

DX

DIGITAL COMMUNICATION SYSTEM

SYSTEM ADMINISTRATION AND SPECIAL FEATURES GUIDE

The Samsung logo, consisting of the word "SAMSUNG" in white, uppercase, sans-serif font, centered within a blue, horizontally-oriented oval shape.

SAMSUNG

ABOUT THIS GUIDE

This guide contains instructions for special features that every telephone user may not need to know. The owner can decide who the System Administrator will be and who will have access to these features. Station users can be trained on only the items that apply to them. This procedure will help ensure your system and communications are managed effectively.

Several of the features listed in this book are specific to the system operator or attendant position. You can have more than one operator or set your system up to be used without an operator.

The designated System Administrator can access specific programs and modify some functions to tailor the DX telephone system to suit your needs. Instructions are detailed and easy to follow. This guide provides information for all DX systems – DX408, DX408i and DX816. Where a feature is specific to one of the systems above it will be clearly identified otherwise all features are applicable to all DX systems.

When assistance is needed, contact your DX Dealer.

1. SPECIAL FEATURES

NOTE: Please note that features marked with an * may not be available on all models and software versions. Please check with your Samsung DX supplier.

1.1 NIGHT SERVICE OPERATION

(AUTOMATIC OR MANUAL)

Your system is designed to have an alternate mode of operation generally designated as Night Service. Night Service permits incoming calls to be answered differently to normal day operation. Night Service is available on an individual tenant basis and may be set manually or automatically. While in **NIGHT** mode, stations will be limited to their individual night class of service dialling restrictions. You can put the system in or out of Night Service at any time. For automatic Night Service, each tenant has an on-time and an off-time for each day. If no automatic timer is set, Night Service must be turned on and off manually.

1.2 AUTOMATIC NIGHT SERVICE

Automatic Night Service is turned on or off according to the programmed on and off times. These programmed times use the system clock as a reference, so the system clock must be set correctly.

Pressing the manual **NIGHT** key will override the automatic mode until the next programmed time in all software versions prior to July 1998 (Version 5.0). In Version 5.0 software manual setting will have priority over automatic night mode ie. the system once manually set will stay in night mode until changed manually.

1.3 MANUAL NIGHT SERVICE

Press the **NIGHT** button on any keyset associated with the tenant group that wants to enter Night service. Enter the Night service passcode and press 1 to enter Night Service. The **NIGHT** key on all keysets in that tenant group will light red to indicate that Night Service has been set for that tenant.

To enter day service, press the **NIGHT** button, enter the night service passcode followed by the digit 0 to exit night service and enter day service.

1.4 HOLIDAY MODE *

This feature allows up to 60 holiday dates to be programmed into the system, so that when automatic night service is selected the system will remain in night service for the programmed holiday. When using the optional Automated Attendant or Digital Voice Mail system your callers will receive the night greeting. This feature is programmable in later software releases.

1.5 CALLING THE SYSTEM OPERATOR

Any station that dials **9** will ring its assigned operator. (If tenant service is used, each tenant may have a different operator or operator group.) Calls to the system or tenant operator are easily identified because the **CALL** key will have a rapidly flashing red light. Station users will never receive a busy signal when they dial **9** or the operator group number. The calls will continue ringing in queue until answered.

1.6 OPERATOR RECALLS *

Transferred calls that go unanswered will recall to the station that originated the transfer. Should the station that originated the transfer not answer the recall, the call will be sent to the system or tenant group operator as a transfer recall.

A call left on hold will recall the station that put it on hold. If the hold recall is unanswered at the station that originated the hold, the call will be sent to the system or tenant group operator.

Both types of recalls will ring and have a slow flashing amber or red light on the **LINE** key or **CALL** key.

1.7 EXECUTIVE BARGE-IN

If you want to break into another station's conversation, you must be allowed to barge-in and the other station must not be secure.

- Dial the desired extension number and listen for the busy signal.
- Press the BARGE-IN button and begin speaking after the tone.
- Hang up when you are finished.

