 69.

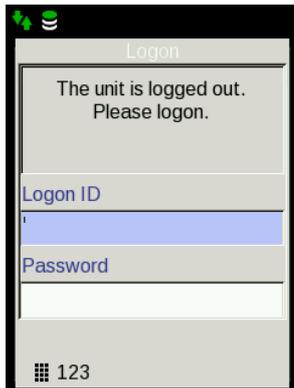


General Features

Logging On

To log on:

1. First ensure the *Logon* screen is displayed.



2. Type your user name and password in **Login ID** and **Password** respectively and press **OK**. If required contact your System Administrator to obtain your logon details.
3. If you have logged on successfully the home page (speed dial or speaker page) is displayed.

After You have Logged On ...



Please ensure your icons look identical to the icons displayed on the left hand side. If your icons are a different colour please contact your System Administrator. For more information on the status icons, please see *Status Icons* on page 18.



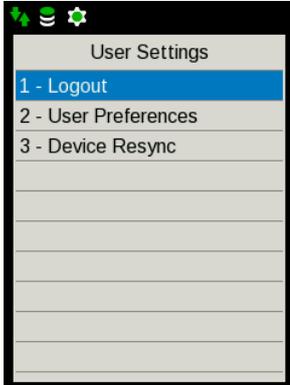
Please note that if your Deskstation is running on a non ICS hoot platform your icons will look identical to the icons displayed on the left. If your icons are a different colour please contact your System Administrator. For more information on the status icons, please see *Status Icons* on page 18.

Logging Off

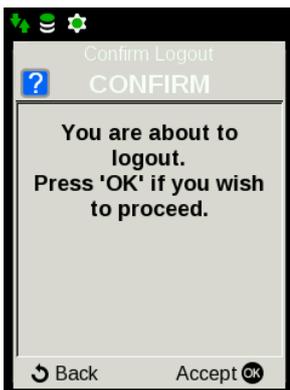
To log off:

1. Press **i** to display the intercom screen.
2. Press **OK** to display the *Main* menu.

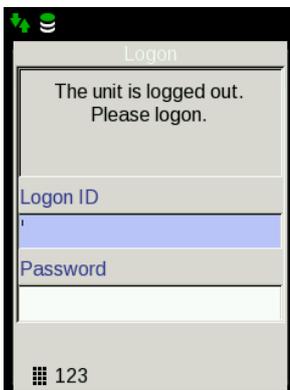
3. Press ► (navigation key) twice to display *Settings*.
4. Using ▲ and ▼ highlight **User Settings** and press **OK** to display *User Settings*.



5. Using ▲ and ▼ highlight **Logout** and press **OK**.
This displays the *Confirm* screen.



6. Press **OK** (Accept) to confirm you would like to log off.
The screen displays a *Logon* screen.



Receiving a Call

A received group or point to point call is indicated by:

- an audible beep, and
- the screen displaying a caller's/group name and dial number.

Talk when the call is connected. The voice path is automatically opened when the call is connected.



The above example illustrates what is displayed when a point to point call is active.

Mute Microphone During Call

To mute microphone during an intercom (point to point/group) call:

1. Press and hold down **speaker** until the Open/Gooseneck Microphone Call LED changes from solid green to solid red.

Gooseneck Microphone Call LED	
Open Microphone Call LED	

Press and hold down **speaker** again to remove mute.

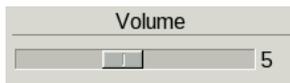
Adjust the Volume

To adjust the volume:

1. Turn the master rotary control when on Open Microphone/Gooseneck Microphone.

OR

Press the ◀ and ▶ navigation keys when handset mode is active.



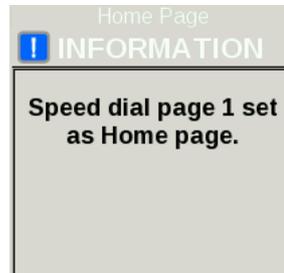
Home Page

Setting the Home Page

To set the Home Page:

1. Ensure the speed dials/speaker channels are displayed.
2. Press and hold down the **Home** key.

A message is displayed stating that the Speed Dials/Speaker page has been set as the home page.



Returning to the Home Page

To return to the home screen:

1. Press the **Home** key.

This displays the home page.



Stepping back through Menus

To step back through menus:

- Press ↶ to go to the previous menu screen.
- Press ↶ and hold to return back to the Home Page.

End Call

Intercom Call

To end an intercom call:

1. Press **clear**.

ARD Voice Service

1. Press **clear**.

The screen displays *Select Channel* for approximately three seconds.



2. Press the appropriate ARD voice service channel.

Redial Last Call

To redial the last connected call:

1. Press **i** to display the intercom screen.
2. Press **redial**.

Privacy Mode

Activate Privacy Mode

To activate privacy mode:

1. Press **i** to display the Intercom screen



The above illustration is used for example purposes only.

2. Press **privacy**.

The privacy icon (highlighted in red below) is displayed on Status Bar.



Repeat above steps to turn off privacy.

 Privacy can also be set within the *Call Settings* properties. For more information, see *Call Settings* on page 68.

Accept Call in Privacy Mode

To accept a call when privacy mode is activate:

The screen displays the name and extension of the calling party (as illustrated in the example below).



1. Press **speaker** to accept the incoming call.

Calling an Intercom that has Privacy Mode turned on

When calling a deskstation that has privacy mode turned on:

The calling deskstation screen displays: **[call-receiver's name] [call-receiver's extension] Intercom Call Waiting for the remote party to accept.**



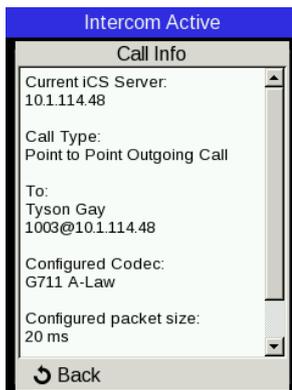


The above illustration is used for example purposes only.

Wait for call to be answered by the call-receiver.

Call Information/Details

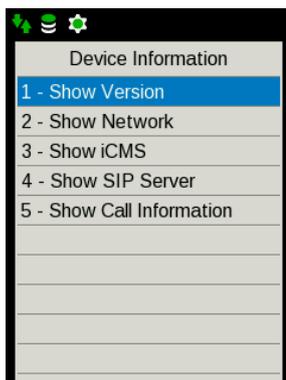
The *Show Call Info* option is located in the *Main* menu and becomes active during a call. Highlighting **Show Call Info** and pressing **OK** displays it. It provides the following call information: Current iCS Server, Call Type, Called Party, Configured Codec and Configuration Packet Size.



Device Information

Device Information is viewed by completing the following steps:

1. Press *i* to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Using **▲** and **▼** highlight **Device Information** and press **OK**.



The Device Information options are briefly described below:

- **Show Version** - This option displays the deskstation software versions.
- **Show Network** - This option displays the current network settings of the

device. It will also display any error conditions relating to the network status.

- **Show iCMS** - This option displays the following information: iCMS primary IP address, iCMS secondary IP address, iCMS port address and iCMS status. It will also display any error conditions relating to the iCMS.
- **Show SIP Server** - This option displays the SIP server registration and Multicast Control Channel status.
- **Show Call Information** - This option displays call information such as call type, codec and packet size. For more information see, *Call Information* on page 34.

Setting the Favourite Directory

To set the Favourite Directory:

1. Press **i** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Ensure **Directories** is highlighted and press **OK**.

Deleting the Favourite Directory

To delete the Favourite Directory:

1. Press **i** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Ensure **Directories** is highlighted and press **OK**.
4. Using **▲** and **▼** highlight **Clear Favourite** and press **OK**.

Menu Short Cut Keys

Menu Short Cut Keys provide an alternative method for accessing the menu system. The keys required for menu short cuts are the star (*) and numerical keys. These keys are located on the key pad. Please ensure the Speed Dial or Speaker page is displayed before using menu short cuts. The menu short cut key sequence begins with the star (*) key and ends with a numerical key. For example, to access the Call Registers menu option, press the star (*) key, followed by pressing numbers 1 and 2.

Call Register

The call register contains a list of all point to point/group and ARD calls received, placed or missed to and from the Deskstation. The call register is viewed by pressing **OK** for *Main* menu followed by highlighting the **Call Register** option and pressing **OK**.



The call register contains the following options: All Calls, Missed Calls, Received Calls, Placed Calls and Clear All Logs.

Checking Missed Calls

 The Missed Calls icon displayed on the Status Bar quickly notifies one of calls that have not been answered.

To check missed calls list:

1. Press **i** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Using **▲** and **▼**, highlight **Call Register** and press **OK**.

This displays the **Call Registers** directory.

