

SAMSUNG

DCS GATEWAY

DIGITAL COMMUNICATION GATEWAY SYSTEM

KEYSET USER GUIDE



TELECOMS



Publication Information

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ELECTRONICS

EU Declaration of Conformity (RTTE)

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declare under our sole responsibility that the product

Digital Telephone Exchange model "DCS Gateway"

to which this declaration relates is in conformity with

RTTE Directive 1999/5/EC (Annex II)

Low Voltage Directive 73/23/EEC

EMC Directive 89/336/EEC:92/31/EEC



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Intended Use

This digital telephone is intended to be connected to a digital extension of a Samsung DCS telephone system. The connection allows voice communication between the central processor unit and the telephone. It is not intended to be connected to any other telephone system or the public telephone network.

Please read the provided user instructions carefully.

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For your convenience and quick reference:

List of Personal Speed Dial Numbers 59**List of Changed System****Access Codes 60****List of Default System Access Codes (back cover)**

Things You Should Know

General Information

DCS Gateway telephones are called “keysets”. The buttons or “keys” are used to access or activate system features. The keys with paper designation strips are programmable keys, which can be programmed for specific features. See your System Administrator to get the most-frequently used features assigned to your keys. (Also refer to *Assigning Features to Programmable Keys* in the ‘Customising Your Keyset’ Section.)

Lines from the Telephone Company are “C.O. lines.” Calls on these lines are referred to as “outside calls.” Your system can have individual C.O. line keys or lines may be assigned to groups. When they are in a group, you access a line by dialling an access code or pressing a route key. For example, dial 9 to get a local outside line. Lines in the system are numbered from 701 (702, 703, etc.).

Direct Station Selection (DSS) keys are programmed to ring specific extensions. You can press a DSS key instead of dialling the extension number. A DSS key will light red when that extension is busy (this is called a Busy Lamp Indication).

DCS provides distinctive ring patterns to your keyset:

- Outside calls have a double ring tone repeated.
- Internal calls have a single ring tone repeated.
- Alarm/appointment reminders have a short ring tone repeated very quickly.

(The ring patterns can be changed using the Gateway Maintenance and Administration Program. See your System Administrator if you are not sure what they are.)

Call Indications (CALL/LINE Keys)

Each key on your keyset has an LED. Some of these are tri-coloured LEDs that light green, red or amber. Some can only light red. See the relevant keyset layout diagram (below) for a description of the keyset you are using.

You can have up to eight CALL keys assigned, but two are recommended. Internal calls will appear on your CALL keys and will flash green.

If individual line keys are assigned, outside calls appear on these keys. If an individual line is not assigned to its own key, it may appear on a CALL key. Your outside calls will light green on your keyset and red on other keysets.

You never lose sight of your calls while they are on hold. They stay right where you put them and are identified with a green flashing light.

Some simple rules to remember:

- Any steady LED indicates that the line or feature is in use.
- A fast flashing green LED indicates a new incoming call.
- A slow flashing green or red LED indicates that a call is on hold.
- A slow flashing amber LED indicates a recall to your keyset.

Speakerphone

Pressing the **ANS/RLS** key will answer or release a call on the speakerphone.

Switching from the handset to the speakerphone is easy. Press the **SPEAKER** key and hang up the handset.

Hot Keypad

On the DCS Gateway, your keyset's keypad is "live" (or "hot") so that it is not necessary to lift the handset or press the **SPEAKER** key before you begin dialling. Calls can be made and features activated by simply dialling the outside line number, line access code, internal number or feature access code.

If the Hot Keypad feature has been turned off, you must first lift the handset or press the **SPEAKER** key before dialling.

Volume Controls

DCS Gateway keysets use the Volume Up (+) and Down (–) keys to adjust:

- the ringer volume while the keyset is ringing;
- the speaker volume while the speakerphone is in use;
- the handset volume while you are listening;
- the volume of off-hook ring.

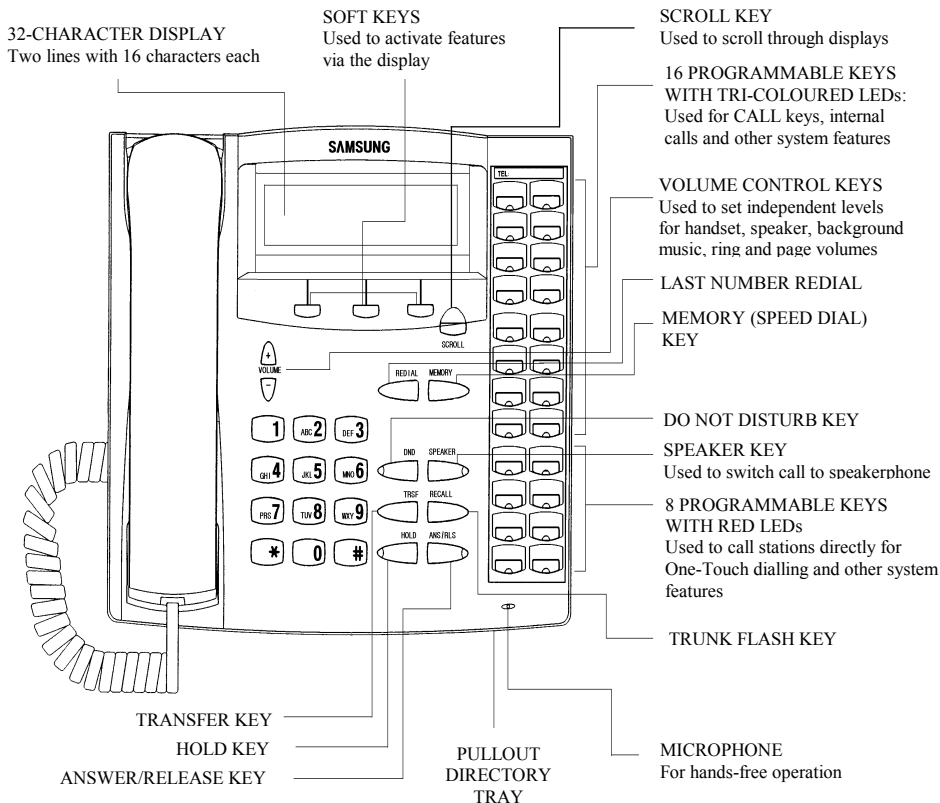
These levels are stored in memory until changed. The Volume keys also control:

- the level of any background music selected for your keyset;
- the volume of page announcements heard through the keyset speaker during paging.

There are 16 levels for each volume setting.

