

iE801 Speaker Module

iE801 User Guide



WWW.SPEAKERBUS.COM



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Contents

About this Guide	6
Using this Guide	6
Related Manual.....	6
Further Help.....	6
Instruction Symbols	6
Out of the Box	7
Verify the Package Contents.....	7
iE801 Elements	8
Front View.....	8
Rear View	9
LEDs, Icons and Menus.....	9
Speaker Channel LEDs.....	9
Speaker Channel Icons.....	10
Speaker Page Icons and Labels	10
Speaker Menus	11
Main Menu	11
Program Menu	11
Speaker Volume	12
Adjusting the Speaker Volume	12
Adjusting the Master Rotary Volume Control	12
Adjusting Individual Rotary Volume Controls	12
Manual Ring Downs	13
Make Call using an MRD Channel	13
Ringling an MRD Channel	13
Speakers	14
Persistence of Speaker Channels	14
Assigning an Appearance to a Speaker Channel	14
Assigning a Call/Line, ARD, VPW or Intercom Appearance to a Speaker Channel.....	14
Assigning an MRD to a Speaker Channel.....	15
Assigning a Hoot to a Speaker Channel	16
Reverting an active Appearance back to Handset/Hands Free	16
Speaking on a Speaker Channel	16

Push-to-Latch.....	17
Call/Line, ARD, VPW and Intercom Appearances.....	17
Hoot/MRD Appearances	17
Tap-Latch	18
Call/Line, ARD, VPW and Intercom Appearances.....	18
Hoot/MRD Appearances	19
Push to Talk.....	19
Call/Line, ARD, VPW and Intercom Appearances.....	19
Hoot/MRD Appearances	20
Ending an Active Appearance, Call/Line, VPW, Intercom or ARD on a Speaker Channel.....	20
Clearing an Appearance off a Speaker Channel	21
Talking on iE801 Group Talk Keys.....	23
Mute.....	23
Mute all Speaker Channels	23
Muting an iE801's Speaker Channels	24
Line to Handset.....	24
Moving a Group Talk Speaker Channel to a Handset	25
Moving a Line back from Handset to Speaker Channel.....	25
Group Talk Member Muting.....	26
Muting a Group Talk Speaker Channel	26
Removing Mute from a Group Talk Speaker Channel.....	26
Programming	28
Setting the Function (F1) Key	28
Group Talk Keys.....	28
Adding Speaker Channels to the iE801 Group Talk Keys.....	29
Removing Speaker Channels from the iE801 Group Talk Keys.....	29
Member Muting	30
Speaker Channels.....	30
Adding Speaker Channels to the iE801	30
Speaker Channel Key Properties	31
Editing Speaker Channels.....	33
Moving Speaker Channels	33
Viewing Speaker Channels	34
Deleting Speaker Channels	35
Speaker Settings	35
Latch Mode	35
Push-to-Latch and Tap-Latch	36
iE801#1/(2) Settings.....	36
Accessing the iE801#1/(2) Settings	36

iE801#1/2 Settings Properties.....	37
Speaker Source	38
Speaker Page	39
Changing a Speaker Page	40
Gangging.....	42
Group Key Gangging	42
Mute Key Gangging	43
Technical Specifications.....	44
Dimensions.....	44
Environmental Performance	44
Operational Environmental.....	44
Storage Environmental.....	44
Safety and Compliance	45
General.....	45
CE Mark.....	45
Class I Pluggable Equipment Type A	45
Declaration of Conformity	45
FCC Statement	45
Abbreviations.....	46
Index	47

About this Guide

Using this Guide

Thank you for choosing the iE801 Speaker Module. This guide describes how to operate the iE801. The iE801 is attached to the iD808 turret and provides additional speaker channels. Before operating the iE801, please ensure you read the:

- iE801 Safety Instructions sheet
- The Out of the Box and Safety sections in this guide

Related Manual







Please refer to the iE816 Expansion Module / iE801 Speaker Module Quick Installation Guide (Sales Code: QS816).

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.

Instruction Symbols

The following symbols appear in this user guide:

- | | |
|---|---------------------------------------|
| OK | Press the OK navigation key. |
|  | Press the back/cancel navigation key. |
|  | Press the up navigation key. |
|  | Press the down navigation key. |
|  | Press the right navigation key. |
|  | Press the left navigation key. |
|  | Note/Tip |

Out of the Box

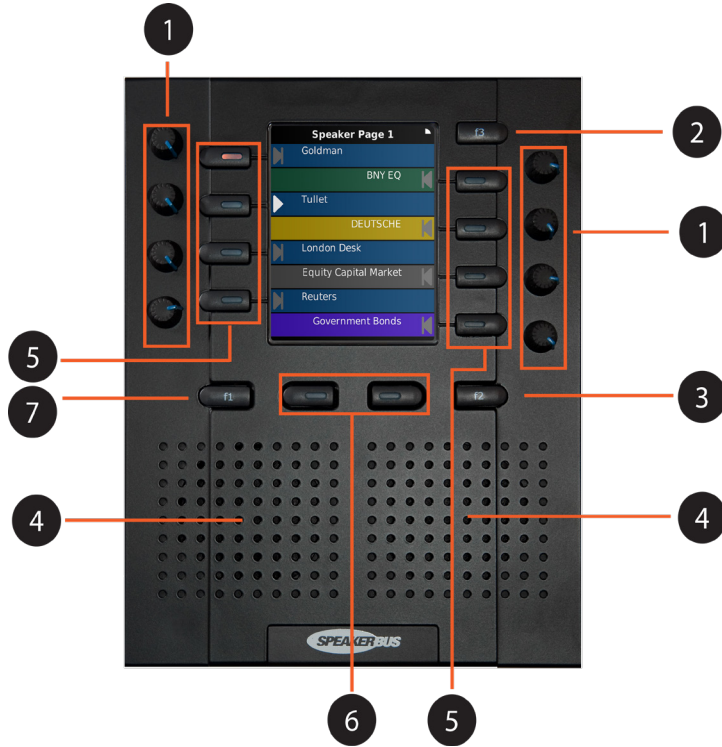
Verify the Package Contents

Please take time to verify the enclosed package contents:

- iE801 Expansion Speaker Module
- Metal bracket (supplied loose)
- Interconnection Board
- Three (M3 x 6mm) screws
- Cable Tidy Clip
- Power Link Cable (only supplied with each iE801)

iE801 Elements

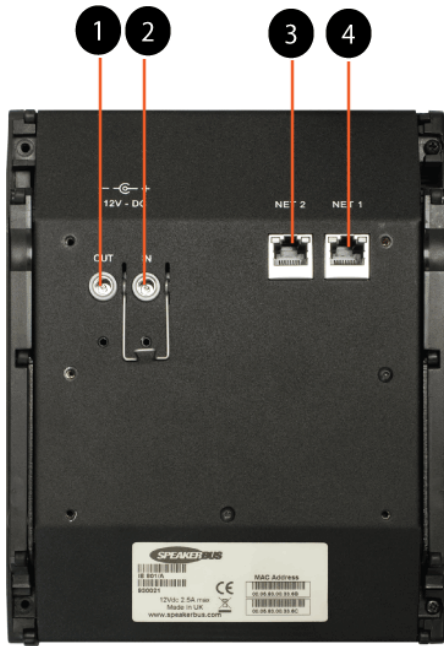
Front View



Key

Key No.	Description	Extended Description
1	Individual Rotary Volume Controls	Controls the speaker channel's audio level.
2	F3 Key	Mute / Mute All - Mutes speaker channels on an iE801 OR Mutes speaker channels on iD808 and all attached iE801s if ganged.
3	F2 Key	Program Key - Used to program the group talk keys.
4	Speakers	Speakers
5	Soft Keys	Key that is associated with the speaker channel.
6	Group Talk Keys	Used to talk to multiple speaker channels simultaneously.
7	F1 Key	This key can be set to: <ul style="list-style-type: none"> • Clear - Changes an active appearance's state on a speaker channel from active to idle and removes a Hoot/MRD appearance from a speaker channel. • Wipe - Removes appearances from speaker channels. • Signal - Rings a manual ring down channel.