4. Using **▲** and **▼**, highlight **Missed Calls** and press **OK**.

This displays the *Missed Calls* list.



Icons are displayed next to the call record within the Missed Call list. For more information on these icons, see *Call Register Icons* on page 21.

Directories

Directories List

The Directory lists are contained within the *Directories* menu and can be viewed by pressing:

1. **OK** to display the *Main* menu.
2. Ensure **Directories** is highlighted and press **OK**.
3. Use **▲** and **▼** and the **OK** key to select the appropriate directory.



Directories contain the following options:

- **Global** - Contains a list of all users. It includes both seated and un-seated users.
- **Personal** - Contains a list of global directory contacts that have been added to the personal directory by the user.
- **Group Call** - Contains a list of all group calls the user is a member of.
- **Location** - Contains a list of remote sites. Each site contains a list of seated users located at that site.
- **Voice Services** - Contains a list of voice services (hoots, manual ring downs and automatic ring downs) the user can use.
- **Clear Favourite** - Clears the favourite directory option.

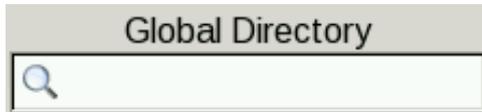
Scroll through Directory Listing

Directory listings may contain more information than can fit on the screen. Use the **▲** and **▼** navigation keys to go up and down the screen.

Directory Search

Each directory within the *Directories* option contains an alphabetical search facility. This allows one to quickly locate a contact, remote site or voice

service.



The illustration above is an example of the *Global* directory search facility.

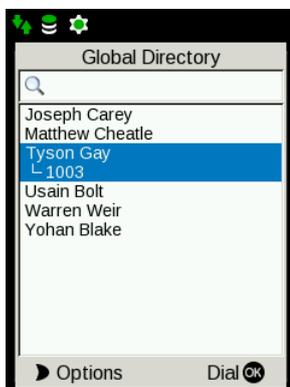
Displaying a user's/groups Dial Number

Displaying a user's/group's Dial Number from the Global, Personal or Group Call Directory

To display a user's/group's dial number:

1. Press *i* to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Ensure **Directories** is highlighted and press **OK**.
4. Using **▲** and **▼** if required, highlight **Global**, **Personal** or **Group Call** and press **OK**.
5. Using **▲** and **▼** highlight the required user/group.

As soon as the required user/group is highlighted the dial number is displayed.



Displaying a user's/group's Dial Number from the Location Directory

To display a user's/group's dial number:

1. Press *i* to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Ensure **Directories** is highlighted and press **OK**.
4. Using **▲** and **▼**, highlight **Location** and press **OK**.

This displays a list of locations.

5. Using ▲ and ▼ select the appropriate site and press **OK**.
6. Using ▲ and ▼ select the appropriate user/group.

As soon as the required user/group is highlighted the dial number is displayed.



Adding Contacts to Personal Directory

To add a contact to the personal directory:

1. Press **i** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Ensure **Directories** is highlighted and press **OK**.
4. Ensure **Global** is highlighted and press **OK**.
5. Using ▲ and ▼ select the appropriate user and press ► (Options) navigation key.

This displays the *Global Directory Options*.

6. Ensure **Add to Personal** is highlighted and press **OK**.

A confirmation screen is displayed.

7. Press **OK** (Accept) to confirm you would like to add the contact to the personal directory.

Removing Contacts from Personal Directory

To remove a contact from the personal directory:

1. Press **i** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Ensure **Directories** is highlighted and press **OK**.

4. Using ▲ and ▼ highlight **Personal** and press **OK**.

This displays the *Personal - Intercom*.

5. Using ▲ and ▼ select the appropriate user and press ► (Options) navigation key.

This displays the *Personal Directory Options*.

6. Ensure **Delete** is highlighted and press **OK**.

A confirmation screen is displayed.

7. Press **OK** (Accept) to confirm you would like to delete the contact from the personal directory.

Telephony

Making iCS Telephone Calls

To make an iCS call:

1. Ensure the speaker page (not the intercom screen) is displayed. This page contains eight speaker channels.
2. Type the appropriate dial number and wait for the call to be answered.

Hanging Up

To hang up a call:

Press **clear**.

Place a Call on Hold

To place a call on hold:

Press **hold**. Repeat to remove **hold**.

Redial Last Number

To redial the last number down:

Press **redial**.

Moving a Call From Handset to Microphone

To move a call from handset to microphone:

Press **Speaker**. Repeat to return back to microphone/open microphone.

Point to Point Calls

Making a Point to Point Call

Making a call to another deskstation is known as a point to point call. A point to point call can be made using the key pad, speed dials or Directories menu options.



For information on talking using a handset, see *Handset* on page 84.

Making a Point to Point Call using the Key Pad

To make a Point to Point call using the key pad:

1. Press **i** to display the intercom screen.
2. Dial the number using the key pad.
3. Talk when call is connected.

Making a Point to Point Call using Directories

Point to Point calls can be made using the *Directories* menu option which contains the following: Global, Personal and Location.

Making a Point to Point Call using the Global / Personal Directory

To make a Point to Point call using the Global or Personal Directory:

1. Press **i** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Ensure **Directories** is highlighted and press **OK**.
4. Using **▲** and **▼**, highlight **Global** or **Personal** and press **OK**.

This displays the *Global / Personal Directory*.

5. Using **▲** and **▼**, highlight the appropriate contact and press **OK**.
6. Talk when call is connected.



The search facility enables one to find contacts a lot faster in long lists when compared to using the **▲** and **▼** method. For more information, see *Directory Search* on page 37.

Making a Point to Point Call using the Location Directory

To make a Point to Point call using the Location Directory:

1. Press **i** to display the intercom screen.

2. Press **OK** to display the *Main* menu.
3. Ensure **Directories** is highlighted and press **OK**.
4. Using **▲** and **▼**, highlight **Location** and press **OK**.
This displays the *Location Directory*.
5. Using **▲** and **▼**, highlight the appropriate site and press **OK**.
This displays a list of contacts.
6. Using **▲** and **▼**, highlight the appropriate contact and press **OK**.
7. Talk when call is connected.



The search facility enables one to find contacts a lot faster in long lists when compared to using the **▲** and **▼** method. For more information, see *Directory Search* on page 37.

Making a point to Point Call using Speed Dials

To make a point to point call using speed dials:

1. Press **i** to display the intercom screen.
2. Ensure the appropriate speed dial page is displayed.
3. Press the appropriate speed dial.
4. Talk when call is connected.

Making a Point to Point Call using the Call Register

To make a call using the call register:

1. Press **i** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Using **▲** and **▼**, highlight **Call Register** and press **OK**.
4. Using **▲** and **▼**, highlight the appropriate call register, (for example *Missed Intercom Calls*) and press **OK**.
5. Highlight the appropriate contact or number, and press **OK**.
6. Talk when call is connected.

User Busy

The message “User Busy” and “Call Failed” is displayed on an intercom screen, when the party it is attempting to connect to is engaged on another call.

Muting Microphone During Point to Point Call

To mute the microphone during a point to point call:

1. Press and hold down **speaker** until the Gooseneck/Internal Microphone Call LED Indicator changes from solid green to solid red. A red dot is also displayed on the speaker icon.



Press and hold down **speaker** again to remove mute.

The Gooseneck/Internal Microphone Call LED Indicator changes back from solid red to solid green. The red dot is no longer displayed on the speaker icon.



Receiving a Call when Intercom Automatic Call-back is enabled

When Intercom Call Automatic Call-back is enabled and a call is received when the SE 708 is already engaged on a call, a notification is displayed on the screen for a few seconds. This notification states the name and dial number of the user attempting to call.

An orange arrow also appears in the Status Icon area of the screen. This notifies the user that their unit will automatically call the number that attempted to call. It will call when their current call is ended.



When the current call is ended, the unit will automatically attempt to dial the number that previously attempted to contact it. For information on how to enable the Intercom Automatic Call-back feature, see *Intercom Automatic Call-back*, on page 69.

Receiving a Call when Call Forward is enabled

When call forward is enabled on an SE 708, calls made to it are sent to the number set in the call forward settings. For more information, see *Call Forward* on page 69.

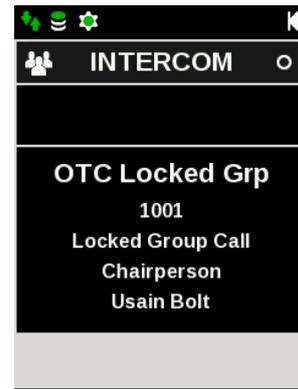
Group Calls

The SE 708 supports the following types of group calls: Mixing Group Call, Standard Group Call, Answerback to Owner Group Call. A lock can be applied to each mentioned group call type. Initiating a group call which is locked is no different to the above mentioned group call types. The only difference is that other than the group call initiator, members cannot adjust their deskstation volume during the group call and are unable to leave the call.