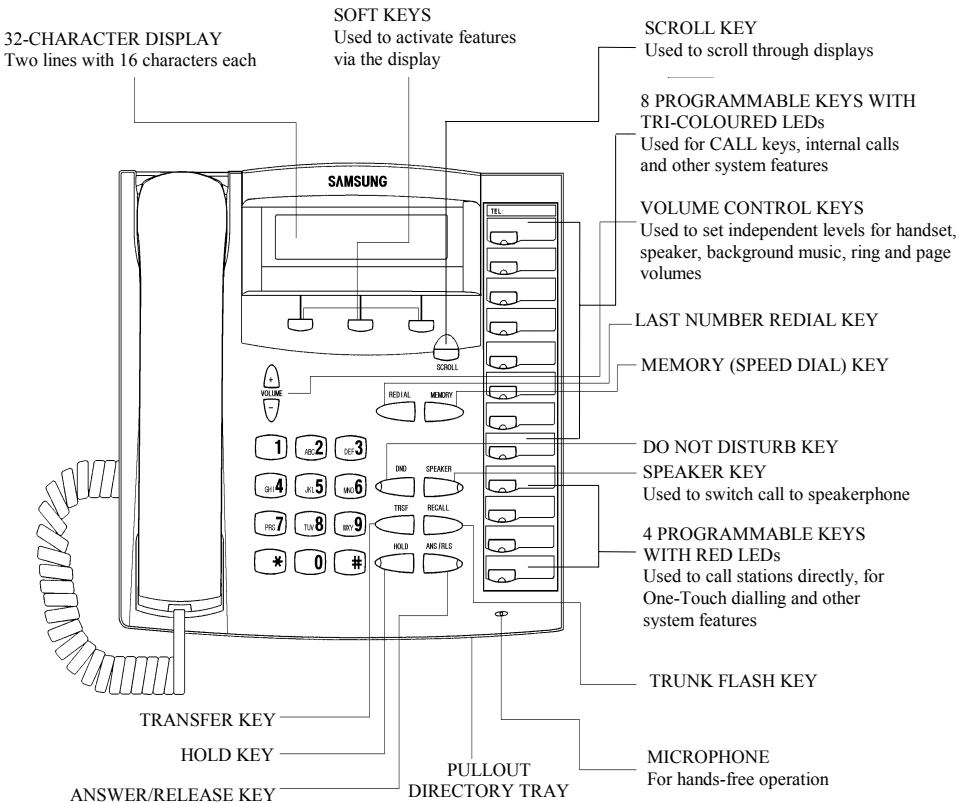
Keypad Layout

LCD 24B



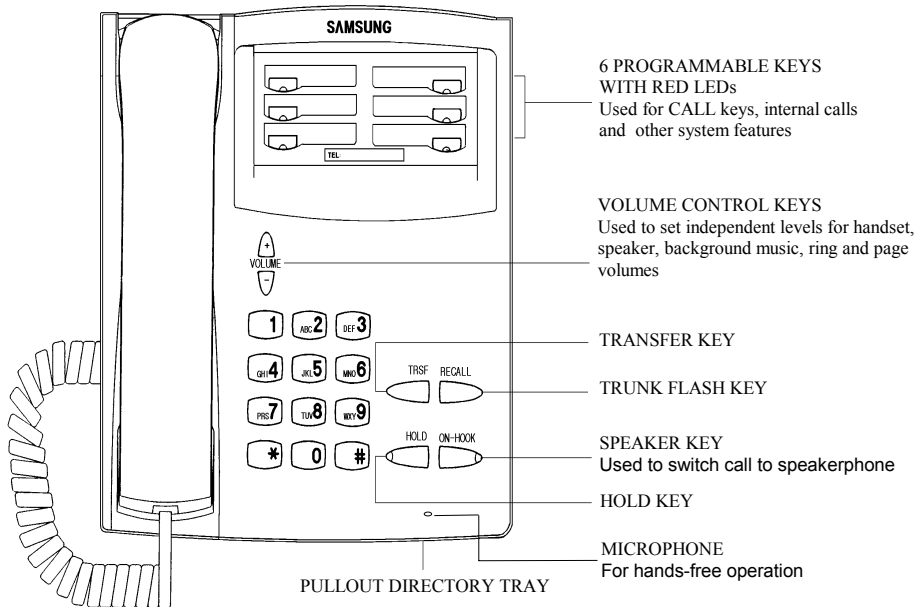
Keypad Layout

LCD 12B



Keyset Layout

6B Enhanced Keyset



Labelling Programmable Keys

- Insert the end of a paper clip into the notch of the clear cover.
- Push the cover sideways, lift the cover and remove the designation strip.
- Label the designation strip.
- Replace the strip and cover.

Selecting Key Features Using Menus

In order to use any features that are not assigned to program keys, you can press the **SCROLL** key to display feature menus on the LCD and then use the soft keys to select the required feature(s).

The three soft keys below the display are substitutes for dedicated feature keys and access codes. Pressing one of these keys has the same effect as pressing a programmed key. These keys are context sensitive and their functions change to present you with the best options for a particular call condition.

The **SCROLL** key is used to display options available at a particular time or during a specific procedure. Press this key once while in the idle state to view the main feature menus available.

```
201:STN NAME  
CALL OTHER ANS→
```

CALL	Guides you through the options to make a call.
OTHER	Guides you through features other than making or answering calls.
ANS	Guides you through the options to answer calls.
SET	Allows you to set features on the keypad.

1. Select one of the main menus, **CALL**, **OTHER**, **ANS** or **SET**, using the appropriate soft key. (To select the **SET** menu, you will need to press the **SCROLL** key again. This is indicated by the → symbol after **ANS**.)
2. You select features in a menu using the soft keys. If there are more than three features in a menu—as indicated by the symbol → displayed as the last character on the lower line of the display—press the **SCROLL** key to display these further options. A list of menu features is shown in the next table.

Menu features

CALL	OTHER	ANS	SET
LNR (Last Number Redial)	MSG (Message)	PICK (Pick-up)	DND (Do Not Disturb)
SNR (Saved Number Redial)	DPAG (Digital Phone Paging)	OPAN (Orbit Park Answer)	FWD (Call Forward)
DPCH (Dispatch group)	ZPAG (Zone Paging)	TPAN (Trunk Park Answer)	NOTMR (No Ans. Timer)
SYS (System speed dial)	FAC (Forced Auth. Code)	SPAN (Station Park Answer)	CAMP (Camp On)
STN1 (Personal speed dial 1)	ACC (Account Code)	exit	NRING (Call key No Ring)
STN2 (Personal speed dial 2)	PRIV (Privacy)		PGM (Program key)
exit	REVIEW (CLIP Review)		WAKE (Wake up)

Menu features (contd.)

CALL	OTHER	ANS	SET
	ABAND (CLIP Abandoned)		LOCK (Station Lock)
	IOG (In/Out of ring Group)		CFWD (Control Group Forward)
	exit		STN1 (Set personal speed dial 1)
			STN2 (Set personal speed dial 2)
			MUTE (Mute keypad)
			exit

MMC Mode

A keypad has 24, 12 or 6 programmable keys depending on its type. Features can be assigned to these keys only when the keypad is in MMC mode. Press the **TRSF** key to enter this mode.

MMC MODE

When assigning a feature to a programmable key, use the **#** and ***** keys to scroll through the feature list or enter the code for the required feature as listed in the Appendix, *Feature Key Codes*.

See your System Administrator to have the MMC feature assigned to your **TRSF** key, if not already set (and other features assigned to keys as required).

System Access Codes

As an alternative to programming the phone keys, your system is configured with default system access codes for using the various features described in this guide. These codes are also printed on the back cover for quick reference. However, your system may have been set up to use a different set of codes. Therefore, if your system does not work as described in this guide, refer to your System Administrator for advice.

A special table has been provided at the back of this guide for you to enter the codes required by your system, if different from the default codes.