The system must be programmed for this feature. Consult your Samsung Communication Specialist.

1.8 WALKING CLASS OF SERVICE

You can change a restricted station's class of service to the same class as your station is in, allowing you to make calls or use features that would otherwise be restricted from that station.

- Lift the handset or press the SPEAKER key.
- Dial 59 and then your extension number.
- Dial your station passcode and receive internal dial tone.
- Dial an access code and then the telephone number - OR - use the desired feature as usual.
- Hang up. The station will be returned to its restricted status

NOTE: The default station passcode 1234 cannot be used to activate this feature.

1.9 IN/OUT OF GROUP

Any station assigned to a station group can remove itself from that group and then re-enter the group at a later time. When out of the group, a station can receive calls to its extension number but not to the group. There are 4 groups on the DX408 and 10 on the DX816. The access codes are 50 – 53 and 500 – 509 respectively.

To create a backup or relief operator position, assign the main operator and one or more backup individuals to the operator group. All but the main operator should be out of the group. When it is necessary to use a backup operator, put the desired backup station in the group and remove the main operator. When incoming call traffic is heavy, you can have another station put itself in the operator group along with the main operator to handle the extra call load.

If the station does not have an **IN/OUT** key:

- Lift the handset and dial **53**.
- Dial the group number.
- Dial **0** to be out of the group - **OR**- dial **1** to be in the group.
- Receive confirmation tone and hang up.

If the station has an **IN/OUT** key assigned to it:

- Press the **IN/OUT** key. It will light red when the station is in the group.
- Press the **IN/OUT** key again. The light is off when the station is out of the group.

NOTE: A station can be in more than one group.

1.10 DIRECT INWARD SYSTEM ACCESS (DISA) (DX408i / DX816)

DISA allows the use of an incoming line to gain access to system resources for the purpose of dialling an intercom, accessing a outside line, internal paging or changing external forward setting.

From outside of the office, selected individuals can call into the DX system on special DISA line(s). A security code must be entered to gain access. Once these individuals are in the system, they can:

- Make outside calls using the office lines
- Call stations within the system

OR

- Access paging resources
- Set/reset their external forward database.

Individuals who use DISA must have their stations assigned for DISA access and they must change their station passcodes. The default passcode 1234 cannot be used. To use DISA:

- Call in on the DISA line from any phone with tone dialling.
- When you hear the DISA dial tone, dial your security code (the extension number plus your station passcode).
- If you are allowed access, you will receive system dial tone.
- Dial any line access code, receive outside dial tone and then dial a telephone number
- **OR** - dial any extension number to call a station in the system.
- To make a second intercom call press |R, receive dial tone and dial another extension number.
- Press # and hang up when finished.

NOTE: Outgoing DISA calls are controlled by the dialling class of the station identified by the security code. The DISA line must have disconnect supervision from the central office. Insist that this condition be verified by your service company.

1.11 DISA SECURITY

A common practice among hackers is to repeatedly dial a known DISA access number (usually with a computer) and try a different passcode each time. The hacker hopes to eventually chance upon the correct passcode and thus gain access to your system. The SAMSUNG DX' security

feature will count the number of sequential incorrect passcode attempts, and if a certain number is reached, DISA will be disabled and the system will alert designated stations. The number of incorrect passcodes and the disable duration are both programmable. In addition, the DX system will print an SMDR record (a customer-provided printer and a SIM are required) each time an incorrect passcode is entered.

To clear the DISA alarm, follow the following procedure:

- Lift the handset and dial the access code 58.
- Enter the DISA alarm passcode (see your Samsung Communication Specialist for this number).
- Replace the handset.

Warning

As it is impossible to prevent unauthorised access to your telephone system by hackers, we suggest that you do not turn the DISA feature on unless you intend to use it. If you do use this feature, it is good practice to frequently change access passcodes and periodically review your telephone records for unauthorised use.