- Standard Group Call** - A standard group call is a call used to make announcements to members of the standard group call. The members receiving the announcement are unable to talk back to the group.
- Mixing Group Call** - In a mixing group call both the chairperson (the person who initiates the group call) and remaining members can talk within the conference. The chairperson can talk without having to press the * (star) key. The remaining members need to press the * (star) key to talk. Other than the chairperson, the group call member's SE 708 screens will display the name of the chairperson and that they need to press the * (star) key to talk. When the chairperson exits the group call (by pressing the **clear** key) the group call ends. When a member of the group, other than the chairperson, exits the conference the conference will continue with the remaining members and chairperson.
- Answerback to Owner** - An answer back to owner group call is one when a group member initiates an answer back to owner group call and makes a request for information or for a person. He/she then needs to press the * (star) key when they have made the request and wait for a member of the group to respond. A group member needs to respond by pressing the * (star) key on their deskstation. This results in a point to point call between the two group members. If no one responds to the request within twenty seconds the group call request is ended.



- **Locked Group Call** - Initiating a group call which is locked is no different to making a standard, mixing or answerback to owner group call. The only difference is that other than the group call initiator, members cannot adjust their deskstation volume during the group call and are unable to leave the call.



For information on talking using a handset, see *Handset* on page 89.

Standard Group Call

Making a Standard Group Call using the Key Pad

To make a standard group call using the key pad:

1. Press **i** to display the intercom screen.
2. Dial the appropriate standard group call dial number.
3. Make an announcement when group call is connected.
4. Press **clear** to end the group call.

Making a Standard Group Call using the Directories

To make a standard group call using directories:

1. Press **i** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Ensure **Directories** is highlighted and press **OK**.
4. Using **▲** and **▼**, highlight **Group** and press **OK**.
This displays the *Group Directory*.
5. Using **▲** and **▼**, highlight the appropriate group call and press **OK**.
6. Make an announcement when group call is connected.
7. Press **clear** to end the group call.

Making a Standard Group Call using Speed Dials

To make a standard group call using speed dials:

1. Press **i** to display the intercom screen.
2. Ensure the appropriate speed dial page is displayed.
3. Press the appropriate speed dial.
4. Make an announcement when group call is connected.
5. Press **clear** to end the group call.

Mixing Group Call

Making a Mixing Group Call using the Key Pad

To make a mixing group call using the key pad:

1. Press **i** to display the intercom screen.
2. Dial the group call number using the key pad.
3. Talk when group call is connected.

Making a Mixing Group Call using the Directories

To make a mixing group call using the directories:

1. Press **i** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Ensure **Directories** is highlighted and press **OK**.
4. Using **▲** and **▼**, highlight **Group** and press **OK**.
This displays the *Group Directory*.
5. Using **▲** and **▼**, highlight the appropriate group and press **OK**.
6. Talk when the group call is connected.

Making a Mixing Group Call using Speed Dials

To make a mixing group call using speed dials:

1. Press **i** to display the intercom screen.
2. Ensure the appropriate speed dial page is displayed.
3. Press the appropriate speed dial.
4. Talk when the group call is connected.

Talking on a Mixing Group Call

To talk to on a mixing group call:

1. Simply talk if you initiated the mixing group call

OR

If Latching is enabled - Press the * (star) key and release it. Talk when the voice path is open.

If Latching is disabled - Press and hold the * (star) key. Talk when the voice path is open.

Answerback to Owner Group Call

Making an Answerback to Owner Group Call using the Key Pad

To make an answerback to owner group call:

1. Press **i** to display the intercom screen.
2. Dial the group call number using the key pad.
3. Make request when call is connected.
4. When finished press the * (star) key and wait for answer.

If no one responds to the request within twenty seconds the group call is ended.

Making an Answerback to Owner using the Directories

To make an answerback to owner group call using the directories:

1. Press **i** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Ensure **Directories** is highlighted and press **OK**.
4. Using **▲** and **▼**, highlight **Group** and press **OK**.

This displays the *Group Directory*.

5. Using **▲** and **▼**, highlight the appropriate group and press **OK**.
6. Make request when call is connected.
7. When finished press the * (star) key and wait for answer.

If no one responds to the request within twenty seconds the group call is

ended.

Making an Answerback to Owner using Speed Dials

To make an answerback to owner group call using speed dials:

1. Ensure the appropriate speed dial page is displayed.
2. Press the appropriate speed dial.
3. Make request when call is connected.
4. When finished press the * (star) key and wait for answer.

If no one responds to the request within twenty seconds the group call is ended.

Respond to the Initiator of an Answerback to Owner Group Call

1. Press the * (star) key.

This establishes a point to point connection.

2. Talk when call is connected.
3. Press **clear** to end the call.

Talking on a Group Call

To talk to on a group call:

1. Simply talk if you initiated the group call

OR

Press * (star) (if applicable) and talk when the voice path is open.



Only the group call initiator (chairperson), not the remaining group call members, can talk on a locked group call. Apart from the group call initiator (chairperson) the remaining group call members can only listen in this call type.

End a Group Call

The chairperson (the person who initiates the group call) is the only member that can end a group call.

To end a group call:

1. Press **clear** (if applicable).

Rejoining a Group Call

To rejoin a group call either:

1. Dial the group call dial number.

OR

Select the appropriate group call using directory and **Group** menu. You will need to use the ▲ and ▼ navigation keys to highlight the appropriate group. When the group is highlighted press **OK**.

Muting Microphone During Group Call

To mute the microphone during a group call:

1. Press and hold down **speaker** until the Gooseneck/Internal Microphone Call LED Indicator changes from solid green to solid red. A red dot is also displayed on the speaker icon.



Press and hold down **speaker** again to remove mute.

The Gooseneck/Internal Microphone Call LED Indicator changes back from solid red to solid green. The red dot is no longer displayed on the speaker icon.

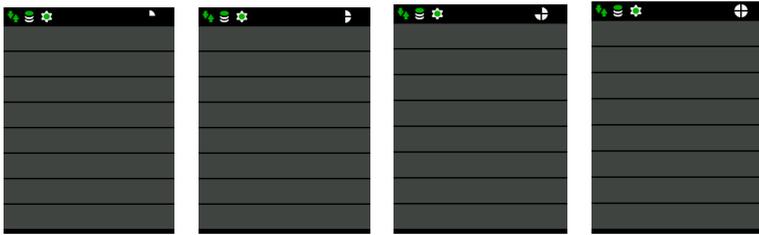


Programming Speed Dials

The SE 708 Deskstation contains four speed dial pages. Each page can accommodate eight speed dials. A speed dial can be either a point to point or group call.



Speed dial page numbers are indicated by quarters. One quarter indicates speed dial page one, two quarters speed dial page two, three speed dial page three and four speed dial page four.



This section describes how to add, move and delete speed dials.

Adding Speed Dials

Adding Speed Dials

To add a speed dial:

1. Press **i** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Press **▶** (navigation key) once to display the *Program* menu.
4. Ensure **Speed Dials** is highlight and press **OK**.

This displays *Program Speed Dials*.

5. Ensure **Add** is highlighted and press **OK**.

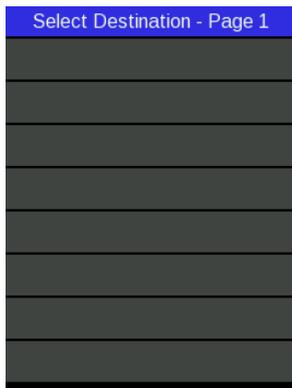
This displays the *Directories*.

6. Using the **▲** and **▼** (navigation keys) highlight the required directory and press **OK**.

If you selected the *Location* option you will also need to select a remote site.

7. Select the required name/group call and press **OK**.

This displays page one of the four speed dial pages.



8. Ensure the required speed dial page is displayed (use the ▲ and ▼ navigation keys to change the page).
9. Choose where to locate the speed dial by pressing the appropriate speed dial key.

Selecting a speed dial that is already occupied will overwrite the key.

Moving Speed Dials

To move a speed dial:

1. Press *i* to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Press ► (navigation key) once to display the *Program* menu.
4. Ensure **Speed Dials** is highlight and press **OK**.
This displays *Program Speed Dials*.
5. Using the ▲ and ▼ (navigation keys) highlight **Move** and press **OK**.
This displays page one of the four speed dial pages.
6. Ensure the required speed dial page is displayed (use the ▲ and ▼ navigation keys to change the page).
7. Press the speed dial key that needs to be moved.
8. For the new speed dial location ensure the required speed dial page is displayed (use the ▲ and ▼ navigation keys to change the page).
9. Choose where to locate the speed dial by pressing the appropriate speed dial key.