Outside Calls

Making An Outside Call

- Lift the handset and dial the outside line access code **9**.
- Dial the telephone number.
- Finish the call by replacing the handset or pressing the **ANS/RLS** key.

If your system is programmed to require an authorisation code before making a call, press the **FAC** key or dial feature code ***48** plus a valid authorisation code. Then press the **#** key and select an outside line.

For more information on authorisation and account codes, see your System Administrator.

Answering An Outside Call

- Lift the handset to answer the ringing call.
OR
- Press the **ANS/RLS** key to answer on the speakerphone.

**NOTE**

If a call is flashing at your keyset but not ringing, you may need to press the flashing key.

Recall Dial Tone

Press the **RECALL** key to disconnect your current outside call, wait for external dial tone and then make a new call on the same line.

Sending a Flash

While on an outside call:

Press the **RECALL** key to send a flash.

Busy Line Queuing With Callback

If you cannot obtain an outside line:

- Press the **CALLBACK** key—or press the **TRSF** key and dial ***44**. You will hear confirmation tone.

When the line becomes free the system will call you back.

- Lift the handset or press the **ANS/RLS** key to answer.

The Callback feature can be released (cancelled), before the system calls you back, by dialling **#44** plus the trunk access code.



NOTE

A callback will be cancelled if not answered within a pre-programmed period of time. If you have set a callback, your **CAMP** key will light.

Internal Calls

Making An Internal Call

- Dial the extension number or group number.
OR
- Press a Direct Station Select (**DSS**) key.

Wait for the party to answer. If you hear a brief tone burst instead of ring-back tone, the extension you called is set for Voice Announce or Auto Answer. Begin speaking immediately after the tone.

- Finish the call by replacing the handset or pressing the **ANS/RLS** key.

Answering An Internal Call

- Lift the handset or press the **ANS/RLS** key or press the **SPEAKER** key.
- To finish the call, replace the handset or press the **ANS/RLS** key.

Auto Answer Mode

When another extension calls you, your keyset will sound a brief attention tone and then automatically answer the call.

Your microphone and speaker are turned on and you can speak hands-free. For privacy, use the handset.

To finish the call, replace the handset or press the **ANS/RLS** key.

**NOTE**

To set Auto Answer mode, see *Customising Your Keyset*.

Busy Extension/Group Callback

When you call another extension and receive busy tone:

- Press the **CAMP** key—or press the **TRSF** key and dial ***44**.

You will hear confirmation tone.

- Hang up.

When the busy extension becomes free, your keyset will ring.

- Lift the handset or press **ANS/RLS** to call the now idle extension.

The Callback feature can be released (cancelled), before the system calls you back, by dialling **#44** plus the extension number.

**NOTE**

A callback will be cancelled if not answered within a pre-programmed period of time. If you have set a callback, your **CAMP** key will light.

Calling Your System Operator

Dial 0 to call your System Operator.

Call Processing

Holding Calls

■ Phones With CALL Keys

While you are talking on a call, press the **HOLD** key. The **CALL** key associated with the call will flash slowly.

To return to the caller, press the **CALL** key and the LED will light steady again.

■ Phones Without CALL Keys

While you are talking on a call, press the **HOLD** key. The **HOLD** key will flash.

To return to the caller, lift the handset or press the **SPEAKER** key or **ANS/RLS** key.



While a call is on hold the keypad is locked and you cannot make another call.

Recalled Held Calls

If you leave a call on hold longer than the hold timer, it will recall your extension.

■ Phones With CALL Keys

The key that the call appears on will have a slow flashing amber or red light and the display shows:

```
Recall From [trunk no.]
```

To answer:

- Lift the handset and press the flashing **CALL** key or press the **ANS/RLS** key.

If you do not answer this recall within a preset period, it may go to the System Operator.

■ Phones Without CALL Keys

The display shows:

Recall From [trunk no.]

To answer:

- Lift the handset and press the **ANS/RLS** key.

If you do not answer this recall within a preset period, it may go to the System Operator.

Consultation Hold

When you are talking on an outside line and it is necessary to consult with another extension:

- Press the **TRSF** key and receive transfer dial tone. Your call is placed on transfer hold.
- Dial the extension and consult with the extension user.

Press the **TRSF** key *twice* (or press the soft key for the **RETURN** option on the LCD) to return to the outside party, or hang up to transfer the call to the extension.

Transferring Calls

You may transfer a call to another extension in one of two ways: a screened transfer allows you to notify the other party who is calling, or you can do a blind (unscreened) transfer without notification.

- While on a call, press the **TRSF** key and dial an extension or group number.
OR
Press a **DSS** key or station group key. Your call is automatically put on transfer hold.
- Hang up when you hear ringing if this is an unscreened transfer.
OR
Wait for the called party to answer, notify them of the call, and hang up.

To return to the outside party without transferring:

- Press the **TRSF** key twice.



1. After the extension answers, you can toggle back and forth between the parties by pressing the **TRSF** key *twice* or pressing the RETURN soft key.
 2. You can transfer an internal call by pressing a **DSS** key.
 3. When you are transferring a call to a keyset which is set for Auto Answer, the transferred call may ring or be connected without ringing depending on the system option set.
-

Transfer With Camp-On

When you are transferring a call to another extension and you receive busy tone, you can camp the call on to the extension.

■ Display Phones

When you hear busy tone, press the soft key for the **CAMP** option on the LCD and replace the handset. The called party will be alerted that a call is waiting for them.

■ Non-Display Phones

When you hear busy tone, press the **TRSF** key and dial ***44**, then replace the handset. The called party will be alerted that a call is waiting for them.

Conference Calls

You may conference up to eight parties (you and seven others) in any combination of extensions and external numbers. For example, the others may all be external parties (outside lines or remote extensions).

■ Display Phones

While engaged in a conversation, press the soft key for the **CONF** option on the LCD and receive transfer tone.

For each party you want to add:

- Make the call, either internal or external.
- When answered, press the **CONF** soft key to add the party to the conference.

■ Non-Display Phones

While engaged in a conversation, press the **TRSF** key.

For each party you want to add:

- Make the call, either internal or external.

- When answered, press the **TRSF** key and dial ***46** to add the party to the conference.



1. When attempting to add another party to the conference and you are unable to reach them, press the **TRSF** key *twice* to return to your previous conversation.
2. It may be necessary to press the **SCROLL** key in order to see the **CONF** option on the LCD.

Consultation

You can consult with two parties separately, speaking to one while the other is on hold. The ‘held’ party cannot hear your conversation with the party consulted.

- While engaged in a conversation with a caller, press the **TRSF** key and dial the second party.
- When connected to the second party, press the **TRSF** key twice to return to the first caller.

To toggle from one party to the other, press the **TRSF** key *twice*.

OR

Hang up to join the parties together.

Forwarding Calls

You can forward your calls to another station (extension), group of stations or an external telephone number. If you have a **FWD** key, a steady red light reminds you that a forward condition is activated.

The following describes how to set specific call forward conditions. Display phone users can use either the procedure shown under the heading ‘Display Phones’ or the procedure shown for non-display phones.

**NOTE**

Instructions are included for cancelling each call forwarding condition. Any forwarding you set can also be cancelled by dialling **#60**.