1.12 FORCED ACCOUNT CODES

Account codes are used to provide accountability for the calls that are made. These account codes can be either forced or optional; if forced, they are always verified from a system list of up to 100 (DX408) or 200 (DX816) entries.

1.12.1 USING FORCED ACCOUNT CODES

- Lift the handset and press the ACCT CODE key or dial 47.
- Enter the account code.
- Press the account code button again, then press **TRSF** (or hookflash on a standard telephone).

If a correct code is entered, you will hear DX dial tone and you can make an outside call in the usual manner. If an incorrect code is entered, the station returns error tone.

For information on entering and changing forced account codes, see the System Administrator programming section of this book.

1.13 AUTHORISATION CODES

Authorisation codes are used to validate a station user and give permission to make a call. These four digit authorisation codes can be either forced or optional; if used, they are always verified from a system list of up to 250 entries.

Each authorisation code has an associated class of service. When the code is entered, the class of service is changed to the dialling class of the authorisation code.

1.13.1 USING AUTHORISATION CODES

After going off-hook, you must dial **!R** followed by a four digit authorisation code. If you enter a correct code, you will hear a confirmation tone and then receive DX dial tone and you can make an outside call in the usual manner. The station then follows the dialling class for that authorisation code. If you enter an incorrect code, the station returns error tone. This code may or may not print on SMDR reports depending on SMDR programming.

2. CLIP (Calling Line Identification Presentation) SPECIAL FEATURES

2.1 INTRODUCTION

The Call Line identification Presentation (CLIP) feature requires that ISDN is connected to the system or the network provider to supply the information via the analog network (PSTN). In both cases the system requires the appropriate hardware and or software so please speak to your Samsung Communication Specialist to ensure your system can support this feature. The DX systems can support ISDN CLIP only.

2.2 INVESTIGATE

Investigate allows selected stations with a special class of service to investigate any call in progress. If CLIP information is available for an incoming call, you will know to whom this station user is speaking. For outgoing calls, you can see the number that was dialled. After investigating, you may barge-in on the conversation, disconnect the call or hang up your phone to end the investigation.

- At your keyset, press the **INVESTIGATE** key.
- Enter your station passcode. (Default passcodes cannot be used).
- You can now press **BARGE** to barge-in on the conversation.

OR

You can press **NND** to view more information about the call.

OR

You can press **DROP** to disconnect the call.

NOTE:

1. If the call is an outgoing call, the **NND** key will not appear.

2.3 ABANDON CALL LIST (50)

The system has a system-wide abandoned calls list that stores CLIP information for the last 50 calls that rang but were not answered and were accompanied with valid CLIP information. The abandoned calls list is accessed using the System Administrator's passcode. When reviewing this list, you are provided options to **CLEAR** the entry or **DIAL** the number. You can use the **NND** key to toggle between the CLIP name, CLIP number and the date and time the call came in. To view the list of abandoned incoming calls for which CLIP information has been received:

- Dial 64 and dial the System Administrator passcode.
- Scroll through the entries using the VOL keys.

2.4 NUMBER TO NAME TRANSLATION

The system provides a translation table (100 entries for the DX 408i and 200 for the DX 816) for displaying names on your LCD instead of numbers. When the CLIP number is received, the table is searched and when a match is found, the system displays the corresponding name from the table.

3. SYSTEM ADMINISTRATOR PROGRAMMING

3.1 CUSTOMER-LEVEL ACCESS

Before any customer programs can be accessed, you must first open system programming using the passcode you have been assigned. This must be done using an LCD keyset. Should it become necessary to change this passcode, see your Service company.

- While your handset is on-hook, press **TRSF** and then dial **200**.
The display shows [ENABLE CUS. PROG. PASSCODE].
- Dial the four digit passcode.
The display shows [ENABLE CUS. PROG. - DISABLE].
- Dial 1 to enable.
The display shows [ENABLE CUS. PROG - ENABLE].
- Press **TRSF**. The keyset returns to its idle condition.
- Now press **TRSF** and the three digit program code you want to access. Follow the instructions for that program.