Selecting a speed dial that is already occupied will overwrite the key.

Deleting Speed Dials

To delete a speed dial:

1. Press **i** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Press **▶** (navigation key) once to display the *Program* menu.
4. Ensure **Speed Dials** is highlight and press **OK**.

This displays *Program Speed Dials*.

5. Using the **▲** and **▼** (navigation keys) highlight **Delete** and press **OK**. This displays the *Directories*.

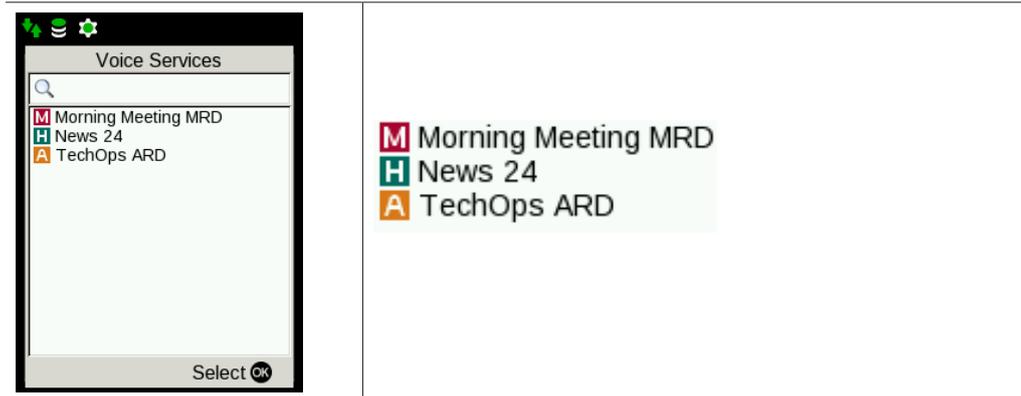
This displays page one of the four speed dial pages.

6. Ensure the required speed dial page is displayed (use the **▲** and **▼** navigation keys to change the page).
7. Press the speed dial key that needs to be deleted.

Voice Services

A voice service is a hoot (also known as a broadcast) or a private wire (also known as private lines). A private wire is a manual ringdown (MRD) or automatic ringdown (ARD).

The illustration below is example of the voice services menu with three voice services.



The letter next to the voice service description indicates the voice service type.

H - Hoot

M - Manual Ringdown (MRD)

A - Automatic Ringdown

As previously mentioned the SE 708 Deskstation can run on a non iCS hoot platform. The following features and functions are prevented on this platform:

- The SIP registration icon is completely removed from the status icons.
- No dial number is displayed on the home screen.
- The *Call Register*, *Intercom Privacy*, *Speed Dial* and *Auto Announce Tone* menus are disabled.
- The *redial* and *transfer* keys are disabled.
- The directories menu navigates to voice services.
- The alpha numeric key pad is disabled.

Programming Voice Services

Adding Voice Services to Speaker Channels

A voice service needs to be added to a speaker channel before it can be used.

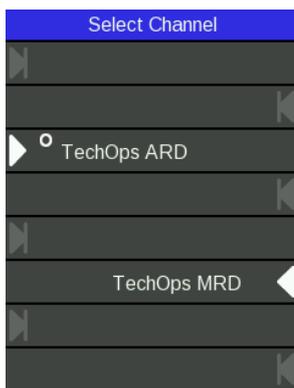
To add a voice service to a speaker channel:

1. Press **i** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Press **▶** (navigation key) once to display the *Program* menu.
4. Using **▲** and **▼** (navigation keys) highlight **Speaker Keys** and press **OK**.
This displays *Program Speaker Keys*.
5. Ensure **Add** is highlighted and press **OK**.
This displays a list of voice services.
6. Using **▲** and **▼** highlight the required voice service and press **OK**.

Deleting Voice Services from Speaker Channels

To remove a voice service from a speaker channel:

1. Press **i** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Press **▶** (navigation key) once to display the *Program* menu.
4. Using the **▲** and **▼** (navigation keys) highlight **Speaker Keys** and press **OK**.
This displays *Program Speaker Keys*.
5. Using **▲** and **▼** highlight **Delete** and press **OK**.
This displays the *Select Channel* page.



Please note the above illustration is used for example purposes only.

6. Select the required speaker channel to delete the voice service.

ARD Calls

Making an ARD Call

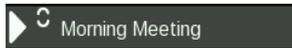


Please ensure the appropriate voice service is added to a speaker channel prior to attempting to listen to it. For more information, see *Adding a Voice Service to a Speaker Key* on page 54.

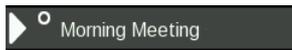
To make an ARD call:

1. Ensure the Speaker page is displayed.
2. Locate and press the speaker channel which contains the ARD voice service.

The icons on the illustration below are displayed on the line key during the ringing/call connection stage.



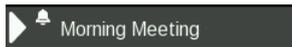
3. When the call is answered at the far end the line key will look similar to the illustration below.



4. Talk when the call is connected.

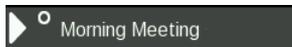
Receiving an ARD Call

The icons within the illustration below are displayed when receiving an ARD call.



Press the appropriate line key to accept the call.

When the call is answered the line key will look similar to the illustration below.



Talk when the call is connected.

Listening to Voice Services



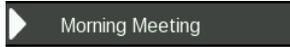
Please ensure the appropriate voice service is added to a speaker channel prior to attempting to listen to it. For more information, see *Adding a Voice Service to a Speaker Key* on page 54.

Listening to Hoot Voice Services

To listen a hoot voice service:

1. Ensure the Speaker page is displayed and locate the speaker channel with the required hoot voice service.

It should look similar to the illustration below (excluding the text).



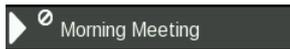
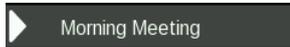
2. Ensure the master and/or speaker channel volume are at the appropriate audio level.

Listening to MRD Voice Services

To listen an MRD voice service:

1. Ensure the Speaker page is displayed and locate the speaker channel with the required MRD voice service.

It should look similar to the two illustrations below (excluding the text).



The icon on the first illustration indicates no audio is being transmitted and received on the voice service. The icons on the second illustration indicates audio is being transmitted and received on the voice service.

2. Ensure the master and/or speaker channel volume are at the appropriate audio level.

Talking back to Hoot/MRD Voice Services



Please note that one requires talk permissions to talk back to voice services. For more information, please contact your System Administrator.

To talk back to a Hoot/MRD voice service:

1. Ensure the Speaker page is displayed.
2. Press and hold down the appropriate speaker channel if the key is unlatched.

OR

Press and release the appropriate speaker channel if the key is latched.

Gooseneck/Internal Microphone LED is lit solid green when the above step is completed indicating the voice path is open.



3. Talk when the voice path is open.

4. When you have finished speaking:
 - release the speaker channel if the key is unlatched or
 - press and release the appropriate speaker channel if the key is latched.

Ring on Busy (MRD)

The *Ring on Busy* option is specific to MRDs and can be set to either *On* or *Off*. It allows the far end, when set to *On*, to ring an MRD channel when the line is in use. When set to *Off* ringing will be muted on the MRD channel when in use.

To turn on/off the *Ring On Busy* feature:

1. Press **OK** to display the *Main* menu.
2. Press **▶** (navigation key) once to display the *Program* menu.
3. Using the **▲** and **▼** (navigation keys) highlight **Alerts** and press **OK**.



4. Using **◀** and **▶** to change the setting to *On* or *Off*.
5. Press **OK** (Save) to save the change.

Signal an MRD Voice Service

To signal an MRD Voice Service:

1. Press **Speaker**.

The label *Select Channel* is displayed on the screen for approximately three seconds.

2. Press the appropriate speaker channel key.

The selected speaker channel's state changes from speaker to handset mode. This is indicated by its icon changing from  to .

Press the speaker channel's associated soft key to remove handset mute.

3. Press the * (star) key to ring the MRD channel at the far end.

Muting all Speaker Channels



This muting method does not mute MRDs and ARDs.

To mute all speaker channels:

1. Press *i* to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Using the ▲ and ▼ (navigation keys) highlight **Mute Speakers** and press **OK**.

Muting Individual Speaker Channels

To mute an individual speaker channels:

1. Ensure the Speaker page is displayed.
2. Press ► (navigation key) once.

The text *Select Channel* is displayed at the top of the speaker page.



The illustration above is used for example purposes.