Rear View



Key No.	Description	Extended Description
1	Out	Link cable socket.
2	In	Mains power socket.
3	NET 1	Primary Ethernet Network - 100 Base T Ethernet Interface.
4	NET 2	Secondary Ethernet Network - 100 Base T Ethernet Interface.









LEDs, Icons and Menus

Speaker Channel LEDs

State	Line LED	Speaker LED	Handset LED
Line on Handset	Green	Off	Orange if in Focus (or RED if muted)
Line on Speaker Idle	Off	Off	Orange if in Focus (or RED if muted)
Line on Speaker connected	Off	Voice activity detection (red) if applicable	Orange if in Focus (or RED if muted)
Line on Speaker, not connected and Alerting	Red Flash	Red Flash	Orange if in Focus (or RED if muted)
Line on Speaker connected mic open *	Off	Green or VAD (red) if applicable	Orange if in Focus (or RED if muted)
Line on Handset assigned on Speaker	Green	Orange or VAD (red) if applicable	Orange if in Focus (or RED if muted)
Line on Speaker connected and on hold	Orange Flash	Orange Flash	Orange if in Focus (or RED if muted)

* This includes the situation where the microphone is open as a result of an active group talk.

Speaker Channel Icons





Icon	Status	Icon	Status
	Idle		Seized Connecting
	Gooseneck Talk		Speaker Channel on Handset 1
	Speaker Channel on Handset 2		Talk and Listen Speaker Channel with non Active Microphone
	Failed Call		Listen Only Speaker Channel



For more information on how to move a call to a speaker channel, see *Moving an Appearance to a Speaker Channel* on page 30.

Speaker Page Icons and Labels

The Speaker Page icons and labels indicate the speaker page currently displayed on the iE801 screen. They are located at the top of the iE801 Speaker Module Screen. The table below shows and describes the different speaker page icons.

Label and Icon	Description
Speaker Page 1 	Speaker Page one
Speaker Page 2 	Speaker Page two
Speaker Page 3 	Speaker Page three
Speaker Page 4 	Speaker Page four

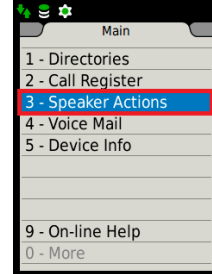


For more information on how to change the speaker page, see *Changing a Speaker Page* on page 40.

Speaker Menus

Main Menu

The speaker type menu option contained within the Main menu is Speaker Actions.



Program Menu

The speaker type menu option contained within the Program menu is Speakers.



Speaker Volume

Adjusting the Speaker Volume

Adjusting the Master Rotary Volume Control

To adjust the master rotary volume control during a call:

1. Adjust the master volume rotary control.



Please refer to the *iE801#1/2 Settings Properties* section on page 37 to enable/disable the master volume control.

Adjusting Individual Rotary Volume Controls

To adjust an individual rotary volume control during a call:

1. Adjust both the master (if enabled) and individual volume rotary controls.



The master rotary volume control combines with the individual volume controls. If either volume control is turned to the minimum, the speaker will be silent.

Manual Ring Downs

Make Call using an MRD Channel

To make an MRD call from an MRD appearance:

1. Ensure the appropriate handset is selected by pressing the left or right handset soft key.
2. Press the appropriate MRD appearance soft key.



3. Speak when call is connected.

Ring an MRD Channel

To ring an MRD Channel connected to a handset:

1. Press the *Signal* soft key. The Signal key will appear as the first available soft key.



OR

If the F1 key is set to signal an MRD channel press *F1*. For more information on setting the F1 key to signal an MRD channel, see *iE801#1/2 Settings Properties* on page 37.



A call on an MRD speaker channel needs to be assigned back to a handset prior to ringing the channel. For more information, see *Reverting an active Appearance back to Handset/Hands Free* on page 16.

Speakers

Persistence of Speaker Channels

The term persistence is used for speaker channel appearances. A call appearance can be one of the following: call/line, ARD, VPW and Intercom. A non call appearance is either a Hoot or MRD. An appearance moved to a speaker channel, will remain on that channel even when the call has ended, in the case of calls/lines, ARDs, VPWs and Intercoms. Appearances remain on speakers channels after an iD808 Deskstation is re-powered, iCMS server update and when one logs off and then logs back onto an iD808.

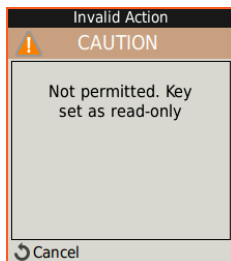
Persistent speaker channel appearances save time when one locates frequently used appearances. Rather than searching for particular appearances using the paging method (described in the *iD808 Deskstation User Guide*), one can access appearances very quickly if they are assigned to speaker channels.

For more information on how to remove an appearance from a speaker channel, see *Clearing an Appearance off a Speaker Channel* on page 21.

Assigning an Appearance to a Speaker Channel

An appearance can be one of the following: Call/Line, Hoot, MRD, ARD, VPW and Intercom.

If the screen below is displayed on your unit when attempting to assign an appearance to a speaker channel, it means the speaker channel has been set to read only. Contact your System Administrator for more information.



Assigning a Call/Line, ARD, VPW or Intercom Appearance to a Speaker Channel

To assign a call/line, ARD, VPW or Intercom appearance to a speaker channel key:

1. Ensure the appropriate handset is selected by pressing the left or right handset soft key.
2. Locate either an available speaker channel or an idle occupied speaker

channel, and press its associated soft key. An available speaker channel contains the icon below.



An occupied speaker channel has an (a) idle call/line, ARD, VPW or Intercom appearance, or (b) MRD or Hoot attached to it. With the exception of MRDs and Hoots, an occupied idle speaker channel will be over written and lost when a new call/line, ARD, MRD, Hoot, VPW or Intercom appearance is assigned to it.

As soon as the call/line, ARD, VPW or Intercom appearance is moved from the handset or hands free to a dynamic speaker channel, the icon below is displayed.



Please note the appearance name, *John Smith*, in the illustration below is used for example purposes only.

Assigning an MRD to a Speaker Channel

To assign an MRD to a speaker channel key:

1. Ensure the appropriate handset is selected by pressing the left or right handset soft key.
2. Locate either an available speaker channel or an idle occupied speaker channel, and press its associated soft key. An available speaker channel contains the icon below.



An occupied speaker channel has an (a) idle call/line, ARD, VPW or Intercom appearance, or (b) MRD or Hoot attached to it. With the exception of MRDs and Hoots, an occupied idle speaker channel will be over written and lost when a new call/line, ARD, MRD, Hoot or VPW is assigned to it.

As soon as the MRD is moved from the handset or hands free to a dynamic speaker channel, the icon below is displayed.



Please note the appearance name, *John MRD*, in the illustration above is used for example purposes only.