NOTE: You must begin programming within 30 seconds. Once you are in programming, any delay of more than 30 seconds between key strokes will cause the system to automatically close programming.

3.2 SET DATE AND TIME DISPLAY

Should it ever become necessary to correct the date and time displayed on all of the keysets, do so as soon as you notice that they are incorrect. Automatic Night Service will not work correctly and SMDR records will be of no value if the date and time are not correct.

The display format is as follows:

W (Day of the week, 0-6): eg., enter **0** for Sunday and **6** for Saturday.

MM (Month, 01-12): eg., enter **01** for January and **12** for December.

DD (Day of the month): enter a number in the range 01 - 31.

YY (Year): enter the last two digits of the year, eg. 95.

HH (Hours): use the 24-hour clock and enter a number in the range **00 - 24**.

MM (Minutes): enter a number in the range of 00 - 59.

Failure to enter the time using the 24-hour clock will cause the date to change at 12:00 PM Open customer programming and follow the instructions below.

ACTION

1 Press **TRSF 505**
Display shows

2. Enter the new time and date using the above format

3. Verify the time and date and re-enter them if necessary

4. Press **TRSF** to store and exit programming OR press **SPEAKER** to store and advance to the next program

DISPLAY

OLD : 6010184 : 0047
NEW : WNNDDYY : HHMM

OLD : 6010184 : 0047
NEW : 3020994 : 1445

If you have entered invalid data, you will receive an [INVALID ENTRY] message for three seconds. Re-enter the correct date and time. If the information you entered is incorrect, repeat the procedure.

3.3 RESET STATION PASSCODES TO DEFAULT

Individual keyset users can set or change their own individual passcodes. These passcodes are used to lock and unlock keysets, override toll restriction and access the DISA feature. At times, it may be necessary for the System Administrator to reset a station's passcode to default "1234." This program cannot be used to display passcodes, only to reset them.

PROGRAM KEYS

UP & DOWN - Select the extension number.

HOLD - Press to reset the passcode.

Open customer programming and follow the instructions below.

ACTION

1 Press **TRSF 101**
Display shows

2. Dial the station (eg. : 205) OR use the **UP** and **DOWN** keys to scroll through the keyset numbers and press the **RIGHT** soft key to move the cursor to the right

3. Press **HOLD** to reset passcode

4. Press the **RIGHT** soft key to return to step 2 OR press **TRSF** to store and exit programming OR press **SPEAKER** to store and advance to the next program

DISPLAY

[201] PASSCODE PASSCODE : * * * *

[205] PASSCODE PASSCODE : _ * * *

[205] PASSCODE PASSCODE : 1234

3.4 PROGRAM STATION ANSWER MODE

Allows a System Administrator to change the answer mode of any keyset or add-on module. Each keyset or add-on module can have its answer mode set to one of the following options:

0. RING: The keyset will ring in one of eight custom ring patterns. Calls are answered by pressing the ANS/RLS key or by lifting the handset.

1. AUTO: After giving a short attention tone, the keyset will automatically answer calls on the speaker phone. When a CO line is transferred to a keyset in Auto Answer, the screened portion of the call will be Auto Answer, but the keyset or add-on module (AOM) will ring when the transfer is made if the user has not pressed the ANS/RLS key or lifted the handset.

2. VOICE: ANNOUNCE after a short attention tone, callers can make an announcement but the ANS/RLS key or handset must be used to answer calls.

PROGRAM KEYS

UP & DOWN Used to scroll through options

KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next program
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION

1. Press **TRSF 103**
Display shows
2. Dial keyset number (eg., **205**) OR
Press **UP** or **DOWN** to select keyset OR

Press **ANS/RLS** to select all Stations
Press **RIGHT** soft key to move cursor
3. Dial **0**, **1** or **2** to change ring mode OR
press **UP** or **DOWN** to select ring mode
and press **RIGHT** soft key to return to
step 2 above
4. Press **TRSF** to store and exit OR
press **SPEAKER** to store and advance
to next program

DISPLAY

[201] ANS MODE
RING MODE

[205] ANS MODE
RING MODE

[ALL] ANS MODE
?