3. Press the appropriate speaker channel to mute it.

The LED associated with the speaker channel will flash red and green indicating it is muted.

4. Repeat the above steps to remove mute from an individual channel.

Removing Voice Services from Speaker Channel

Removing a voice service from a speaker channel is identical to deleting a voice service a voice service from a speaker channel. For more information, see *Deleting Voice Services from Speaker Channels* on page 64.

Speakers

Speaker Channels

As previously mentioned the SE 708 includes a Speaker page with eight speaker channels and eight associated keys. These keys are used to add voice services. This section will explain how to add, edit, move and delete voice services from a speaker channel through the *Speaker Key* menu. Please note that voice services can also be added to speaker channels through the *Voice Services* menu. For more information using the Voice Services menu, see *Programming Voice Services* on page 54.

Adding Voice Services to Speaker Channels

To add a voice service to a speaker channel:

1. Press *i* to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Press **▶** (navigation key) once to display the *Program* menu.
4. Using the **▲** and **▼** (navigation keys) highlight **Speaker Keys** and press **OK**.

This displays *Program Speaker Keys*.

5. Ensure **Add** is highlighted and press **OK**.

This displays a list of voice services.

6. Using **▲** and **▼** highlight the required voice service and press **OK**.

Editing Speaker Channels

To edit a speaker channel:

1. Press *i* to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Press **▶** (navigation key) once to display the *Program* menu.
4. Using the **▲** and **▼** (navigation keys) highlight **Speaker Keys** and press **OK**.

This displays *Program Speaker Keys*.

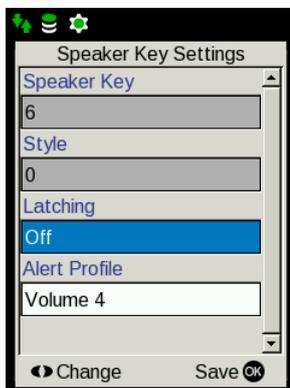
5. Using **▲** and **▼** highlight **Edit** and press **OK**.

This displays the *Select Channel* page.



Please note the above illustration is used for example purposes only.

6. Select the key associated to the required speaker channel to display its properties.

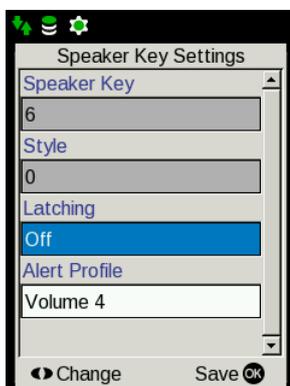


7. Make the required changes and press **OK** (Save).

For a full discription of the settings in the above illustration, see *Speaker Key Properties* in the section below .

Speaker Key Properties

The Speaker Key properties are displayed through the speaker edit menu (see the section above). This section describes each setting.



- **Speaker Key** - This option is read only and displays the speaker key's position on the page. A value on *1* means the speaker is at the very top of the page. A value of *8* means the speaker key is at the very bottom of the page.
- **Style** - This option is reserved for future functionality.
- **Latching** - Enables/Disables latching. When set to *On* (latching) members will need to press and release the speaker key. This will open the voice path. Pressing and releasing the speaker key again will close the voice path. When set to *Off* (non latching) members will need to press and hold down the speaker key key to talk.
- **Alert Profile** - Sets the volume level for incoming ARD and MRD alerts. The value range within the setting is *1* to *10* and *Ringing Off*.

Moving Speaker Channels

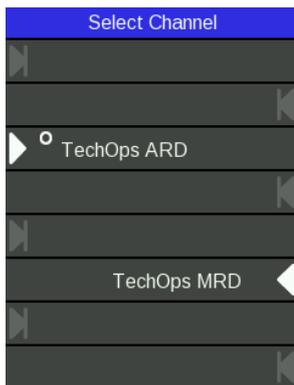
To move a speaker channel:

1. Press **i** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Press **▶** (navigation key) once to display the *Program* menu.
4. Using the **▲** and **▼** (navigation keys) highlight **Speaker Keys** and press **OK**.

This displays *Program Speaker Keys*.

5. Using the **▲** and **▼** highlight **Move** and press **OK**.

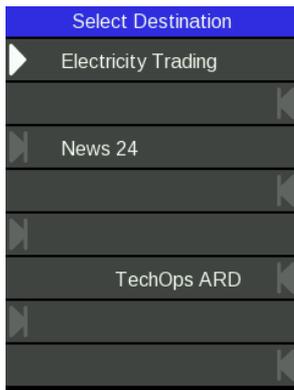
This displays the *Select Channel* page.



Please note the above illustration is used for example purposes only.

6. Select the speaker key for the voice service that needs to be moved.

This displays the *Select Destination* page.



7. Choose where to locate the voice service by pressing the appropriate speaker key.

Selecting a speaker key that is already occupied will overwrite the key.

Deleting Voice Services from Speaker Channels

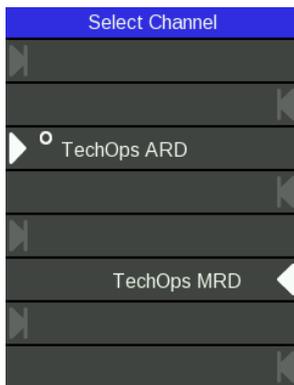
To delete a speaker channel:

1. Press **i** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Press **▶** (navigation key) once to display the *Program* menu.
4. Using the **▲** and **▼** (navigation keys) highlight **Speaker Keys** and press **OK**.

This displays *Program Speaker Keys*.

5. Using the **▲** and **▼** highlight **Delete** and press **OK**.

This displays the *Select Channel* page.



Please note the above illustration is used for example purposes only.

6. Select the key associated with the required speaker channel to delete the voice service.

Speaker Settings

The *Speaker Settings* menu contains options to set the latching type, speaker source and the disabling of the master volume. It is located within the *Settings* menu.



Latch Mode

A speaker channel is latched when the latch setting on the speaker key is set to *On*. For more information on how to turn off/on the latch setting on speaker channels, see *Speaker Key Properties* on page 62. The Latch Mode setting contains two options: Tap-Latch and Push-to-Latch. To access the setting:

1. Press **OK** to display the *Main* menu.
2. Press **►** (navigation key) twice to display the *Settings* menu.
3. Using the **▲** and **▼** (navigation keys) highlight **Speaker Settings** and press **OK**.

This displays the *Speaker Settings* options.

4. Highlight the **Latch Mode** option and use the **►** navigation key to select between **Tap-Latch** and **Push-to-Latch**.
 - **Push-to-Latch** - When Push-to-latch is set one is required to press and release the speaker key. This will open the voice path. Repeating this action will close the voice path.
 - **Tap-Latch** - Tap-Latch has two operational functions. (1) Like Push-to-latch one is required to press and release the speaker key. This will open the voice path. Repeating this action will close the voice path. (2) When the speaker key is in a monitored state one can press and hold down the speaker key to open the voice path. When the key is released the voice path is closed.

Speaker Source

The speaker source option is used to set the audio source. To access the option:

1. Press **I** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Press **▶** (navigation key) twice to display the *Settings* menu.
4. Using the **▲** and **▼** (navigation keys) highlight **Speaker Settings** and press **OK**.

This displays the *Speaker Settings* options.

5. Highlight the **Speaker Source** option and use the **▶** navigation key to select between **Microphone** and **Handset**.
 - **Microphone** - This option refers to both the internal and gooseneck microphones. When this setting is selected audio is transmitted from the gooseneck microphone when one is attached or from the internal microphone when a gooseneck microphone is not attached.
 - **Handset** - This option refers to the handset port located at the back of the SE 708. When this setting is selected and a handset is attached audio is transmitted and received through the port.

Master Volume

Within the Speaker Settings the Master Volume can be enabled or disabled. When it is disabled the volume on each speaker key works independently of the master volume control. When it enabled the master volume has overall control of the speaker key volume levels. For example, no audio will be heard when the master volume is turned down to the lowest level. This is regardless if the speaker key volume levels are turned up to their highest level. To access the Master Volume setting:

1. Press **I** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Press **▶** (navigation key) twice to display the *Settings* menu.
4. Using the **▲** and **▼** (navigation keys) highlight **Speaker Settings** and press **OK**.

This displays the *Speaker Settings* options.

5. Highlight the **Master Volume** option and use the **▶** navigation key to select between **On** and **Off**.

Quiet Office

Quiet Office when enabled sends all voice service audio to a handset / headset when one is attached.

To enable quiet office:

1. Press **i** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Press **►** (navigation key) twice to display the *Settings* menu.
4. Ensure *Speaker Settings* is highlighted and press **OK**.