Assigning a Hoot to a Speaker Channel

To move a Hoot to a speaker channel key:

1. Ensure the appropriate handset is selected by pressing the left or right handset soft key.
2. Locate either an available speaker channel or an idle occupied speaker channel, and press its associated soft key. An available speaker channel contains the icon below.



An occupied speaker channel has an (a) idle call/line, ARD, VPW or Intercom appearance, or (b) MRD or Hoot attached to it. With the exception of MRDs and Hoots, an occupied idle speaker channel will be over written and lost when a new call/line, ARD, MRD, Hoot, VPW or Intercom is assigned to it.

As soon as the Hoot is moved from the handset or hands free to a dynamic speaker channel, the icon below is displayed.



Please note the appearance name, *John Hoot*, in the illustration below is used for example purposes only.

Reverting an active Appearance back to Handset/Hands Free

To revert an appearance (call/line, ARD, MRD, VPW, Hoot and Intercom) back from speaker to handset/main speaker.

1. Press the appropriate speaker channel's soft key twice in quick succession.

Speaking on a Speaker Channel

One can speak on a speaker channel using either the latched or push to talk method. Latching needs to be turned on, on the speaker channel in order for the latching to work. For more information, see *Editing Speaker Channels* on page 33. There are also two latching types: Push-to-Latch and Tap-Latch.

Push-to-Latch



- Please ensure latching is turned on, on the speaker channel. For more information, see *Editing Speaker Channels* on page 33.
- Please ensure Push-to-Latch is set within the Speaker Settings menu. For more information, see *Latch Mode* on page 35.
- Before talking on a speaker channel, please ensure the appearance is on the speaker channel.

Call/Line, ARD, VPW and Intercom Appearances

To speak on a speaker channel using push-to-latch on a call/line, ARD, VPW or Intercom appearance:

1. Locate the appropriate speaker channel. The speaker channel will contain the icon displayed below. Please note the appearance name, *John Smith*, in the illustration below is used for example purposes only.



The above illustration indicates the microphone is muted.

2. Press and release the soft key associated with the speaker channel. The speaker icon changes and displays the icon below. This indicates the microphone is now active.



3. Talk into microphone. Remember that you have to be in close proximity to the microphone to be heard clearly.
4. Release the associated soft key when finished talking. The speaker channel's state changes back from active to mute.



Hoot/MRD Appearances

To speak on a speaker channel using push-to-latch on a Hoot/MRD appearance:

1. Locate the appropriate speaker channel. The speaker channel will contain the icon displayed below. Please note the appearance name, *John Smith*, in the illustration below is used for example purposes only.



2. Press and release the soft key associated with the speaker channel. The speaker icon changes and displays the icon below. This indicates the microphone is now active.



3. Talk into microphone. Remember that you have to be in close proximity to the microphone to be heard clearly.
4. Release the associated soft key when finished talking. The speaker channel's state changes back from active to monitor mode.



Tap-Latch



- Please ensure latching is turned on, on the speaker channel. For more information, see *Editing Speaker Channels* on page 33.
- Please ensure Tap Latch is set within the Speaker Settings menu. For more information, see *Latch Mode* on page 35.
- Before talking on a speaker channel, please ensure the appearance is on the speaker channel.

Call/Line, ARD, VPW and Intercom Appearances

To speak on a speaker channel using tap-latch on a call/line, ARD, VPW or Intercom appearance:

1. Locate the appropriate speaker channel. The speaker channel will contain the icon displayed below. Please note the appearance name, *John Smith*, in the illustration below is used for example purposes only.



The above illustration indicates the microphone is muted.

2. Press and hold down the soft key associated with the speaker channel. The speaker icon changes and displays the icon below. This indicates the microphone is now active.



3. Talk into microphone. Remember that you have to be in close proximity to the microphone to be heard clearly.
4. Release the associated soft key when finished talking. The speaker channel's state changes back from active to mute.



Hoot/MRD Appearances

To speak on a speaker channel using tap-latch on a Hoot/MRD appearance:

1. Locate the appropriate speaker channel. The speaker channel will contain the icon displayed below. Please note the appearance name, *John Smith*, in the illustration below is used for example purposes only.



2. Press and hold down the soft key associated with the speaker channel. The speaker icon changes and displays the icon below. This indicates the microphone is now active.



3. Talk into microphone. Remember that you have to be in close proximity to the microphone to be heard clearly.
4. Release the associated soft key when finished talking. The speaker channel's state changes back from active to monitor mode.



Push to Talk

Call/Line, ARD, VPW and Intercom Appearances



Please ensure latching is turned off, on the speaker channel. For more information, see *Editing Speaker Channels* on page 33.

To speak on a speaker channel using push to talk on a call/line, ARD, VPW and Intercom appearance:

1. Locate the appropriate speaker channel. The speaker channel will contain the icon displayed below. Please note the appearance name, *John Smith*, in the illustration below is used for example purposes only.



The above illustration indicates the microphone is muted.

2. Press and hold down the soft key associated with the speaker channel. The speaker icon changes and displays the icon below. This indicates the microphone is now active.



3. Talk into microphone. Remember that you have to be in close proximity to the microphone to be heard clearly.

4. Release the associated soft key when finished talking. The speaker channel's state changes back from active to mute.



Hoot/MRD Appearances



Please ensure latching is turned off, on the speaker channel. For more information, see *Editing Speaker Channels* on page 33.

To speak on a speaker channel using push to talk on a Hoot/MRD appearance:

1. Locate the appropriate speaker channel. The speaker channel will contain the icon displayed below. Please note the appearance name, *John Smith*, in the illustration below is used for example purposes only.



2. Press and hold down the soft key associated with the speaker channel. The speaker icon changes and displays the icon below. This indicates the microphone is now active.



3. Talk into microphone. Remember that you have to be in close proximity to the microphone to be heard clearly.
4. Release the associated soft key when finished talking. The speaker channel's state changes back from active to monitor mode.



Ending an Active Appearance, Call/Line, VPW, Intercom or ARD on a Speaker Channel



This section is not applicable for Hoot and MRD appearances. Please refer to the next section, *Clearing an Appearance off a Speaker Channel*.

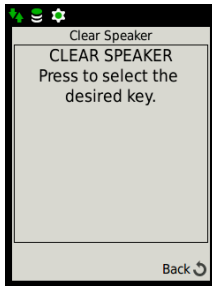
To end a call on a speaker channel:

1. Press the **assign** key (which is located near the dial pad) twice.

OR

Press *F1* (if key is set to **CLEAR**).

Screen one displays the following text: **CLEAR SPEAKER Press to select the desired key.**



2. Press the speakers associated soft key to end the call.



- Please note this method leaves the call appearance on the speaker channel after the call has ended.
- To set the F1 key to end calls (CLEAR), please refer to function key 1, within the *iE801#1/2 Settings Properties* section on page 37.

Clearing an Appearance off a Speaker Channel

The last appearance assigned to a speaker channel is left on the channel after a call has ended. The appearance will still remain on the speaker channel after:

- the deskstation is turned off and then turned back on
- one logs off the unit and then logs back on, and
- the *i* series centralised management system (the platform the iD808 performs on) is updated.



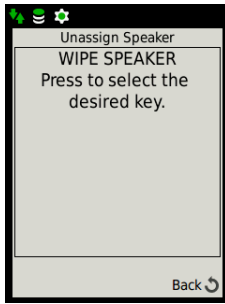
The method explained in this section is also required for clearing MRD and Hoot appearances off speaker channels.