[205] ANS MODE
VOICE ANNOUNCE

3.5 PROGRAM STATION NAMES

This program is used to add or replace a 11-character name or identification for each extension. You may assign a name 11 characters long.

PROGRAM KEYS

UP & DOWN - Used to scroll and move cursor.

KEYPAD - Used to enter characters.

HOLD - Press to clear entry.

Open customer programming and follow the instructions below.

ACTION

1. Press **TRSF 104**
Display shows
2. Dial the station (eg. : 205) OR use the
UP and **DOWN** keys to scroll through
the keyset numbers and press the **RIGHT**
soft key to move the cursor
3. Enter the station name using the
procedure described on the next page
and press the **RIGHT** soft key to return
to step 2
4. Press **TRSF** to store and exit
programming OR press **SPEAKER** to
store and advance to the next program

DISPLAY

[201] STN NAME

[205] STN NAME
_

[205] STN NAME
SAM SMITH

NOTE: Directory information cannot exceed 11 characters.

Names are written using the keypad. Each press of a key selects a character. Pressing the dial pad key moves the cursor to the next position. For example: if the directory name is "SAM SMITH," press the number "7" three times to get the letter "S." Now press the number "2" once to get the letter "A." Continue selecting characters from the table below to complete your message. Pressing the "A" key changes the letter from upper case to lower case.

NOTE: When the character you want appears on the same dial pad key as the previous character, press the VOL **UP** key to move the cursor to the right.

COUNT	1	2	3	4	5
DIAL 0	()	.	&	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	Q	R	S	7
DIAL 8	T	U	V	*	8
DIAL 9	W	X	Y	Z	9
DIAL *	:	=	[]	*

The # key can be used for the following special characters: #, space, &, !, :, ?, ., %, \$, -, /, =, [,], @, ^, (,), _, +, {, }, |, ;, \, " and ~.

3.6 PROGRAM OUTSIDE LINE NAMES

This program is used to add or replace a 11-character name or identification for each outside line. You may assign a name 11 characters long.

PROGRAM KEYS

UP & DOWN - Used to scroll and move cursor.

KEYPAD - Used to enter characters.

HOLD - Press to clear entry.

Open customer programming and follow the instructions below.

ACTION

1 Press **TRSF 404**
Display shows

2. Dial the station (eg. : **704**) OR use the **UP** and **DOWN** keys to select a trunk and press the **RIGHT** soft key to move the cursor

3. Enter the station name using the procedure described above and press the **RIGHT** soft key to return

DISPLAY

[701] TRUNK NAME

[704] TRUNK NAME
_

[704] TRUNK NAME
SAMSUNG

to step 2

4. Press **TRSF** to store and exit programming OR press **SPEAKER** to store and advance to the next program

3.7 PROGRAM STATION GROUP NAMES

This program is used to assign a 11-character name or identification for each station group (50-53; 501-509). You may assign a name 11 characters long.

PROGRAM KEYS

UP & DOWN - Used to scroll and move cursor.

KEYPAD - Used to enter characters.

HOLD - Press to clear entry.

Open customer programming and follow the instructions below.

ACTION

1. Press **TRSF 602**
Display shows
2. Dial the group number (eg. 505) OR
press the **UP or DOWN** key to make a
selection and press the LEFT or RIGHT
soft key to move the cursor
3. Enter in the name using the method
in 3.5 *Program Station Names*
4. Press the LEFT or RIGHT soft keys to
return to step 2 OR press **TRSF** to store
and exit programming OR press
SPEAKER to store and advance to the
next program

DISPLAY

[501] SGR NAME

[505] SGR NAME
_

[505] SGR NAME
SAMSUNG

3.8 PROGRAM SYSTEM SPEED DIAL NUMBERS

The system list starts with 200 numbers (**DX408i**) and 300 numbers (**DX816**) and can be increased in blocks of 10. The maximum amount is 300 numbers if no station speed dial numbers are assigned on the **DX408i** and 500 if no station speed dial numbers are assigned on the **DX816** . Speak to your Samsung DX Dealer to increase or decrease the system list.