Forward All Calls

You can forward all your calls to another number.

■ Display Phones

- Press the **FWD** key, or press the **SCROLL** key and use the soft keys to select FWD from the SET menu.
- Use the *****, **#**, or Volume Up and Down keys to select ALL.
- Dial the extension or external number to which to forward. If you dial an external number, press the **#** key at the end of the number, or press the right soft key or **FWD** key.
- Press the Volume Up or Down key, or dial 1, to select YES for forwarding.
- Press the **FWD** key or the right soft key. You hear confirmation tone.
- Hang up.

To cancel 'Forward All Calls', dial **#61**. (Or press the **FWD** key *twice*.)

■ Display and Non-Display Phones

- Dial ***61**.
- Dial the extension or external number to which to forward. If you dial an external number, press the **#** key at the end of the number.
- Replace the handset.

To cancel 'Forward All Calls', dial **#61**.



NOTE

1. The extension that receives a forwarded call can transfer the call back to the forwarding extension.
2. 'ALL FWD to XXX' will be displayed on display keysets.
3. Forward All Calls has priority over all other call forwarding settings.

Forward Busy

You can forward calls to another number if your phone is busy.

■ Display Phones

- Press the **FWD** key, or press the **SCROLL** key and use the soft keys to select FWD from the SET menu.
- Use the *****, **#**, or Volume Up and Down keys to select BUSY.
- Dial the extension or external number to which to forward. If you dial an external number, press the **#** key at the end of the number, or press the right soft key or **FWD** key.
- Press the Volume Up or Down key, or dial 1, to select YES for forwarding.
- Press the **FWD** key or the right soft key. You will hear confirmation tone.

- Hang up.

To cancel 'Forward Busy' dial **#62**. (Or press the **FWD** key *twice*.)

■ Display and Non-Display Phones

- Dial ***62**.
- Dial the extension or external number to which to forward. If you dial an external number, press the **#** key at the end of the number.
- Replace the handset.

To cancel 'Forward Busy', dial **#62**.

Forward No Answer

You can forward calls to another number when you do not answer for any reason.

■ Display Phones

- Press the **FWD** key, or press the **SCROLL** key and use the soft keys to select FWD from the SET menu.
- Use the *****, **#**, or Volume Up and Down keys to select **NO-ANS**.
- Dial the extension or external number to which to forward. If you dial an external number, press the **#** key at the end of the number, or press the right soft key or **FWD** key.
- Press the Volume Up or Down key, or dial 1, to select **YES** for forwarding.
- Press the **FWD** key or the right soft key. You will hear confirmation tone.
- Hang up.

To cancel 'Forward No Answer', dial **#63**. (Or press the **FWD** key *twice*.)

■ Display and Non-Display Phones

- Dial ***63**.
- Dial the extension or external number to which to forward. If you dial an external number, press the **#** key at the end of the number.
- Replace the handset.

To cancel 'Forward No Answer', dial **#63**.

Forward Busy/No Answer

If you want a common destination for both Forward Busy and Forward No Answer, you can set both at the same time using the following procedure.

■ Display Phones

- Press the **FWD** key, or press the **SCROLL** key and use the soft keys to select FWD from the SET menu.
- Use the *****, **#**, or Volume Up and Down keys to select B/N.
- Dial the extension or external number to which to forward. If you dial an external number, press the **#** key at the end of the number, or press the right soft key or **FWD** key.
- Press the Volume Up or Down key, or dial **1**, to select YES for forwarding.
- Press the **FWD** key or the right soft key. You will hear confirmation tone.
- Hang up.

To cancel 'Forward Busy/No Answer', dial **#64**. (Or press the **FWD** key *twice*.)

■ Display and Non-Display Phones

- Dial ***64**.
- Dial the extension number or trunk telephone number to which to forward. If you dial an external number, press the **#** key at the end of the number.
- Replace the handset.

To cancel 'Forward Busy/No Answer', dial **#64**.

Forward Follow Me

When you want all calls to your usual extension forwarded to the extension you are now at (for both display and non-display phones):

- Press the **FOLLOW ME** key or dial ***65** plus the extension number of the extension being forwarded.
- Receive confirmation tone and hang up.

To cancel Follow Me:

- Dial **#65** plus your extension number.
- Receive confirmation tone and hang up.

Direct Call Pickup

To pick up (answer) a call ringing at another extension:

- Lift your handset and dial ***13** plus the extension number of the ringing phone.
OR

- Press the flashing **DSS** key.

Group Call Pickup

To pick up (answer) a call ringing in any pickup group:

- Lift your handset and dial ***77**.
OR
- Press the **GROUP PICKUP** key.

Executive Override (EOV)

All telephone users are assigned a class of service which determines which features of the DCS Gateway are available to particular users. Those users with a high-level class of service are provided with access to additional services: the EOV feature is one of these. When a user with the appropriate class of service calls a busy extension, the EOV feature can be used to interrupt the call and take part in the conversation.

The EOV feature cannot be used, however, if you have elected to disable the feature on your keyset. Neither can you interrupt a call on an extension which has the Privacy feature set (see *Dialling Features*).

- Pick up the handset and make a phone call by dialling the required extension.
- When you hear busy tone, press the **EOV** key.

If you don't have an **EOV** key, press the **SCROLL** key and then the right soft key to select the EOV menu.

You can join in the conversation with the two parties.

(If the extension has the Privacy feature set, you hear error tone and get the message "Privacy set.")

Dialling Features

The Dial Keypad

Dialling features on your keyset often require you to enter various characters (such as names) from the keypad using the keys 0–9. The following table shows you what you need to dial.

For example, if you want to enter the name DAVID, press ‘3’ once to get the letter D. Press ‘2’ once to get the letter A. Press ‘8’ three times to get the letter V, and so on. The # key moves the cursor to the next position. Use the Volume Up and Down keys to toggle between lower case and upper case characters.

COUNT→	1	2	3	4	5
Dial 0	Q	Z	.)	0
Dial 1	Space	?	,	!	1
Dial 2	A	B	C	@	2
Dial 3	D	E	F	#	3
Dial 4	G	H	I	\$	4
Dial 5	J	K	L	%	5
Dial 6	M	N	O	^	6
Dial 7	P	R	S	&	7
Dial 8	T	U	V	*	8
Dial 9	W	X	Y	(9

The star (*) key can be used for the following characters:

*, #, space, &, !, :, ?, ., %, \$, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, ;, \.

System Speed Dialling

You can dial a pre-programmed telephone number stored in the system-wide speed dial list of numbers (000–999):

- With the handset on-hook, press the **MEMORY** key or dial ***81**.
- Dial the desired speed dial number location.
OR
Press the right soft key to select the INDEX menu, and dial the desired speed dial number.

The telephone number is automatically dialled for you.

To dial a pre-programmed name stored in the system speed dial.

- Press the **MEMORY** key or dial ***81**.
- Press the soft key to select the NAME menu.
- Enter the first letter of the name you require from the keypad (see table above).
- Press the # key to scroll to the name you require OR press # followed by the next letter of the name, and use # again to scroll. (The message “NOT EXIST” appears if the letters you enter do not match names stored in the system.)
- Press the right soft key or **MEMORY** key to dial the stored number.