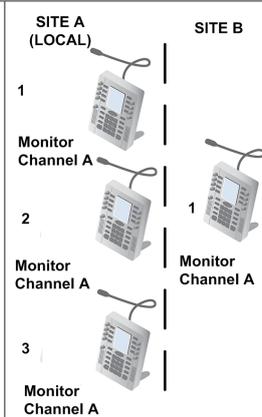
This displays the Speaker Settings which are described below.



5. Using the **▲** and **▼** (navigation keys) highlight **Quiet Office Mode**.
6. Press **►** (navigation key) once to change **OFF** to **ON**.
7. Press **OK** to save the changes.

Global Muting

Global muting is a muting function applied on lines and can only be set through iManager. It is applicable to hoots and ARD and MRD calls. It is best described using an example. Take, for example, a speaker channel that is monitored by several local and remote SE 708 units. If a local SE 708 changes the channel state from monitor to talk the speaker channel is muted on the other local SE 708s. Remote units are still able monitor the same speaker channel. The scenario illustration located on the right helps to make this clearer. The illustration shows two sites monitoring Channel A. Site A is the local site, and Site B the remote site.



Contact your System Administrator for more information on Global Muting.

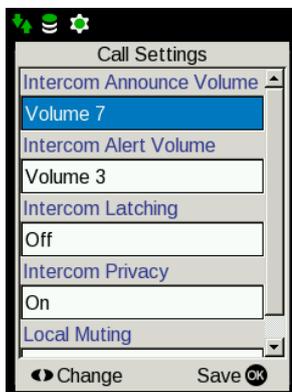
Call Settings

Call Settings Properties

The Call Settings properties contains a number settings. To navigate to the settings:

1. Press **i** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Press **▶** (navigation key) twice to display the *Settings* menu.
4. Using **▲** and **▼** (navigation keys) highlight **User Settings** and press **OK**.

This displays the *Call Settings* which are described below.



- **Intercom Announce Volume** - Sets the audible beep volume level that is played (providing privacy is disabled) at the beginning of an incoming point to point and group call. The value range within the setting is 1 to 10 with 1 playing the quietest tone and 10 the loudest.
- **Intercom Alert Volume** - Sets the ringing volume level for incoming point to point calls when privacy is enabled. The value range within the setting is 1 to 10 and *Ringling Off*.
- **Intercom Latching** - Enables/Disables latching on group call conferences. When set to *On* (latching) members (not including the chairperson) within group call conferences will need to press and release the * (star) key. This will open the voice path. Pressing and releasing the * (star) key again will close the voice path. When set to *Off* (non latching) members (not including the chairperson) within group call conferences will need to press and hold down the * (star) key to talk.
- **Intercom Privacy** - Enables privacy when set to *On* and disables privacy when set to *Off*.
- **Local Muting** - The options contained within this setting are *Duplex* and *Simplex*.

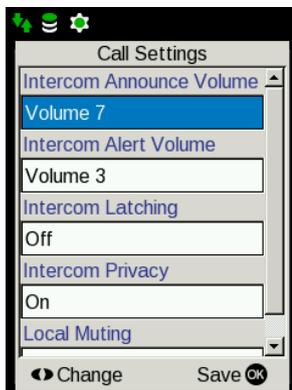
- **Duplex** - Mutes all speaker channels in monitor mode when audio is transmitted on one of the channels.
- **Simplex** - Mutes all speaker channels regardless of their state when audio is transmitted on one of the channels.
- **Automatic Call-back** - The Intercom Automatic Call-back feature, when enabled, automatically makes an ID 712 call the first intercom number it received when it is engaged on a call. For more information, See the *Intercom Automatic Call-back* section below.

Intercom Automatic Call-back

The Intercom Automatic Call-back feature, when enabled, automatically makes an SE 708 call the first intercom number it received when it is engaged on a call. To enable Intercom Automatic Call-back:

1. Press **i** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Press **▶** (navigation key) twice to display the *Settings* menu.
4. Ensure **Call Settings** is highlighted and press **OK**.

This displays the *Call Settings* which are described below.



5. Using **▲** and **▼** (navigation keys) highlight **Automatic Call-back** and press **▶** to display **On**.
6. Press **OK** to save the change.

Call Forward

This feature when enabled redirects a point to point call to another point to call destination.

To set up call forward:

1. Press **i** to display the intercom screen.

2. Press **OK** to display the *Main* menu.
3. Press **▶** (navigation key) twice to display the *Settings* menu.
4. Using **▲** and **▼** (navigation keys) highlight **Call Forward** and press **OK**.
This displays the *Call Forward Settings* which are described below.
5. Ensure **Intercom Call Forwarding** is highlighted and press **OK**.



6. Using **▶** (navigation key) enable the **Intercom Call Forwarding** option with either **On Busy** or **Always**, depending on your preference.
7. Select the user to forward the call to by:
 - Highlighting the **Intercom Call Fwd Name** option and pressing **▶** (navigation key). This will display the list of users from the *Global Directory*.
 - Highlight the required user and press **OK**. This will return the device back to the *Intercom Forward Settings* screen.
8. Press **OK** to save the changes. This will display a blue arrow in the *Status Icons* area.



User Settings

Re-synchronising the SE 708 Deskstation

There are occasions when the SE 708 Deskstation needs to re-synchronised, in order to be in synchronisation with the iCMS server. For example, to update changes made on the deskstation through the iManager management application.

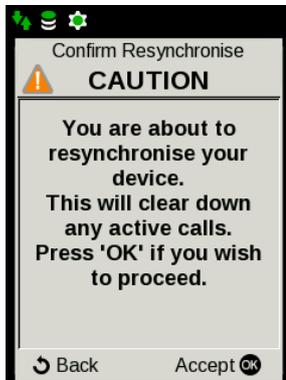
To re-synchronise the SE 708 Deskstation:

1. Press **i** to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Press **▶** (navigation key) twice to display the *Settings* menu.
4. Using the **▲** and **▼** (navigation keys) highlight **User Settings** and press **OK**.

This displays the *User Settings* menu options.

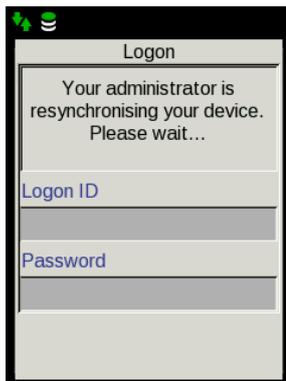
5. Using the **▲** and **▼** (navigation keys) highlight **Device Resync** and press **OK**.

This displays the *Confirm* screen.



6. Press **OK** (Accept) to confirm you would like to re-synchronise the SE 708.

The screen below is displayed during the re-synchronisation process.



The speaker or speed dial screen is displayed when the re-synchronisation process has finished.

Logging On/Off

Please refer to *Login On* and *Login Off* on page 28.

User Preferences

The User Preferences properties contains a number of settings. To navigate to the settings:

1. Press *i* to display the intercom screen.
2. Press **OK** to display the *Main* menu.
3. Press **▶** (navigation key) twice to display the *Settings* menu.
4. Using the **▲** and **▼** (navigation keys) highlight **User Settings** and press **OK**.

This displays the *User Settings* menu options.

5. Using the **▲** and **▼** (navigation keys) highlight **User Preferences** and press **OK** to display *User Preferences* settings.
6. The *User Preferences* settings are described in the section below.

User Preferences Properties

The User Preferences properties contains the following settings: Environment, Acoustic Shock Protection and Handset Mode. These settings are described below.



- **Environment** - These settings effect how the intercom deskstation is heard by the receiving party. They are described below.
 - **Trader 1** - This setting removes all background sound during a call at the far end when an SE 708 caller is not talking. The far end caller hears silence when the SE 708 caller stops speaking.
 - **Trader 2** - This setting does not remove background sound during a call at the far end when an SE 708 caller is not talking. The far end caller will hear all background noise when the SE 708 caller stops speaking.
 - **Office** - This setting is ideal for quiet office environments. It uses a facility called automatic gain control (AGC). If an SE 708 caller talks loud whilst this option is set, the sound level heard at the far end is gradually reduced by the AGC to an acceptable level. Similarly, if an SE 708 caller talks quietly, the sound level heard at the far end is gradually increased to an acceptable level. In both mentioned circumstances the AGC attempts to keep the speech at a constant sound level.
- **Acoustic Shock Protection** - The acoustic shock protection setting must always be turned on, in order to comply with standard BS6317 for Speakerbus approved handsets/headsets. The setting can be set to either *On* or *Off*.
- **Handset Mode** - This setting affect how the handset works during a call. It contains two settings.
 - **Push To Talk** - When enabled the handset button needs to be pressed and held down (un-latched) to talk during a call.
 - **Push To Mute** - When enabled pressing and holding down the handset button mutes the handset microphone during a call.