To clear an appearance on a speaker channel:

Method One

1. Press **OK** to display *Main* menu.
The right screen displays *Main* menu.
2. Using **▲** or **▼** highlight *Speaker Actions* and press **OK**.
This displays the *Speaker Actions* menu.
3. Using **▲** or **▼** highlight *Wipe* and press **OK**.

Screen one displays the following text: **WIPE SPEAKER Press to select the desired key.**



4. Press the speakers associated soft key to remove the appearance.

OR

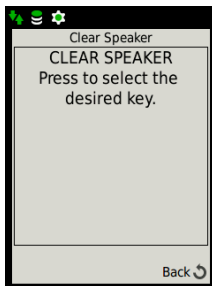
Method Two



The method assumes call/line, VPW, ARD or Intercom appearances are idle prior to being cleared off speaker channels.

1. Press **assign** twice.

Screen one displays the following text: **CLEAR SPEAKER Press to select the desired key.**

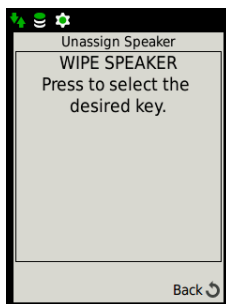


2. Press the speakers associated soft key to remove the appearance.

Method Three

1. Press *F1* (if key is set to **WIPE**).

Screen one displays the following text: **WIPE SPEAKER Press to select the desired key.**



2. Press the speakers associated soft key to remove the appearance.



To set the F1 key to remove appearances from speaker channels (WIPE), please refer to function key 1, within the *iE801#1/2 Settings Properties* section on page 37.

Talking on iE801 Group Talk Keys

To talk on an iE801 group talk key:

1. Ensure the required iE801 group talk key has the necessary speaker channels added to it. For more information see, *Adding Speaker Channels to the iE801 Group Talk Keys* on page 29.
2. Assign the required active appearances to the speaker channels. For more information on how to assign appearances to speaker channels, see *Moving an Appearance to a Speaker Channel* on page 14.
3. Press the appropriate iE801 group talk key and speak.

When the group talk key is pressed the:

- speaker channel's LED is lit in green,
- iE801 screen label displays G1 (for group talk key one) or G2 (for group talk key two), G3 (for group talk key three) and G4 (for group talk key four).
- The speaker icon changes and displays the icon below (as shown in the illustration below). This indicates the microphone is now active.



Mute

Mute all Speaker Channels

All speaker channels on the iD808 and all attached iE801s are muted when the *F3* key is pressed, providing the *Enable Mute Button Ganging* option is set in the iManager software. Refer to the *iManager Administrator's Guide* for more information.

To mute all speaker channels:

1. Press the *Mute (F3)* key.

The iE801 label displays the message, *Mute All*.



Please note the appearance name, *John Smith*, in the illustration below is used for example purposes only.



Contact your System Administrator to set or remove the Mute Key Ganging feature.

Muting an iE801's Speaker Channels

Speaker Channels on an individual iE801 are muted when the unit's F3 key is pressed, providing the *Enable Mute Button Ganging* option is not set in the iManager software. Refer to the *iManager Administrator's Guide* for more information.

To mute an iE801 speaker channels:

1. Press the *Mute (F3)* key.

The iE801 label displays the message, *Mute*.

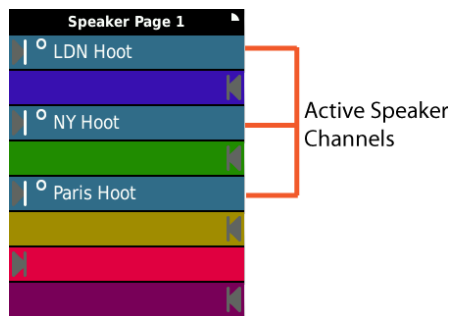


Contact your System Administrator to set or remove the Mute Key Ganging feature.

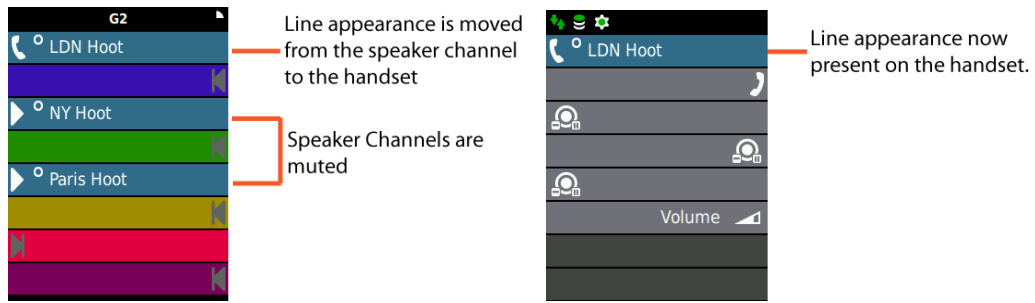
Line to Handset

Line to Handset is when a line appearance on a speaker channel which is part of an active group talk key, is moved from the speaker channel to a handset. The status of the remaining speaker channels that are part of the group talk key are changed from active to mute. Their muted status is indicated by their channel LEDs flashing amber. When the line on the handset is moved from the handset back to the speaker channel, the status of the remaining channels are changed from mute back to active.

Take for example a group talk key that comprises of the following hoot speaker channels: LDN Hoot, NY Hoot and Paris Hoot. When the group talk key is pressed all speaker channels become active as shown in the illustration below.



If the LDN Hoot soft key is pressed the line appearance is moved from the speaker channel to the handset as shown in the illustrations below.



To move the line appearance back from the handset to the speaker channel requires pressing the **CLEAR** key for the appropriate handset.

Please note that in order for this feature to work, the *Member Muting* setting needs to be set to *Off*. For more information, see *Member Muting* on page 30.

Moving a Group Talk Speaker Channel to a Handset

To move a line appearance on a speaker channel that is part of an active group talk key to a handset:

1. Firstly ensure the appropriate group talk key is active. This is indicated by the group talk key's LED being solid green.
2. Ensure the appropriate speaker channels (that are part of the group talk key) are active. This is indicated by their LED being solid green.
3. Press the appropriate speaker channel's soft key.

This will move the line from the selected speaker channel to the handset. The status of the remaining speaker channels are changed from active to mute. This is indicated by their soft key LED flashing amber.

	Illustration: Speaker Channel line appearance prior to being moved to handset
	Illustration: Speaker Channel when moved to handset

Moving a Line back from Handset to Speaker Channel

To move a line appearance back from a handset to its speaker channel:

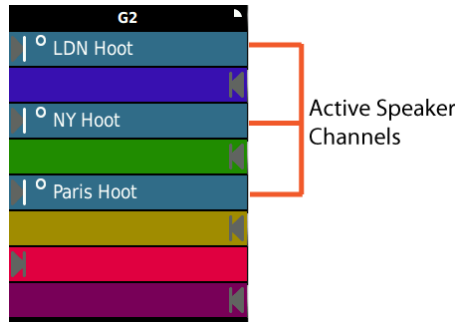
1. Press the the **CLEAR** key for the appropriate handset.

The the remaining group talk speaker channel's state will change from mute to active.

Group Talk Member Muting

Group talk member muting is when a speaker channel that is part of an active group talk key is placed on mute. It will remain in this state as long as the group talk key is active. It is possible to change the speaker channel's state from mute back to active whilst the group talk key is active.

Take for example a group talk key that comprises of the following hoot speaker channels: LDN HOOT, NY HOOT and PARIS HOOT.