Personal Speed Dial Numbers

Your keyset can assign up to 20 personal speed dial numbers. These are divided into two groups, STATION SPEED1 and STATION SPEED2, each containing up to 10 numbers (0-9). Speed dial numbers can be extension numbers, feature access codes or external numbers.

■ **To store and dial speed dial numbers from a display phone:**

- Press the **STATION SPEED1** or **STATION SPEED2** key, if assigned. Otherwise, press the **SCROLL** key, then the **CALL** key, then the **SCROLL** key again and select either the STN1 or STN2 soft key.
- Press the left soft key to select the SET menu.
- Dial a speed dial number (0–9).
- Dial the extension number.
OR
Dial a line or line group access code followed by the telephone number, up to a maximum of 20 digits.
- Press the appropriate **STATION SPEED** key or right soft key.
- Enter the name from the keypad, using the table above.
- Press the appropriate **STATION SPEED** key or right soft key.
- Repeat for each speed dial number as required.

To dial a personal speed dial number, press the **STATION SPEED** key then the speed dial number (0-9).

■ **To store and dial speed dial numbers from a non-display phone:**

- Dial ***82*** for **STATION SPEED1** or ***83*** for **STATION SPEED2** (or press the appropriate key, if assigned, followed by *).
- Dial the speed dial no (0-9).
- Dial a line or line group access code followed by the telephone number, up to a maximum of 20 digits.

- Press the **TRSF** key *twice* or press the appropriate **STATION SPEED** key *twice*.

To dial a personal speed dial number, dial ***82** or ***83** (or press the appropriate **STATION SPEED** key) then dial the speed dial no. (0-9).

To delete a personal speed dial number, dial ***82*** or ***83*** (or press the appropriate **STATION SPEED** key, if assigned, followed by #) then dial the speed dial no.



A table is provided at the back of this guide for you to enter any personal speed dial numbers you create.

One-Touch Auto Dialling

You can assign any speed dial number to programmable keys on your keyset.

- Press the **TRSF** key.
- Press a free programmable key.
- Dial **003** to identify the key as an Auto Dial key.
- Press the same free programmable key again.
- Dial a line or line group access code followed by the telephone number, up to a maximum of 20 digits.
- Press the programmable key again to store your selection.

To call this telephone number, press the speed dial key.

Last Number Redial

To redial the last telephone number you dialled:

- Press the **REDIAL** key, or scroll to the **CALL** menu and select **LNR**, or dial ***90**.



1. The Redial feature code is applicable to the **LNR** menu on the LCD panel of the keyset.
 2. Redial applies to all calls, including internal calls, unless restricted to external calls by the System Administrator.
-

Save Number With Redial

To save the number you just dialled for later use:

- Press the **SAVE/REPEAT** key, or press the **TRSF** key and dial ***95**, before hanging up.

To redial this saved number at any time:

- Press the **SAVE/REPEAT** key or dial ***95**.



1. The **SAVE/REPEAT** feature code is applicable to the **SNR** menu on the LCD panel of the keyset.
 2. The saved telephone number is stored in memory until you save another number.
 3. This feature is only available for outgoing external calls.
-

Automatic Redial/Retry

When you are making an outside call and you receive busy tone, the system can automatically redial the number for you. It will automatically redial at a pre-programmed interval for up

to a preset number of attempts (the number of attempts can be set by your System Administrator).

On hearing a busy signal:

- Press the **REDIAL** key or press the **SCROLL** key and select **RETRY** from the menu.

The system will automatically redial the same number for you. You will hear the call being made through the keyset speaker. When the called party answers, lift the handset and begin speaking.

**NOTE**

1. If you make another call, auto-redial is cancelled.
2. To cancel auto-redial, lift and replace the handset.

Dispatch

The Dispatch feature enables calls to all keyset users in the same group in order to hold a conference or make a unilateral announcement. Up to 30 parties can participate in a conference. If there are more than 30 members in the group, the remainder can only hear the announcements.

Consult your System Administrator to set up the Dispatch group.

- To use the Dispatch feature, press the **DISPATCH** key.

If you have not assigned a **DISPATCH** key, press the **SCROLL** key then the **CALL** soft key. Now press the **DPCH** soft key to select the menu.

- Enter the group number (00–15) to hold a conference or make an announcement.

The phones of all members in the selected group, whose line is not busy, will ring.

Control Group Call Forwarding

You can forward calls received by the control group, which is composed of extension subscribers, to another subscriber's phone. This feature is often used to forward calls received after hours to an appropriate answering point.

- Press the assigned **CNTL GRP FWD** key.
If you do not have a **CNTL GRP FWD** key assigned, use the **SCROLL** key and the soft keys to select CFWD from the SET menu.
- Press the ***** key to register control group call forwarding.
- Dial the number of the control group to forward calls (three digits)
- Enter the extension number to receive calls. You will hear confirmation tone.
- Hang up.

Cancelling Control Group Call Forwarding

- Press the assigned **CNTL GRP FWD** key.
If you do not have a **CNTL GRP FWD** key assigned, use the **SCROLL** key and the soft keys to select CFWD from the SET menu.
- Press the **#** key.
- Dial the number of the control group to cancel forwarding (three digits). You hear signalling tone.
- Hang up.

Privacy

Using the Privacy feature, you can prevent other extensions from intruding on your calls with the Executive Override (EOV) feature. If your extension's class of service has the 'Inhibiting Break-in' feature, you are protected against the break-in operation automatically without having to assign the Privacy feature separately (see your System Administrator for details).

To assign the Privacy feature before making a call:

- Pick up the handset and check for dial tone.
- Press the assigned **PRIVACY** key. If you do not have a **PRIVACY** key assigned, use the **SCROLL** key and the soft keys to select **PRIV** from the **OTHER** menu.
- Dial your call when you hear dial tone.

External Call Lock

When an extension phone is unattended, a passcode can be entered to prevent outgoing calls being made.

- Press the assigned **EXT CALL LOCK** key.
If you do not have an **EXT CALL LOCK** key assigned, use the **SCROLL** key and soft keys to select **LOCK** from the **SET** menu.
- Press the ***** key.
- Dial the 4-digit number to be used as a passcode. You will hear confirmation tone.

Cancelling External Call Lock

- Press the assigned **EXT CALL LOCK** key.

If you do not have an **EXT CALL LOCK** key assigned, use the **SCROLL** key and soft keys to select **LOCK** from the **SET** menu.

- Press the **#** key.
- Dial the 4-digit number you entered as a passcode. You will hear confirmation tone.

Paging and Messaging

Making a Digital Phone (Internal) Page

To make an announcement through the keyset speakers:

- Lift the handset.
- Press the **DGP PAGING** key.

If you do not have a **DGP PAGING** key assigned, use the **SCROLL** key and soft keys to select **DPAG** from the **OTHER** menu, or dial ***55**.

- Dial the desired 2-digit zone number (00–99).
- After the attention tone, make your announcement.

Making a Zone (External) Page

The system supports up to 10 external paging areas (0–9) with up to nine zones (1-9) in each. To make an announcement through connected external paging speakers:

- Lift the handset.
- Press the **ZONE PAGING** key.