Speed dial codes are 500 - 699 or 500 - 999. Each speed dial number consists of a line access code and the telephone number to be dialled. The access code can be any line group, individual line, station group or individual extension. The speed dial number can be up to 18 characters long including #, **FLASH** and **PAUSE**.

NOTE: If Least Cost Routing (LCR) is being used, the LCR access code must be entered. When you are entering a speed dial number, there are some special keys that you will need to use. These are the last 6 programmable keys of the right hand row are known as **A, B, C, D, E** and **F** and are defined below.

PROGRAM KEYS

UP & DOWN - Select the speed dial bin.

KEYPAD - Used to enter number.

HOLD - Press to clear entry.

ANS/RLS - Save data and advance to next program.

A - Does not have a function.

B - Inserts a FLASH.

C - Inserts a PAUSE.

D - Changes the dialling type from pulse to tone.

E - Hides and displays digits.

F - Toggles program between Station speed dial numbers and names

Open customer programming and follow the instructions below.

ACTION

1. Press **TRSF 705**
Display shows
2. Dial the speed dial bin desired (eg. 505)
OR press **UP** or **DOWN** to make a selection and press the RIGHT soft key to move the cursor
3. Enter the access code (eg. 0 - the system automatically inserts a dash) followed by the phone number (up to 18 digits long) and press the RIGHT soft to return to step 2
4. Press the **F** key to toggle to program System Speed Dial Names, step 3, to enter the name
5. Press **TRSF** to store and exit programming OR press **SPEAKER** to store and advance to the next program

DISPLAY

SYS SPEED DIAL 500 :

SYS SPEED DIAL 505 :_

SYS SPEED DIAL 505 :0-121223456789

SYS SPEED NAME 500 :_

3.9 PROGRAM SYSTEM SPEED DIAL NAMES

This procedure allows a 11-character name to be assigned for each system speed dial location. The name enables you to locate the speed dial number when you are using the directory dial feature. You may assign a name a 11 characters long.

PROGRAM KEYS

UP & DOWN - Used to scroll through options.

KEYPAD - Used to enter selections.

SOFT KEYS - Move cursor left and right.

SPEAKER - Used to store data and advance to next program.

HOLD - Used to clear previous entry.

ACTION

DISPLAY

1. Press **TRSF** 706
Display shows

SYS SPEED NAME <u>5</u> 00 :

2. Dial the system speed number (eg. 505)
OR press the UP and DOWN keys to select the entry number and press the RIGHT soft key to move the cursor

SYS SPEED NAME <u>5</u> 05 :_

3. Enter the name as shown in *3.4 Program Station Names* and press the RIGHT soft key to return to step 2 OR press the F key to toggle to the speed dial number to return to System Speed Dial Numbers, step 4

SYS SPEED DIAL <u>5</u> 05 : 0- 121223456789

4. Press the RIGHT soft key to return to step 2 above OR press **TRSF** to store and exit programming OR press **SPEAKER** to store and advance to the next program

3.10 PROGRAM PERSONAL SPEED DIAL NUMBERS FOR OTHER STATIONS

Individual station users can program their own numbers, but in cases where this is not practical, or for standard telephone users, this program allows a System Administrator to view or change any station's speed dial numbers. The station speed dial codes are 00 - 19. Each station begins with 10 numbers (00 - 09) and can be assigned more in blocks of 10 (up to a maximum of 50 numbers).

Each speed dial number consists of a line access code and the telephone number to be dialled. The access code can be any line group, individual line, station group or individual extension. The speed dial number can be up to 18 characters long including #, **FLASH** and **PAUSE**.

NOTE: If Least Cost Routing (LCR) is being used, the LCR access code must be entered.