The LDN HOOT speaker channel's state can be changed from active to mute when its soft key is pressed. This is indicated by the speaker channel's LED flashing amber. Further speaker channels can be placed on mute by simply pressing their soft key. The mute status can also simply be changed from mute back to active by pressing the appropriate soft key.

Please note that in order for this feature to work, the *Member Muting* setting needs to be set to *On*. For more information, see *Member Muting* on page 30.

Muting a Group Talk Speaker Channel

To place a speaker channel that is part of a group talk key on mute:

1. Firstly ensure the appropriate group talk key is active. This is indicated by the group talk key's LED being solid green.
2. Ensure the appropriate speaker channels (that are part of the group talk key) are active. This is indicated by their LED being solid green.
3. Press the appropriate speaker channel's soft key.

The speaker channel is placed on mute. This is indicated by the speaker channels' LED flashing amber.

4. Further speaker channels can also be muted by simply pressing their soft key.

Removing Mute from a Group Talk Speaker Channel

To remove mute from a speaker channel that is part of a group talk key:

1. Firstly identify the speaker channel that is muted. This is indicated by its LED flashing amber.
2. Press the speaker channel's soft key.

The speaker channel's state changes from mute to active.

Programming

Setting the Function (F1) Key

The F1 Key can be set to clear an active appearance off a speaker channel, remove the idle appearance off a speaker channel or ring a manual ring down channel.

To set the F1 function key:

1. Press **OK** to display *Main* menu.

The right screen displays *Main* menu.

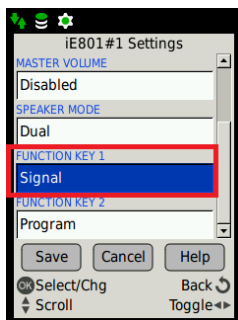
2. Using **▲** or **▼** highlight *Speaker Actions* and press **OK**.
3. Using **▲** or **▼** highlight *Speaker Settings* and press **OK**.

This displays *Speaker Settings*.

4. Highlight *iE801#1* or *iE801#2 Settings* and press **OK**.

This displays the *iE801#1/2 Settings* options.

5. On the *FUNCTION KEY 1* option set it to either *Clear*, *Wipe* or *Signal*. For more information on these options see page 8.



Group Talk Keys

A group talk key is used to link one or more speaker channels. When it is pressed all linked speaker channels become active. Group talk keys allow one to press a single button to talk to several speaker channels simultaneously. The alternative to using group talk keys is for one to press several speaker channels simultaneously to make all speaker channels active at the same time. Although this provides an equivalent action to group talk keys, it can prove to be cumbersome. This is particularly the case if one is required to talk to five speaker channels at the same time. Bearing this in mind, there is a clear advantage to using group talk keys when one is required to talk to several speaker channels simultaneously.

If when pressing a group talk key the message, Key not programmed, is displayed it means no speaker channels are linked to the group talk key.



Group talk keys can also be ganged together. For more information on ganging, see *Ganging* on page 42.



Group talk keys will not answer PBX appearances (for example calls/lines), VPWs and ARDs. They need to be answered before one can use the group talk function.



Ensure *Speaker Source* is set to anything other than *Selected Handset*. Group talk will not work if *Speaker Source* is set to *Selected Handset*. For more information on speaker source, see *Speaker Source* on page 38.

Adding Speaker Channels to the iE801 Group Talk Keys

To add speaker channels to the iE801 group talk keys:

1. Press the *Program (F2)* key on the iE801.
2. Press one of the two (or four if two iE801s are attached) iE801 group talk keys.

This displays the red LED light on the selected group talk key.

3. Add the required speaker channels to the group talk key by pressing their associated soft keys.

The speaker channel's orange LED is displayed showing it has been added to the group talk key.

4. Press the *Program (F2)* key when you have added the required number of speaker channels to the group talk key.

Removing Speaker Channels from the iE801 Group Talk Keys

To remove speaker channels from the iE801 group talk keys:

1. Press the *Program (F2)* key on the iE801.
2. Press one of the two (or four (if two iE801s are attached) iE801 group talk keys.

This displays the red LED light on the selected group talk key.

3. Remove the required speaker channels from the group talk key by pressing their associated soft keys.

The speaker channel's orange LED is no longer displayed showing it has been removed from the group talk key.

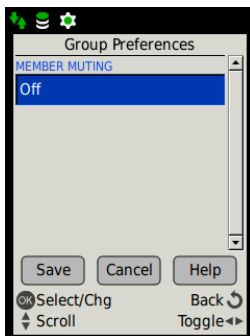
4. Press the *Program (F2)* key when you have removed the required number of speaker channels from the group talk key.

Member Muting

The Member Muting setting enables or disables the line to handset and group talk member muting features. For more information on these features, see *Line to Handset* on page 24, and *Group Talk Member Muting* on page 26.

To enable or disable the member muting setting:

1. Press **OK** to display *Main* menu.
The right screen displays *Main* menu.
2. Using **▲** or **▼** highlight *Speaker Actions* and press **OK**.
This displays *Speaker Actions*.
3. Highlight *Group Talk Settings* and press **OK**.
This displays *Group Talk Settings*.
4. Highlight *Group Preferences* and press **OK**.
This displays *Group Preferences*.



5. Set the *MEMBER MUTING* setting to **On** or **Off** using the **OK** button.
6. Highlight *Save* and press **OK**.

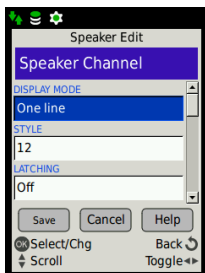
Speaker Channels

Adding Speaker Channels to the iE801

To add a speaker channel key to the iE801:

1. Press **OK** to display *Main* menu.
The right screen displays *Main* menu.

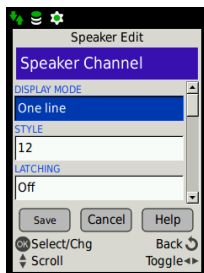
2. Using ◀ or ▶ locate *Program* menu.
3. Using ▲ or ▼ highlight *Speakers* and press **OK**.
This displays *Program Options*.
4. Highlight *Add* and press **OK**.
This displays *Key Finder*.
5. Locate an available key on the iE801 and press its associated soft key.
This displays *Speaker Edit*.



6. Change the settings as required. For more information on the settings, see the next section, *Speaker Channel Key Properties*.
7. When you have finished highlight *Save*, and press **OK**.
8. If you need to add more speaker channels locate an available key, and press its associated soft key. When you have added the required number of speaker channels press and hold the back (⏪) key until screen one returns to an idle state.

Speaker Channel Key Properties

Below is an illustrative example image of the *Speaker Channel Key* screen with descriptions and explanations of the settings.



- **DISPLAY MODE** - This option contains two settings:
 - **One line** - This option displays the text label in small text.
 - **Two line** - This option displays the text label in large text.
- **STYLE** - This option contains sixteen different colours for the line key.

- **LATCHING** - The available latching settings in this option in this setting are *Off* and *Yes*. If latching is set to *Off* the key works in a push to talk manner. If it is set to *Yes* the latching feature is enabled using either tap-latch or push-to-latch. For more information on tap-latch and push-to-latch, see *Latch Mode* on page 35.
- **AUTO ANSWER** - The Speaker Channel Auto Answer feature allows appearances on speaker channels to be automatically answered, when an incoming call is received. This is providing the appearance is a call/line appearance, automatic ringdown (ARD) or virtual private wire (VPW). Hoots or manual ringdowns (MRDs) on this speaker channel will not be automatically answered. Similarly, calls that are set to *Do Not Disturb* will not be automatically answered on speaker channel appearances. The auto answer feature is set using iManager. To enable or disable this feature, please contact your System Administrator.