If you do not have a **ZONE PAGING** key assigned, use the **SCROLL** key and soft keys to select **ZPAG** from the **OTHER** menu, or dial ***56**.

- Dial the area number, 0–9.
- Dial the zone number, 1–9 (or dial **0** to page **all** zones in the selected area).
- After the attention tone, make your announcement.

**NOTE**

The LED on the **DGP PAGE** and **ZONE PAGE** keys will only light when a page is in progress.

Call Parking

When you have a call for someone who is not at their desk, you can park the call while you locate the person required. There are three parking locations available on the system: station, trunk and orbit.

Type	To Park Call	To Answer Park
Station	STNPRK key or dial TRSF *53 + station no.	STNPRK ANS key or dial *53 + station no.
Trunk	TRKPRK key or dial TRSF *52 + trunk no.	TRKPRK ANS or dial *52 + trunk no.
Orbit	ORTPRK key or dial TRSF *51 + orbit no. (2 digits)	ORTPRK ANS or dial *51 + 1 + orbit no. (2 digits)

To Park a Call

- While in conversation, press the appropriate park key or the **TRSF** key and the appropriate park code from the table above.
- Dial the desired station (extension), trunk number or orbit number (00-99) you wish to park the call on.
- Hang up.

To Answer a Parked Call

- Press the appropriate park type key or dial the appropriate park code from the table above.

- Dial the extension or trunk number, or dial **1** and then the orbit number, on which the call has been parked.

You will be connected to the parked call.



If the parked call is not answered within a pre-programmed period of time, it will recall your keyset and have a slow flashing green light.

Setting a Message Indication

To leave a message at another station or station group if no-one answers or you receive busy tone:

- Press the **MESSAGE** key, or press the **TRSF** key and dial ***41**.

If you have no **MESSAGE** key assigned, use the soft keys to select the MSG menu.

- When you receive confirmation tone, hang up.

(The message key on the called extension or on all of the extensions in the group will flash. Standard or SLT telephones receive a special dial tone as a message indication.)

Cancelling Messages

To cancel a message indication that *you left at another extension*:

- Dial **#43** plus the extension number at which you left a message indication, or press the **MESSAGE** key and then the **CLEAR** key.

To cancel all message indications *left at your keyset*:

- Dial **#42** plus your extension. Your **MESSAGE** key light will turn off.

Returning Messages

- Press the **MESSAGE** key twice or dial ***43**. The first extension that left you a message will be called automatically.
OR
Press the **MESSAGE** key and then the **DIAL** soft key.
- Repeat until all messages have been returned in the order received.

Your **MESSAGE** key light will turn off when all messages have been returned.



Display keyset users can view message indications and return them in any order by pressing the Volume Up key. See *Viewing Message Indications* under Display Features.

Convenience Features

Do Not Disturb (DND)

Use this feature when you want to block incoming calls to your keyset. You can still make outgoing calls while in DND mode.

- While on-hook, press the **DND** key or dial ***40**. The **DND** key will light. When you go off-hook, the dial tone is changed to a warning tone.

To Cancel DND:

- Press the **DND** key again or dial **#40**. The **DND** key light turns off.



The system can be programmed so that direct dial inward calls will override DND (see your System Administrator).

Mute

You can mute the handset transmitter or the microphone while the phone is idle, or during a conversation, so you cannot be heard:

- Press the **MUTE** key. The LED will light red.
OR
Use the **SCROLL** key and soft keys to select MUTE from the **SET** menu. When the MUTE feature is selected, “mute” (lowercase) is displayed.

To resume speaking:

- Press the **MUTE** key again and turn the light off. Or, select “mute” from the SET menu. “MUTE” (uppercase) is displayed.

Background Music

If a music source is supplied, you can listen to music through the speaker in your keyset.

- While on-hook, press the **HOLD** key to hear music (the **HOLD** key light will flash).

To turn music off:

- Press the **HOLD** key again

Appointment Reminder/Alarm Clock

You can set up to four daily reminders/alarms. Alarms can be set to ring once only, or daily for up to nine days.

When the phone rings, lift the handset to answer the alarm. If you do not, the alarm will alert you at pre-programmed intervals.

To Set Alarms:

- Press the **WAKE-UP** key or, using the **SCROLL** key and soft keys, select WAKE from the SET menu.
- Dial the time you want the alarm to sound. Enter the time as HHMM (hours and minutes) using a 24-hour clock.
- In the COUNT field, enter a number 1–9 (for the number of days) or 0 (for ‘every day’) for alarm to be repeated.
- Use the Volume Up and Down keys to scroll through the list of text messages (these must first have been set up by the System Administrator).

- When you hear confirmation tone, hang up.
- Repeat for each alarm as needed.
- To set more than one alarm, press the **WAKE-UP** key and use the Volume Up and Down keys to select an alarm.

To cancel individual alarms:

- Press the **WAKE-UP** key and the **CLEAR** key. Or, using the **SCROLL** key and soft keys, select **WAKE** from the **SET** menu and press the **CLEAR** key.
- When you hear confirmation tone, hang up.

Executive/Secretary Features

■ Multiline

Allows secretaries and executives to have their calls screened, to answer unattended telephones and to transfer calls. When using the Multiline feature, each extension line to be monitored will appear on a key on the monitoring extension. There are three types of extension lines:

- Primary—the extension's directory number.
- Secondary—an extension line appearance of another extension's primary line.
- Unique—an extension line which is not available on any other multiline extension.

Ringing Extension Line

For each extension line appearance, incoming calls will flash the relevant key on your keyset and ring your keyset. You can toggle between receiving ring or not receiving ring for a particular extension.

To turn ring off / on:

- Press the appropriate extension line key followed by the DND key.

To Answer a Multiline Call

If the call is ringing:

- Lift the handset or press the flashing extension line key to answer using the speaker.

To Transfer a Multiline Call

After answering a call for the executive, the secretary can transfer the call to the executive in the normal way, using the executive's unique line.

To Make an Extension Call

- Lift the handset or press a key to select a specific extension line.

■ Hot Line

If a Hot Line is programmed for a phone, another preset extension is automatically dialled when the phone is taken off-hook.

■ Warm Line

If a Warm Line is programmed for a phone, another preset extension is automatically dialled after a short delay when the phone is taken off-hook ('delayed hot line').

Pick up the handset and listen for dial tone. After a fixed period, you will hear ring-back tone.

■ Buzzer

If programmed, an extension can have a **BUZZER** key which when operated will provide an audible signal to another extension, even if the other extension is busy.

Group Listening

When engaged on a call and using the handset, you may want other people to hear the call over the speaker.

- Press the **LISTEN** key to turn on the speaker.

When using this feature, the **LISTEN** menu is displayed in lowercase (“listen”) on the display.

- Press the **LISTEN** key again to turn off the speaker and resume private conversation.

Account Codes

When equipped with optional Call Management software, your DCS Gateway system will allow calls to be charged to a specific account.

- Before or during any call, press the **ACCOUNT** key or press the **TRSF** key and dial ***47**. (Any current call is interrupted.)
- Enter the account code (maximum 12 characters including 0-9 and *****).
- Press the **#** key to resume your conversation.



NOTE

If you make an error before you complete the account code, press the **TRSF** key *twice*.