When you are entering a speed dial number, there are some special keys that you will need to use. These are the last 6 programmable keys of the right hand row are known as **A**, **B**, **C**, **D**, **E** and **F** and are defined below.

PROGRAM KEYS

- UP & DOWN** - Selects a station.
- KEYPAD** - Used to enter number.
- HOLD** - Press to clear entry.
- A** - Does not have a function.
- B** - Inserts a FLASH.
- C** - Inserts a PAUSE.
- D** - Changes the dialling type from pulse to tone.
- E** - Hides and displays digits.
- F** - Toggles program between Station speed dial numbers and names

Open customer programming and follow the instructions below.

ACTION	DISPLAY
1. Press TRSF 105 Display shows	[205] SPEED DIAL 00 :
2. Dial the station number (eg. 205) OR press UP or DOWN keys to select the station and press the RIGHT soft key to move the cursor OR press the LEFT soft key to go to step 4	[205] SPEED DIAL 0 <u>0</u> :
3. If the selected station has no speed dial bins, this display will be shown and a new station may be selected	[205] SPEED DIAL SPDBLK NOT EXIST
4. Dial the location number (eg, 05) OR press UP or DOWN to select a location and press the RIGHT soft key to move the cursor OR press the LEFT soft key to return to step 2	[205] SPEED DIAL 05 : 0-4264100 <u> </u>
5. Enter the line access code (eg. 0) followed by the number to be stored (eg. 4264100) OR press the RIGHT soft key to return to step 2 OR press the Left soft key to return to step 3 OR press HOLD to clear an entry (if you make an error, use the DOWN key to step back)	
6. Press the F key to access program System Speed Dial Names OR press TRSF to store and exit programming OR press SPEAKER to save and advance to the next program	

3.11 PROGRAM PERSONAL SPEED DIAL NAMES FOR OTHER STATIONS

Each individual station user can program his/her own names, but in cases where this is not practical, this program allows the System Administrator to view or change any station's speed dial names. The station speed dial codes are 00 - 19. Each station begins with 20 numbers (00 - 19) and can be assigned more in blocks of 10 up to a maximum of 50 numbers.

PROGRAM KEYS

UP & DOWN - Used to scroll through options.

KEYPAD - Used to enter selections.

SOFT KEYS - Move cursor left and right.

SPEAKER - Used to store data and advance to next program.

HOLD - Used to clear previous entry.

ANS/RLS - Used to select ALL.

ACTION

1. Press **TRSF 106**
Display shows

DISPLAY

[201] SPEED NAME 00 :

2. Dial the station number(eg. **205**) OR press **UP** or **DOWN** keys to select the station and press the RIGHT soft key to the cursor

[205] SPEED NAME 00 :

3. If the selected station has no speed dial bins, this display will be shown and a new station may be selected

[205] SPEED NAME SPDBLK NOT EXIST

4. Dial the speed dial bin location(eg. **05**) OR use the **UP** or **DOWN** keys to scroll through the bin locations and use the RIGHT soft key to move the cursor OR press the LEFT soft key to return to step 2

[205] SPEED NAME 05 : _

5. Enter the name using the procedure in *3.5 Program Station Names* and press the RIGHT soft key to return to step 2 OR press the LEFT soft key to return to step 3

[205] SPEED NAME 05 : SAM SMITH

6. Press the **F** key to access program Personal Speed Dial Numbers for Other Stations OR press **TRSF** to store and exit programming OR press **SPEAKER** to store and advance to the next program

3.12 CREATE PROGRAMMED STATION MESSAGES

Messages 1 - 10 are fixed and cannot be changed. However, you can create 10 additional 16 character messages (11 - 20) that fit your company's needs. After programming these messages, inform other employees so they can add the new messages to the list on the back of their user guides.

PROGRAM KEYS

UP & DOWN - Select the message number.

KEYPAD - Used to enter characters.

HOLD - Press to clear entry.

Open customer programming and follow the instructions below.