A call that is auto answered will not generate an alert unless the *Auto Speaker Announce* feature is set to *On*. For more information on Auto Speaker Announce, see *Call Preferences* in the *iD808 User Guide*. The tone that is heard on the speaker channel appearance depends on whether the alert profile setting on the appearance is set to *On* or *Off*. If it is set to *Off* the default alert profile is heard, and if set to *On* the appearance alert profile is heard. If the volume is set to 0 on either the default or appearance alert profile, the alert is heard at volume level 1. This ensures the alert is never muted.

- **SPEAKER PAGING** - The available option in this setting is *Off* and *Yes*. Selecting *Yes* enables the speaker paging facility. For more information on speaker paging, see *Speaker Page* in the *iD808 User Guide*.
- **PRIORITY (PG X)** - This option contains the values 1 to 4. 1 is the highest priority, and 4 is the lowest. The same priority level can also be set for different channels, for example, channels one and two can be both set to priority level 1. You may be required to set priority levels for other pages if the speaker paging option is enabled. For more information on priority levels, see *Speaker Page* in the *iD808 User Guide*.
- **AUTO LEVEL REDUCTION (PG X)** - Automatic level reduction is used to set the automatic audio reduction level when audio is present on another channel with a higher priority level. For example, if channel 1 is set to priority 2, and channel 2 is set to priority 1 the audio is automatically reduced on channel 1 when audio is present on channel 2. The available options are: *Off*, *1/4*, *1/2*, *3/4* and *Mute*. You may be required to set automatic level reduction levels for other pages if the speaker paging option is enabled. For more information on automatic level reduction levels, see *Speaker Page* in the *iD808 User Guide*.

Editing Speaker Channels

To edit a speaker channel key:

1. Press **OK** to display *Main* menu.

The right screen displays *Main* menu.

2. Using ◀ or ▶ locate *Program* menu.

3. Using ▲ or ▼ highlight *Speakers* and press **OK**.

This displays *Program Options*.

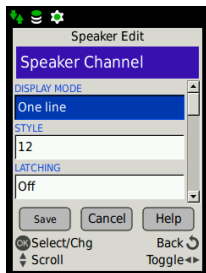
4. Highlight *Edit* and press **OK**.

This displays *Key Finder*.

5. Locate the key that requires editing and press its associated soft key.



This displays *Speaker Edit*.



Change the settings as required. For more information on the settings, see the previous section, *Speaker Channels Key Properties*.

6. Highlight **Save** and press **OK**.
7. If you need to edit more speaker channels locate the required speaker channel, and press its associated soft key. When you have edited the required number of speaker channels press and hold the back (⏪) key until screen one returns to an idle state.

Moving Speaker Channels

To move a speaker channel key:

1. Press **OK** to display *Main* menu.

The right screen displays *Main* menu.

2. Using ◀ or ▶ locate *Program* menu.

3. Using ▲ or ▼ highlight *Speakers* and press **OK**.

This displays *Program Options*.

4. Highlight *Move* and press **OK**.

This displays *Key Finder*.

5. Locate the key that needs to be moved on and press its associated soft key.



6. Locate a new key and press the associated soft key.
7. If you need to move more speaker channels on the iE801 locate the required speaker channel, and press its associated soft key. Locate a new key and press the associated soft key. When you have moved the required speaker channels press and hold the back (↶) key until the screen one returns to an idle state.

Viewing Speaker Channels

To view a speaker channel key:

1. Press **OK** to display *Main* menu.

The right screen displays *Main* menu.

2. Using ◀ or ▶ locate *Program* menu.

3. Using ▲ or ▼ highlight *Speakers* and press **OK**.

This displays *Program Options*.

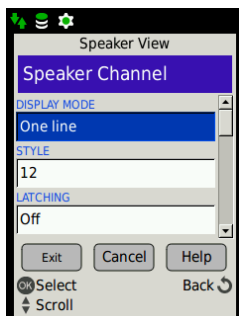
4. Highlight *View* and press **OK**.

This displays *Key Finder*.

5. Locate the key that needs to be viewed and press its associated soft key.



This displays *Speaker View*.



6. To view another speaker channel press the back (⌂) key to display *Key Finder*. Then press the the required speaker channel's associated soft key.
7. When you have finished viewing press and hold the back (⌂) key until screen one returns back to idle.

Deleting Speaker Channels

To delete a speaker channel key:

1. Press **OK** to display *Main* menu.

The right screen displays *Main* menu.

2. Using ◀ or ▶ locate *Program* menu.
3. Using ▲ or ▼ highlight *Speakers* and press **OK**.

This displays *Program Options*.

4. Highlight *Delete* and press **OK**.

This displays *Key Finder*.

5. Locate the key to be deleted and press its associated soft key.



This displays the *Confirm Key Finder Action* screen.

6. Confirm you want to delete the selected speaker channel by selecting *Yes*.
7. If you need to delete more speaker channels on the iE801 locate the required speaker channel, and press its associated soft key. When you have deleted the required speaker channels press and hold the back (⌂) key until screen one returns to an idle state.

Speaker Settings

The *Speaker Settings* menu contains options to set the latching type, iE801#1/2 settings and speaker source. It is located within the *Preference and Tools* menu.

Latch Mode

A speaker channel is latched when the latch setting on the speaker channel key is set to *On*. For more information on how to turn off/on the latch setting, see *Editing Speaker Channels* on page 33. Speaker channels support two latching methods. These are *Tap-Latch* and *Push-to-Latch*. These options are contained in the *Speaker Settings* menu, and the speaker settings menu is located in the *Preference and Tools* menu.

To access the latch menu option:

1. Press **OK** to display *Main* menu.
The right screen displays *Main* menu.
2. Using **▲** or **▼** highlight *Speaker Actions* and press **OK**.
3. Using **▲** or **▼** highlight *Speaker Settings* and press **OK**.
4. Using **▲** or **▼** highlight *Latch Mode* and press **OK**.
5. Select either *Push-to-Latch* or *Tap-Latch* and press **OK**.

Push-to-Latch and Tap-Latch

- **Push-to-Latch** - Push-to-latch requires one to press and release the soft key associated with the speaker channel. This action changes the microphone status from mute to active. Pressing and releasing the associated soft key again changes the microphone status back from active to mute.
- **Tap-Latch** - Tap-Latch has two operational functions. (1) Like push-to-latch, tap-latch requires one to press and release the soft key associated with the speaker channel. This action changes the microphone status from mute to active. Pressing the associated soft key again changes the microphone status back from active to mute. (2) Whilst the speaker channel is in a muted state, it is possible to press and hold the associated soft key. This changes the microphone state from mute to active. As soon as the associated soft key is released, the microphone's state changes back from active to mute.

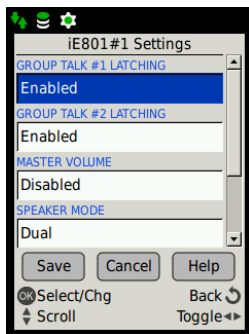
iE801#1/(2) Settings

Accessing the iE801#1/(2) Settings

To access the iE801#1/2 Settings:

1. Press **OK** to display *Main* menu.
The right screen displays *Main* menu.
2. Using **▲** or **▼** highlight *Speaker Actions* and press **OK**.
3. Using **▲** or **▼** highlight *Speaker Settings* and press **OK**.
4. Using **▲** or **▼** highlight *iE801#1 Settings* or *iE801#2 Settings* press **OK**.