Customising Your Keyset

Assigning Features to Programmable Keys

To use the various features that are provided by the digital phone, you can select the feature displayed on the LCD using the **SCROLL** key and soft keys, as described for the relevant feature. However, it may be more convenient for you to assign the most commonly-used features to the programmable keys on the keyset using MMC programming.

First, make sure that your System Administrator has already assigned the MMC feature to your **TRSF** key. Then:

- Press the **TRSF** key to enter MMC mode.
- Press the programmable key against which you wish to assign a feature. The LED of the selected key flashes.
- Enter the 3-digit code of the feature to assign (see the Appendix for a list of feature codes).

OR

Dial **001**. A feature is displayed on the LCD. Find the feature you require using the ***** key (previous feature) and **#** key (next feature) to scroll the list of features.

- When the required feature is displayed, press the flashing programmable key. If no additional information is required, the feature is assigned to the key and the LED is turned off.

If the feature you select requires additional information (for example, the **AUTO DIAL BLF** feature requires you to enter an extension number), enter the information and press

the programmable key again to assign the feature and turn off the LED.

Selecting Ring Tone

You can select any one of 16 ring frequencies.

- While on-hook, press the **TRSF** key.
- Press the Volume Up and Down keys to hear each tone.

When you hear the tone that you want, press the **TRSF** key to assign it.

Setting Auto Answer Mode

You can receive internal calls in one of two modes: Ring or Auto Answer. To set Auto Answer mode you must first program an **AUTO ANSWER** key, then:

- Press the **AUTO ANSWER** key. The LED of the **AUTO ANSWER** key is turned on and “Auto Answer” is displayed on the LCD.

Headset Operation

You can switch easily between handset mode and headset mode using the **HEADSET** key. When using headset mode, you press the **ANS/RLS** key to answer and release calls.



When you are in headset mode, your speakerphone is disabled.

Display Features

Directory Information

A name (up to 16-characters long) can be assigned to each extension number. Display keysets can view the name of the calling extension before answering. The display will show:

CALL FR XXXX	where XXXX is the calling extension no.
NAME	the calling extension's name

Each outside line (including direct dial inward lines) can have a name. Incoming calls can be easily identified and answered with different greetings.

Enter Extension Name

You can enter your own name or another extension user's name.

■ To enter your own name:

- Press the STN NAME key.
- Press the right soft key.
- Enter your name, up to 16 characters, using the dial keypad. (See the table at the start of the *Dialling Features* section for details.)
- Press the STN NAME key or right soft key, then the SPEAKER key.

■ To enter another extension user's name:

- Press the STN NAME key.
- Press the extension number for the phone on which you want to display the name.
- Enter the name, up to a maximum 16 characters. (See the

table at the start of the *Dialling Features* section for details.)

- Press the **STN NAME** key or right soft key, then the **SPEAKER** key.



The actual number of characters displayed on the phone depends on the length of the extension number and the class of service options set.

Dial By Name

Each speed dial number can have an associated directory name and can be selected by scrolling alphabetically through the directory name list. This on-line “phone book” allows you to look up and dial any speed dial number quickly.

To dial by name:

- Press the **MEMORY** or **SPEED** key.
- Press the **NAME** soft key.
- Press a key to select the first letter of the name you wish to search for.
- Use the **#** key to scroll through names.
- Press the right soft key associated with the name to dial the number.

Display Number Dialed

Display keysets show digits as they are dialed. They will stay in the display until the call duration timer comes on automatically or the **AUTO TIMER** key is pressed. If the call duration timer is not used (see below), the number dialed is displayed until the call is released, transferred or put on hold.

Call Duration Timer

By default, your system is set up to automatically display a call timer (minutes and seconds) on a keyset when a call is made or received by that keyset. You can select whether or not to have this display on your keyset.

Setting the Auto Timer

- Press the **AUTO TIMER** key.
- Press 1 or the Volume Up key to select YES for the timer to be displayed. Otherwise, press 0 or the Volume Down key for no timer display (NO).
- Press the **AUTO TIMER** key. You hear confirmation tone.

Viewing Message Indications

You can view all your message indications before you return them.

- While on-hook, press the flashing **MESSAGE** key.
The first extension that left a message indication is displayed.
- Press the Volume Up and Down keys to scroll through the extensions that left message indications. Use the soft keys to reply, clear or advance to the next message.
- Press the **ANS/RLS** key to return to the idle condition.

CLIP

While talking on a trunk incoming call that provides CLIP information:

- Press the **CLIP** key, or press the **SCROLL** key and the soft key for the CLIP menu. The trunk telephone number is displayed on the LCD.
- Press the soft key for the NND menu to see other information, such as the name of the caller or the time.
- Press the **STORE** key to save the CLIP number as a speed dial number in your personal speed dial list.

OR

Press the **SAVE** key to save the CLIP number as a Save/Repeat number.



NOTE

CLIP information can be used for NND, STORE, and SAVE functions.

REVIEW information can be used for CLEAR, NND, DIAL and STORE functions.

Reviewing Past CLIP Calls

This feature allows you to review CLIP information for calls sent to your extension. Information for 10-50 calls on a first-in, first-out basis can be reviewed. When reviewing this list, you can press a key to dial a number.

To access the CLIP information stored in your REVIEW list:

- Press the **REVIEW** key, or use the **SCROLL** key and soft key to select REVW in the OTHER menu.

If you have entries in your review list, the oldest call will be shown first.

- You can now clear this entry (press the **CLEAR** key).
OR
Select the NND menu to view more information about this call.
OR
Press the DIAL soft key to call this person back.
OR
Press the **SCROLL** key and then press the STORE soft key to save this number in a personal speed dial bin.

**NOTE**

Each keyset defaults with 50 review bins. Please see your System Administrator to determine the number of bins assigned to your keyset.

Storing a CLIP Number

At any time during an incoming call that provides CLIP information, you can save the CLIP number as a personal speed dial number in your personal speed dial list.

To store a CLIP number:

- Press the **STORE** key.
OR
- Press the **CLIP** key and then press the **SCROLL** key.
- Press the STORE soft key.

The system displays the speed dial bin in which the number is stored.

Saving a CLIP Number

At any time during an incoming call that provides CLIP information, you can save the CLIP number as a Save/Repeat number.

To save a CLIP number:

- Press the **STORE** key.
- OR
- Press the **CLIP** key and then press the **SCROLL** key.
 - Press the **STORE** soft key.

The system displays the Save/Repeat dial bin in which the number was stored.

Additional Features

No Answer Autocom (Forced Answer)

If an extension does not answer a call, this feature allows you to converse through the speaker of the called extension.

When ring-back tone is heard, press the **NOANS AUTOCOM** key (if one has been programmed) or the **FANS** soft key.

You hear a short notification tone and can then converse through the called extension's speaker.

Auto Dial BLF

When an extension number or an outside telephone number is assigned to the **AUTO DIAL BLF** key, you can monitor the status of the extension or number, and call or answer that extension or number automatically.

■ **The LED of the AUTO DIAL BLF key is turned off:**

This extension or trunk telephone number is idle. Press the **AUTO DIAL BLF** key to call.

■ **The LED of the AUTO DIAL BLF key is flashing quickly:**

An incoming call is ringing. Press the **AUTO DIAL BLF** key to answer the call.