Announcement Tone Volume

This setting is used to set the volume of the announcement tone. To set the announcement tone volume level:

1. Press *i* to display the intercom screen.

2. Press **OK** to display the *Main* menu.
3. Press **▶** (navigation key) twice to display the *Settings* menu.
4. Using the **▲** and **▼** (navigation keys) highlight **Call Settings** and press **OK**.

This displays the *Call Settings* properties.



5. Ensure **Intercom Announce Volume** is highlighted use the **◀** and **▶** navigation keys to adjust the volume level.
6. Press **OK** (Save) to save the changes.

Engineering Tools

When accessing the engineering tools menu for the first time, an authorisation screen is displayed. You will be required to type the administration password before proceeding any further.

Ping Tool

The Ping tool is used to test whether an IP address or fully qualified domain name can be reached over the network.

To perform a Ping test:

1. Press **i** to display the intercom screen.
2. Press **OK** to display *Main*.
3. Press **▶** twice to display *Settings*.
4. Using **▲** and **▼**, highlight **Engineering Tools** and press **OK**.

This displays *Engineering Tools*. If this is the first time the *Engineering Tools* option is being used an *Admin Login* screen is displayed. You will be required to type an administration password before proceeding further.

5. If prompted, type the administration password in **Password**. If not prompted to type a password, please proceed to step 5.
6. Ensure **Ping** is highlighted and press **OK**.



7. Type either an IP address (use the * key to add a full stop) or a recognised domain name, and press **OK** to start the test. For more information, contact your System Administrator.
8. Examine the on screen data when the test has finished.
9. When the test is finished press **↶** to return to the previous screen.

Trace Route

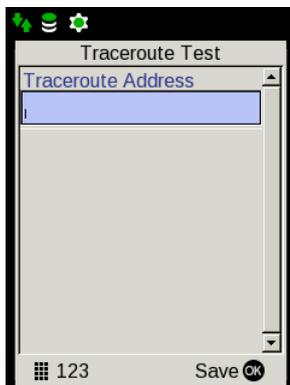
Trace Route is a network diagnostic tool for displaying the route (path) and measuring transit delays of packets across an Internet Protocol (IP) network. It is particularly useful for working out the route (number of hops) to iG330 Gateways. Knowing the route will allow one to set the correct time to live value (TTL).

To perform a Trace Route test:

1. Press **i** to display the intercom screen.
2. Press **OK** to display *Main*.
3. Press **▶** twice to display *Settings*.
4. Using **▲** and **▼**, highlight **Engineering Tools** and press **OK**.

This displays *Engineering Tools*. If this is the first time the *Engineering Tools* option is being used an *Admin Login* screen is displayed. You will be required to type an administration password before proceeding further.

5. If prompted, type the administration password in **Password**. If not prompted to type a password, please proceed to step 5.
6. Using **▲** and **▼**, highlight **Traceroute** and press **OK**.



7. Type either an IP address (use the * key to add a full stop) or a recognised domain name, and press **OK** to start the test. For more information, contact your System Administrator.
8. Examine the on screen data when the test has finished.
9. When the test is finished press **↶** to return to the previous screen.

Configure Device

Device IP Address

Accessing the Device IP Address Settings

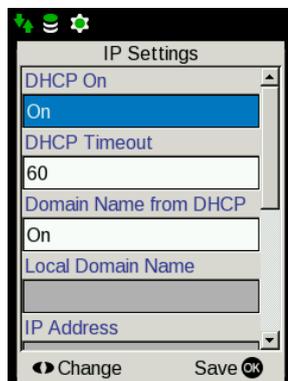
To access the Device IP Address settings:

1. Press *i* to display the intercom screen.
2. Press **OK** to display *Main*.
3. Press **▶** twice to display *Settings*.
4. Using **▲** and **▼**, highlight **Engineering Tools** and press **OK**.

This displays *Engineering Tools*. If this is the first time the *Engineering Tools* option is being used an *Admin Login* screen is displayed. You will be required to type an administration password before proceeding further.

5. If prompted, type the administration password in **Password**. If not prompted to type a password, please proceed to step 5.
6. Using **▲** and **▼**, highlight **Configure Device** and press **OK**.
7. Ensure **Device IP Address** is highlighted and press **OK**.

This displays the *IP Settings* screen.



Please see the section below for more information on the settings.

Device IP Address Settings

The device IP address settings consists of the following:

- **DHCP On** - This option can be set to either *On* or *Off*. When set to *On* the following options will not be active: IP Address, Network Mask, Gateway Address, DNS Server IP address, Localhost Name and Local Domain Name.
- **DHCP Timeout** - This option allows one to set when the DHCP will timeout. The option is active when *DHCP On* is set to *On*.

- **Domain Name from DHCP** - This option can be set to either *On* or *Off*. The option is active when *DHCP On* is set to *On*.
- **Local Domain Name** - This option allows one to set a local domain name. The option is active when *DHCP On* is set to *Off*.
- **IP Address** - This option allows one to set an IP address. The option is active when *DHCP On* is set to *Off*.
- **Network Mask** - This option allows one to set a netmask address. The option is active when *DHCP On* is set to *Off*.
- **Gateway Address** - This option allows you to set a gateway address. The option is active when *Enable DHCP* is set to *Off*.
- **DNS Server** - This option allows you to set a DNS server IP address. The option is active when *DHCP On* is set to *Off*.
- **Localhost Name** - This option allows you to set a local host name. The option is active when *DHCP On* is set to *Off*.

iCMS Server

Setting used to configure a static primary IP address for the SE 708 to connect to iCMS. If no IP address (0.0.0.0) is set then the SE 708 will use either DHCP or DHCP and DNS to locate the iCMS. Please refer to the appendix section within the *iCMS Administrator's Guide* for more information.

Accessing the iCMS Server Settings

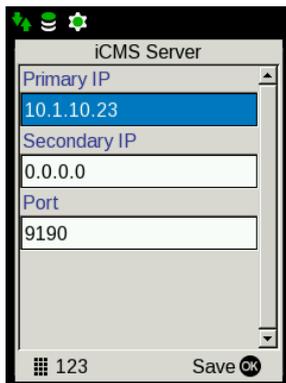
To access the Device IP Address settings:

1. Press **i** to display the intercom screen.
2. Press **OK** to display *Main*.
3. Press **▶** twice to display *Settings*.
4. Using **▲** and **▼**, highlight **Engineering Tools** and press **OK**.

This displays *Engineering Tools*. If this is the first time the *Engineering Tools* option is being used an *Admin Login* screen is displayed. You will be required to type an administration password before proceeding further.

5. If prompted, type the administration password in **Password**. If not prompted to type a password, please proceed to step 5.
6. Using **▲** and **▼**, highlight **Configure Device** and press **OK**.
7. Ensure **Device iCMS Server** is highlighted and press **OK**.

This displays the *iCMS Settings* screen.



The IP address used in the above illustration is used for example purposes only.

iCMS Server Settings

The iCMS server settings consists of the following:

- **Primary IP** - This option allows one to set the primary IP address.
- **Secondary IP** - This option is not currently supported.
- **Port** - This option allows one to set the port address.



If the Primary IP address (0.0.0.0) is not set then the SE 708 will use either DHCP or DHCP and DNS to locate the iCMS.

Network Settings

Accessing the Network Settings

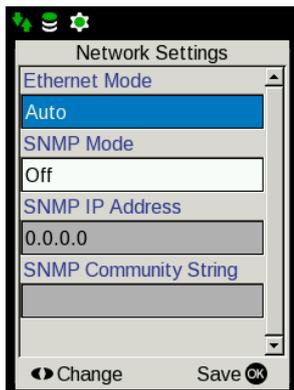
To access the Network settings:

1. Press *i* to display the intercom screen.
2. Press **OK** to display *Main*.
3. Press **▶** twice to display *Settings*.
4. Using **▲** and **▼**, highlight **Engineering Tools** and press **OK**.

This displays *Engineering Tools*. If this is the first time the *Engineering Tools* option is being used an *Admin Login* screen is displayed. You will be required to type an administration password before proceeding further.

5. If prompted, type the administration password in **Password**. If not prompted to type a password, please proceed to step 5.
6. Using **▲** and **▼**, highlight **Configure Network** and press **OK**.
7. Ensure **Other Network Settings** is highlighted and press **OK**.

This displays the *Network Settings* screen.