This displays the *iE801#1/2 Settings*.

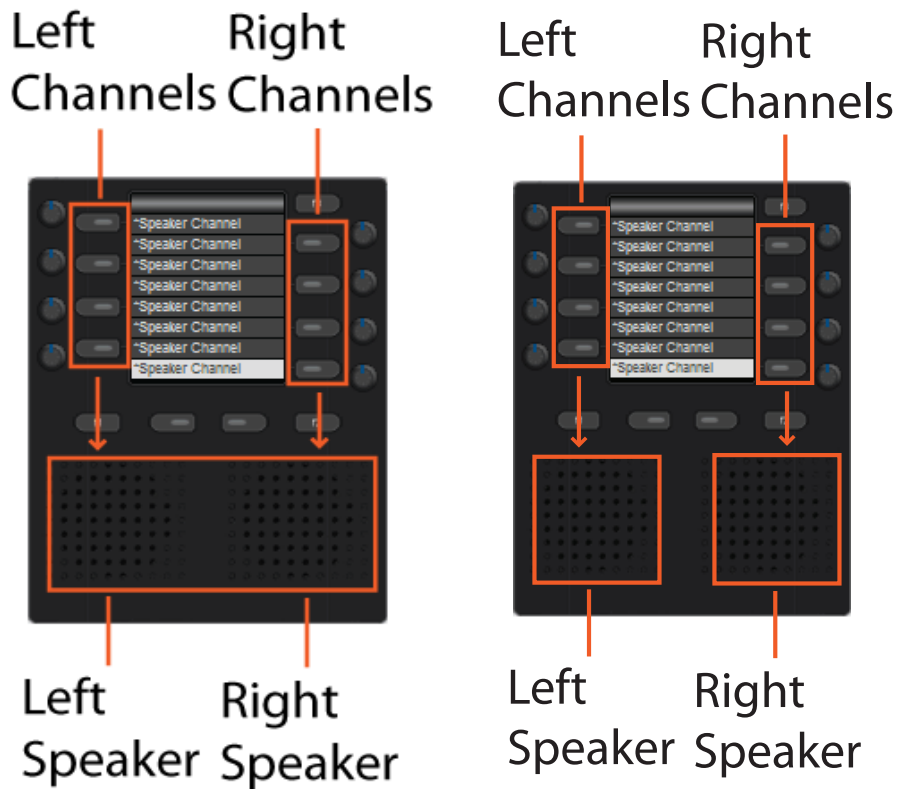


Please note the illustration above is for the iE801#1 Settings.

iE801#1/2 Settings Properties

The iE801#1/2 Settings consists of the following options:

- **Group Talk #1 Latching** - This option is used to turn on or off latching group talk key G1 on the first/second iE801. If this option is set to *Enabled* refer to *Latch Mode* on page 35 to also set the latching type.
- **Group Talk #2 Latching** - This option is used to turn on or off latching group talk key G2 on the first/second iE801. If this option is set to *Enabled* refer to *Latching Mode* on page 35 to also set the latching type.
- **Master Volume** - When this option is set to *Enabled* the speaker channel's audio level is controlled by both the individual channel and master volume (on the iD808 Deskstation) control.
- **Speaker Mode** - This option contains two settings: Dual and Split.
 - **Dual** - When this option is set audio is sounded through both speakers (refer to the illustration on the opposite page).
 - **Split** - When this option is set audio for the speaker channels on the right hand side are sounded through the right speaker (refer to the illustration on this page). Audio for speaker channels on the left hand side are sounded through the left speaker (refer to illustration on this page).



Dual Speaker Mode

Split Speaker Mode

- **Function Key 1** - This option is used to set the function on the F1 key. It can be set to one of the following options: Signal, Clear and Wipe.
 - **Clear** - Changes an active appearance's state on a speaker channel from active to idle and removes a Hoot/MRD appearance from a speaker channel.
 - **Wipe** - Removes appearances from speaker channels.
 - **Signal** - Rings manual ring down channels.

Speaker Source

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

1. Press **OK** to display *Main* menu.
The right screen displays *Main* menu.
2. Using **▲** or **▼** highlight *Speaker Actions* and press **OK**.
3. Using **▲** or **▼** highlight *Speaker Settings* and press **OK**.
4. Using **▲** or **▼** highlight *Speaker Source* and press **OK**.

The speaker source options are:

- **Gooseneck** - This option refers to a gooseneck microphone. When it is selected audio is transmitted from the gooseneck microphone.
- **Handset 1** - This option refers to port *HS1* which is located at the back of the iD808. When its is selected audio is transmitted and received on port *HS1*.
- **Handset 2** - This option refers to port *HS2* which is located at the back of the iD808. When its is selected audio is transmitted and received on port *HS2*.
- **Selected Handset** - This option refers to ports *HS1* and *HS2*. Audio is transmitted and received on the selected handset.

Speaker Page

The speaker page menu option is used to select one of four speaker pages. Speaker paging provides an ideal solution for traders operating in different time zones, within a ‘follow-the-the-sun’ trading environment. One can easily change from one speaker page to another with each page representing a different time zone. This is explained using the scenario below.



Fig. 2, Speaker Page 1

Four speaker channels (with no appearances assigned to their speakers) with speaker paging turned on, on each channel.



Fig. 1



Fig. 3, Speaker Page 2

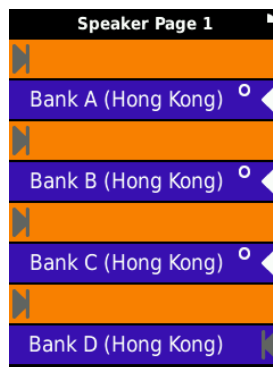


Fig. 4, Speaker Page 3

The illustration on the previous page represents an iD808 screen.

Fig. 1 represents four speaker channels with speaker paging turned on, on each channel. For more information on, turning on the speaker paging feature, see *Editing Speaker Channels* on page 33.

Fig. 2 represents speaker page 1. Each speaker channel has an appearance assigned to it. Each appearance represent clients based in London UK. It illustrates one working with his/her clients in a London UK time zone.

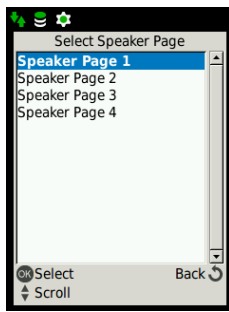
Fig. 3 represents speaker page 2. Each speaker channel has an appearance assigned to it. Each appearance represent clients based in New York America. It illustrates one (who previously worked with clients in a London UK time zone), now working with his/her clients in a New York America time zone. This is achieved by changing the speaker page from *Speaker Page 1* to *Speaker Page 2*.

Fig. 4 represents speaker page 3. Each speaker channel has an appearance assigned to it. Each appearance represent clients based in Hong Kong China. It illustrates one (who previously worked with clients in a New York America time zone), now working with his/her clients in a Hong Kong China time zone. This is achieved by changing the speaker page from *Speaker Page 2* to *Speaker Page 3*.

Changing a Speaker Page

To change a speaker page:

1. Press **OK** to display *Main* menu.
The right screen displays *Main* menu.
2. Using **▲** or **▼** highlight *Speaker Actions* and press **OK**.
This displays the *Speaker Actions* menu.
3. Using **▲** or **▼** highlight *Speaker Page* and press **OK**.
This displays *Select Speaker Page*.