■ **The LED of the AUTO DIAL BLF key is flashing slowly:**

The busy line is on hold. Press the **AUTO DIAL BLF** key to pick up and answer the call on hold.

■ **The LED of the AUTO DIAL BLF key is turned on:**

This line is busy.

Add-On Module

The add-on module (AOM) is used when you need more programmable keys. These extra programmable keys are used in exactly the same way as the ones on your keyset. Make them **AUTO DIAL** or **AUTO DIAL BLF** keys, line keys, One-Touch Speed Dial keys or any combination of these. A maximum of two AOMs can be added to any keyset.

Appendix:

Feature Key Codes

This appendix lists the features that can be assigned to the key-set's programmable keys, together with their codes.

When you assign a feature to a programmable key and you know the feature code, you can assign it by entering the code without the need to use the # and * keys to scroll through the feature list.

Code	Feature
001	ACCOUNT
002	AUTO ANSWER
003	AUTO DIAL
004	AUTO INTERCOM
005	BUZZER
006	CAMP
007	CLEAR
008	COM DIAL
009	CONFERENCE
010	ROOM DATA
011	NO CODE
012	NO CODE
013	DO NOT DISTURB
014	END
015	EOV
016	EXT CALL LOCK
017	FAC
018	FOLLOW ME

019	FORWARD
020	NO CODE
021	NO CODE
022	MESSAGE
023	MUTE
024	NO CODE
025	NO CODE
026	NO CODE
027	PICK-UP
028	RADIO PAGING
029	PRIVACY
030	NO CODE
031	REDIAL
032	SAVE/REPEAT
033	NO CODE
034	SYSTEM SPEED
035	TRK FLASH
036	WAKE UP
037	ROOM STATUS
038	DTS
039	DTS NO.
040	SERVICE
041	VIP
042	LANG
043	COS
044	ROOMCOS
045	NAME
046	SRV CALL LOCK
047	STATION SPEED 1
048	STATION SPEED 2

049	ACD LINE
050	ACK
051	AGT MSG
052	AGT MSG CLEAR
053	AVAIL
054	BAD LINE
055	EMERGENCY
056	ENTER ID
057	HEAD SET
058	MONITOR
059	NON ACD
060	PLAY
061	RECORD
062	SUPMSG
063	SUPMSG 1
064	SUPMSG 2
065	SUPMSG 3
066	SUPMSG 4
067	SUPMSG 5
068	SUPMSG 6
069	SUPMSG 7
070	SUPMSG 8
071	SUPMSG CLEAR
072	UNAVAIL
073	WORK
074	ORBIT PARK
075	ORBIT PARK ANS
076	STN PARK
077	STN PARK ANS
078	TRUNK PARK

079	TRUNK PARK ANS
080	ZONE PAGING
081	DGP PAGING
082	NO CODE
083	DATA FUNCTION
084	GUEST
085	NEXT
086	PRINT
087	ROOM WAK
088	SEND
089	NO CODE
090	DISPATCH
091	PREDIAL
092	CABS
093	ACD CALL WAITING
094	CALL WAITING
095	SVC PSWD CHK
096	PAUSE
097	COMMENT
098	VACANT
099	NOTIFY
100	GRPMMSG
101	THREE PARTY
102	OPP1 DISCONN
103	OPP2 DISCONN
104	OPP1 CONN
105	OPP2 CONN
106	MALICIOUS ID
107	DIAL CALL
108	DIALCOM CALL

109	Forced LOGOFF
110	CNTL GRP FWD
111	BOOTH CALL
112	BOOTH RECALL
113	WAKEUP ALARM
114	BATH ALARM
115	NO/DELAY RING
116	ALTER FWD
117	AUTO RECORD
118	NOANS AUTOCOM
119	DND OVERRIDE
120	NO CODE
121	OFFER
122	AUTODIAL BLF
123	STAT
124	AUTO TIMER
125	EMERGENCY !!!
126	REVIEW
127	ABANDON
128	CLIP
129	NND
130	STORE
131	NOANS TIMER
132	STN NAME
133	HOLD PICKUP
134	CONNECT
135	IGNORE
136	IN-OUT GROUP
137	NIGHT
138	ACD AUTOWORK

Personal Speed Dial Numbers

	CODE	NAME	TELEPHONE NUMBER
SPEED1	0		
	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	9		
SPEED2	0		
	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	9		

Changed System Access Codes

Please enter the feature access codes configured for your system if different from the default codes printed on the back cover.

CODE	FEATURE	CODE	FEATURE
	Call attendant or system operator		Trunk park call/answer
	External call lock		Station park call/answer
	Release external call lock		Page internal zone (00–99)
	Put calls on and take calls off hold		Page all external zones in area
	Retrieve calls on hold at another station		Page external zone (1–9) in area
	Direct call pickup		ACD log on
	Extension numbers		ACD log off
	Extension numbers		Cancel all call forwarding
	Set Do Not Disturb		Set Forward All Calls
	Cancel Do Not Disturb		Set Forward Busy
	Set message		Set Forward No Ans
	Clear messages		Set Fwd Busy/No Ans
	Return messages		Set Fwd Follow Me
	Cancel set message		Control Group Forward
	Busy station/group callback		Group call pickup
	Cancel callback		Individual line numbers
	Set up a conference		Trunk groups
	Enter account code		System speed dial
	Forced Authorisation Code		Station speed dial 1
	Send flash to outside line		Station speed dial 2
to	Station hunt group		Trunk group 9 (Local)
			Last number redial
	Station hunt group		Save number and redial
	Orbit park call/answer		

SYSTEM ACCESS CODES

The DCS Gateway telephone system has the following preset (default) feature access codes.

0	Call attendant or system operator	*52 + xxx	Trunk park call/answer
*00	External call lock	*53 + xxx	Station park call/answer
#00	Release external call lock	*55 + xx	Page internal zone (00–99)
*11	Put calls on and take calls off hold	*56 + area no. + 0	Page all external zones in area
*12 + xxx	Retrieve calls on hold at another station	*56 + area no. + x	Page external zone (1–9) in area
*13	Direct call pickup	*59	ACD log on
2xx	Extension numbers	#59	ACD log off
3xx	Extension numbers	#60	Cancel all call forwarding
*40	Set Do Not Disturb	*61 + xxx	Set Forward All Calls
#40	Cancel Do Not Disturb	*62 + xxx	Set Forward Busy
*41	Set message	*63 + xxx	Set Forward No Ans
#42	Clear messages	*64 + xxx	Set Fwd Busy/No Ans
*43	Return messages	*65 + xxx	Set Fwd Follow Me
#43 + xxx	Cancel set message	*67	Control Group Forward
*44	Busy station/group callback	*77	Group call pickup
#44	Cancel callback	7xx	Individual line numbers
*46	Set up a conference	8x	Trunk groups
*47	Enter account code	*81 + xxx	System speed dial
*48	Forced Authorisation Code	*82 + x	Station speed dial 1
*49	Send flash to outside line	*83 + x	Station speed dial 2
500	Station hunt group	9	Trunk group 9 (Local)
to		*90	Last number redial
529	Station hunt group	*95	Save number and redial
*51 + xx	Orbit park call/answer		

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