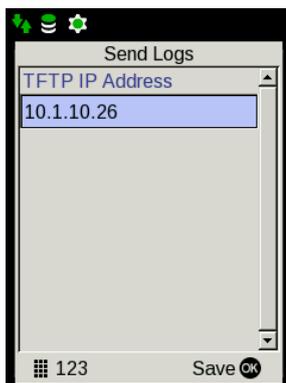
Network Settings

The Network settings consists of the following:

- **Ethernet Mode** - This option contains the following settings: Auto, 100 mbps full duplex, 100 mbps half duplex and 10 mbps full duplex. It is essential that this setting matches the setting used on the network equipment the iD 712 is connecting to.
- **SNMP Mode** - This option can be set to either *On* or *Off*. When set to *On* the following options will not be active: SNMP IP and SNMP Public String.
- **SNMP IP** - This option allows you to set the SNMP IP address.
- **SNMP Public String** - This option allows you to set the SNMP public text string.

Send Logs

The *Send Logs* option sends a zipped file of all log and status information to a TFTP server. It is used for diagnostic purposes. The TFTP server IP address is set in the TFTP IP text box within *Send Logs*.



The TFTP address displayed in the above illustration is used for example purposes only. The information sent to the TFTP server is dependent on the options chosen in the *Log Settings* menu. For more information see, *Log Settings* on page 82.

Sending Logs to a TFTP Server

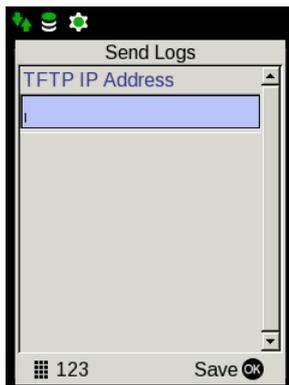
To send logs to a TFTP server:

1. Press *i* to display the intercom screen.
2. Press **OK** to display *Main*.
3. Press **▶** twice to display *Settings*.
4. Using **▲** and **▼**, highlight **Engineering Tools** and press **OK**.

This displays *Engineering Tools*. If this is the first time the *Engineering Tools* option is being used an *Admin Login* screen is displayed. You will be required to type an administration password before proceeding further.

5. If prompted, type the administration password in **Password**. If not prompted to type a password, please proceed to step 5.
6. Using **▲** and **▼**, highlight **Send Logs** and press **OK**.

This displays the *Send Logs* screen.



7. Type the TFTP IP address in the *TFTP IP* text box and press **OK**.

If you typed a valid TFTP IP address the screen will display information similar to what is displayed in the illustration below.



A **.tar.gz** file containing diagnostic information will be created at sent to the

TFTP server address.

Log Settings



Speakerbus may require logs for technical support purposes. They will provide guidance on which logs to enable.

This option contains various log settings for diagnostic purposes. The logs are sent to a TFTP server when the *Send Logs* option is used. For more information on sending logs, see *Send Logs* in the above section. To access the log settings:

1. Press **i** to display the intercom screen.
2. Press **OK** to display *Main*.
3. Press **▶** twice to display *Settings*.
4. Using **▲** and **▼**, highlight **Engineering Tools** and press **OK**.

This displays *Engineering Tools*. If this is the first time the *Engineering Tools* option is being used an *Admin Login* screen is displayed. You will be required to type an administration password before proceeding further.
5. If prompted, type the administration password in **Password**. If not prompted to type a password, please proceed to step 5.
6. Using **▲** and **▼**, highlight **Log Settings** and press **OK**.
7. Set the appropriate settings as directed by Speakerbus Technical Support.



Changing the logging options can slow down the responsiveness of the deskstation. It should only be changed when investigating issues.

Factory Defaults

The factory default option will take the SE 708 Deskstation back to the factory default settings.

To take the SE 708 Deskstation back to its factory default settings:

1. Press **i** to display the intercom screen.
2. Press **OK** to display *Main*.
3. Press **▶** twice to display *Settings*.
4. Using **▲** and **▼**, highlight **Engineering Tools** and press **OK**.

This displays *Engineering Tools*. If this is the first time the *Engineering Tools* option is being used an *Admin Login* screen is displayed. You will be required to type an administration password before proceeding further.

5. If prompted, type the administration password in **Password**. If not prompted to type a password, please proceed to step 5.
6. Using **▲** and **▼**, highlight **Factory Defaults** and press **OK**.

A confirmation screen is displayed asking if you are sure you want to load all defaults.



7. Press **OK** to load the factory defaults.

Microphones, Handsets and Headsets

Microphones

Speakerbus supply the following types of microphones with this deskstation:

- **Close Talking Microphone** – This microphone requires you to talk in close proximity (within 2 inches) to the microphone.
- **Cardiod Microphone** – This microphone allows you to talk approximately 8 inches away from the microphone.
- **Open Microphone** - This is in-built and part of the SE 708 unit.



- Cardiod and Open Microphones are not suitable in a all environments.
- Please refer to the *Ordering Information and Accessories* section on page 89 for more information on microphones.

Handset

Handset Push to Talk

Please ensure the *Push To Talk* handset mode setting is enabled beforehand. For more information, see *Handset Mode* within *User Preferences* on page 72.

To talk on a handset during a call:

1. First ensure the call is connected.
2. Press the **speaker** key to change deskstation state from microphone and speaker to handset / headset.

The handset icon with a red dot is displayed on the status bar. This indicates the handset is muted.



3. Press and hold the handset button to talk.

The red dot is removed from the handset icon when the handset button is pressed and held down. This indicates the voice path is opened.



Mute Handset

Please ensure the *Push To Mute* handset mode setting is enabled beforehand. For more information, see *Handset Mode* within *User Preferences* on page 72.

To mute handset during a call:

1. First ensure the call is connected.
2. Press the **speaker** key to change deskstation state from microphone and speaker to handset / headset.

The icon is displayed on the status bar.



3. Press and hold the handset button to mute the handset microphone.

The handset icon with a red dot is displayed on the status bar when the handset button is pressed and held down. This indicates the handset is muted.



Headset

Please ensure the *Handset Mode* within the *User Settings* is set to *Push-to-Mute*. For more information, see *Handset Mode* within *User Preferences* on page 72.

To talk on a headset.

1. First ensure the call is connected.
2. Press the **speaker** key to change deskstation state from microphone and speaker to handset / headset.

The icon is displayed on the status bar.



3. Talk.

Technical Specifications

Cable Requirements

Ethernet Interface

- Cable: Minimum Category 5e UTP. Maximum length 100m.
- Connector: RJ-45

System Management

System management through Speakerbus iManager software.

Recommended Input Devices

Handset

- Speakerbus momentary latching noise cancelling handset

Recommended Microphones

- Close Talking Noise Cancelling: 550 x 8.5 mm (52-09-021)
- Cardioid: 550 x 8.5 mm (52-09-022)

Dimensions

- Height: 200mm
- Width: 166mm
- Depth: 160mm
- Weight: 1.2kg

Power Requirements

- Typical: 6W
- Maximum: 12.95W

Environmental Performance

Operational Environment

- Temperature: 5°C – 35°C
- Relative Humidity: 10% - 85 % RH (non condensing)

Storage Environment

- Temperature 0°C – 60°C
- Humidity 10% - 85 % RH

Safety and Compliance

Deskstation

In addition to the safety information contained in this section, please refer to the SE 708 Safety Instructions (SAF708).

CE Mark

The “CE” mark affixed to this equipment means that the unit complies with relevant directives.

Class I Pluggable Equipment Type A



This section is applicable if the SE 708 is provided with the optional Power over Ethernet AC adapter.

Speakerbus Part Number - iD POE.

The SE 708 has been certified to meet IEC 60950-1 and is provided with a Class 1 pluggable PSU as part of this approval. This type of PSU requires an earthed mains socket-outlet.

This equipment must be connected to an earthed mains socket-outlet.

Finland “Laite on liitettävä suojakosketinpistorasiaan”

Norway “Apparaten må tilkoples jordat stikkontakt”

Sweden “Apparaten skall anslutas till jordat uttag”

Declaration of Conformity

This equipment conforms to the following directives: EN60950-1, EN55022 and EN55024.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class A device, pursuant to Part 15 of the FCC Rules.

Warnings

The Speakerbus SE 708 intercom and broadcast station has been approved from an EMC and Product Safety perspective for use with Unshielded Twisted Pair (UTP) patch cables. Use of screened or shielded patch cables with the SE 708 will invalidate important product approvals.

Ordering Information and Accessories

Deskstation

Deskstation Model	Sales Code
SE 708	SE 708

Handset

Deskstation Model	Sales Code
Momentary Handset	SE HSETM

Microphones

Deskstation Model	Sales Code
Close Talking Noise Cancelling Microphone 550 mm, 8.5 Diameter	52-09-021
Cardioid Microphone 500 mm, 8.5 Diameter	52-09-022

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