4. Using ▲ or ▼ highlight one of the four speaker pages and press **OK**.

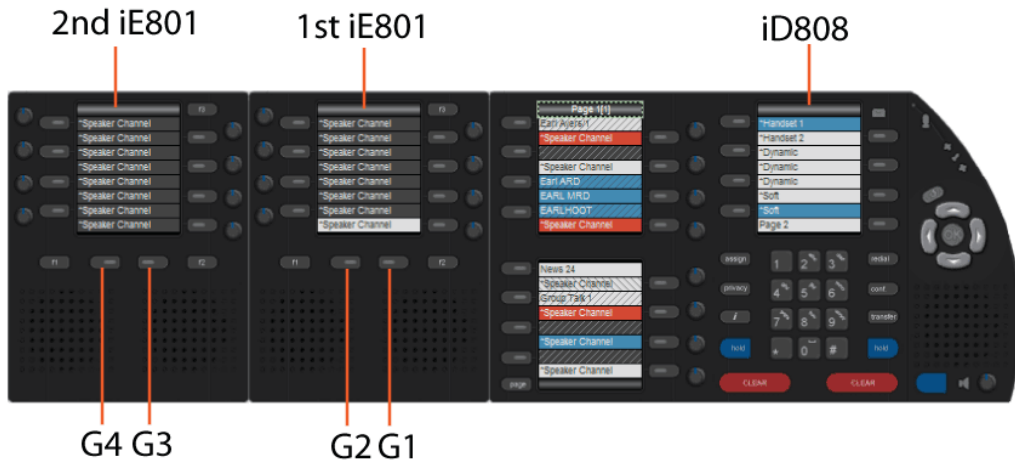


If speaker paging is not turned on, on a speaker channel, selecting a speaker page through the *Speaker Page* menu option has no affect. For more information on, turning on the speaker paging feature, see *Editing Speaker Channels* on page 33.

Ganging

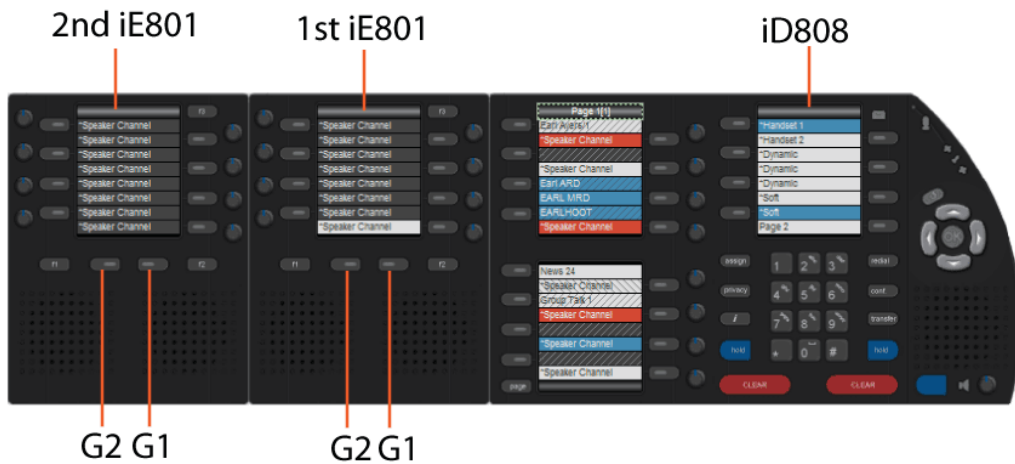
Group Key Ganging

Group Key Ganging duplicates the group talk keys on an attached iE801 Speaker Module with the group talk keys on a second attached iE801. If two iE801 Speaker Modules are attached to an iD808 the group talk key numbering will be as illustrated below.



The group talk keys on the first iE801 Speaker Module (the first unit on the left of the iD808) are G1 (group talk key one) and G2 (group talk key two). The group talk keys on the second iE801 are G3 (group talk key three) and G4 (group talk key four). The keys on each unit work independently of each other.

When ganging is enabled the group talk keys on the second iE801 duplicate the keys one first unit.



On the second iE801 group talk key G3 becomes G1 and G4 becomes G2. Pressing group talk key G1, for example, on the second iE801 is exactly the same as pressing group talk key G1 on the first iE801.



For more information on ganging, see *Ganging* on page 37.

Mute Key Ganging

Mute Key Ganging mutes speaker channels on all attached iE801s Speaker Modules. If two iE801s are attached to an iD808 with Mute Key Ganging not enabled and the mute key (F3) is pressed the speaker channels on that unit are muted. This is indicated by the mute title label on that iE801.

A red rectangular button with the word "MUTE" in white capital letters and a small white triangle pointing to the right on the right side.

MUTE

When Mute Key Ganging is enabled and a mute key (F3) is pressed on one of the two iE801s the speaker channels on both units are muted. This is indicated by the mute all title label on both iE801s.

A red rectangular button with the words "MUTE ALL" in white capital letters and a small white triangle pointing to the right on the right side.

MUTE ALL



- Contact your System Administrator to set or remove the Mute Key Ganging feature.
- For more information on ganging, see *Ganging* on page 42.

Technical Specifications

Dimensions

Dimensions	Height (mm)	Width (mm)	Depth (mm)	Weight
iD808 Desk Station	200	340	50	2, 000g
iD808 + 1 x iE801 Speaker Module	200	505	50	3, 000g
iD808 + 2 x iE801 Speaker Modules	200	670	650	4,000g

Environmental Performance

Operational Environmental

Operating temperature 0-35°C

Storage Environmental

Relative humidity 10% to 90%, non condensing

Safety and Compliance

General

In addition to the safety information contained in this section, please refer to the iE801 Safety Instructions (SAF801).

CE Mark

The “CE” mark affixed to this equipment means the unit complies with directives LVD-73/23/EEC-EN60950.

Class I Pluggable Equipment Type A

The iE801 has been certified to meet IEC 60950-1 and is provided with a Class 1 pluggable desk top 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 Tämä laite on oltava kytkettynä maadoitettuun liittimeen.

Norway Apparatet må tilkoples jordet stikkontakt.

Sweden Apparaten skall anslutas till jordat uttag.

Declaration of Conformity

This equipment conforms to the following directives: EN60950, 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.

Abbreviations

ARD - Automatic Ring-down

MRD - Manual Ring-down

VAD - Voice Activity Detection

Index

A

auto answer 32

E

environmental performance.
See technical specifications

F

features
front view 8
rear view 9

G

ganging
group key ganging 42
mute key ganging 43
group talk keys
adding speaker channels to group
talk keys 23, 29
removing speaker channels from
group keys 29

K

key indicators. *See* LEDs and icons

L

LEDs and icons 9

M

manual ring downs 13
microphone and audio indicators.
See LEDs and icons
mute 23, 24

P

push-to-latch 17, 36
push to talk 19

S

speaker channel icons 10
speaker channels
adding speaker channels 30
deleting speaker channels 35
editing speaker channels 33
moving speaker channels 33
speaker channel key properties 31
viewing speaker channels 34

speaker menus 11
speaker page 39
speaker page icons 10
speaker settings 35

T

tap-latch 18, 36
technical specifications
dimensions 44
environmental performance 44

V

views 28, 30
volume
individual rotary volume control 12
master rotary volume control 12



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