ACTION

1. Press **TRSF 715**
Display shows
2. Dial the message number (eg, 11)
OR press the **UP or DOWN** key to make the selection and press the RIGHT soft
3. Enter the message using the procedure in *3.5 Program Station Names* and press the RIGHT soft key to return to step 2 above
4. Press **TRSF** to store and exit programming OR press **SPEAKER** to store and advance to the next program

DISPLAY

VAC. MESSAGE (0 <u>1</u>) IN A MEETING
--

VAC. MESSAGE (11) _

VAC. MESSAGE (11) IN THE SHOWROOM_

3.13 SET ALARM/APPOINTMENT REMINDER WITH MESSAGE

Keyset users can set their own alarms but standard telephone users cannot. The System Administrator can set alarm/appointment reminders for other stations in the system. Three alarms may be set for each station and each alarm may be defined as a one time alarm or TODAY alarm or as a DAILY alarm which rings everyday at the same time

PROGRAM KEYS

UP & DOWN - Select a station.

HOLD - Press to clear data.

KEYPAD - Used to enter data.

ANS/RLS - Used to select ALL stations

Entry	Alarm Type
DIAL 1	NOTSET
DIAL 2	TODAY
DIAL 3	DAILY

Open customer programming and follow the instructions below.

ACTION

1. Press **TRSF 116**
Display shows
2. Dial the station number (eg. **205**) OR press **UP or DOWN** to select the station and press the **RIGHT** soft key to move the cursor OR press **ANS/RLS** to select all stations
3. Dial 1-3 to select the alarm (eg. **2**) OR press **UP or DOWN** to select the alarm and press the **RIGHT** soft key to move the cursor OR press the **LEFT** soft key to return to step 2
4. Enter the alarm time in 24 hour clock format (eg. **1300**) and the display will automatically advance to step 5
5. Enter the alarm type from the list above OR press **UP or DOWN** to select the alarm type and press the **RIGHT** soft key to move the cursor
6. Enter the reminder message using the procedure in 3.5 Program Station Names and press the **RIGHT** soft key to return to step 2
7. Press **TRSF** to store and exit programming OR press **SPEAKER** to store and advance to the next program

DISPLAY

[201] ALM REM (1)
HHMM : -> NOTSET

[205] ALM REM (1)
HHMM : -> NOTSET

[ALL] ALM REM (1)
HHMM : -> NOTSET

[205] ALM REM (2)
HHMM :_ -> NOTSET

[205] ALM REM (2)
HHMM :1300-> NOTSET

[205] ALM REM (2)
HHMM :1300-> DAILY

[205] ALM REM (2)
TAKE MEDICATION

3.14 MANAGING KEY ASSIGNMENTS

You can view station key assignments and add extenders to some of the programmable keys for easy one-touch operation of frequently-used features.

An extender is a number that makes an otherwise general soft key very specific. Adding the digit **4** to a **PAGE** key defines this key for paging zone four. Adding 225 to a directed pick-up key defines this key as pick-up for extension 225 only. The soft key must already be assigned by the installing technician. Adding extenders allows one- touch operation for that feature.

Use this program to assign extenders to the following soft keys:

<u>KEY</u>	<u>EXTENDER</u>
BOSS	Boss and Secretary (1 - 4)
DIR	PERS(1), SYS(2) or STN(3)
DP	Direct Pick-up (station or group no.)
DS	Direct Station Select (station or group no.)
FWD	Call Forward (0 - 5)
GPIK	Group Pick-Up (01 - 20)
IG	In/Out of Group (501- 519/529)
MMPG	Meet Me Page (0 - 9, *)
PAGE	Page (0 - 9, *)
PMSG	Programmed Message (01 - 20)
SP	UCD Supervise (UCD group no.)
SPD	Speed Dial (00 - 09, 500 - 999)

PROGRAM KEYS

UP & DOWN - Select the extension number.

KEYPAD - Used to enter extender codes.

HOLD - Used to clear the displayed data.

Open customer programming and follow the instructions below.

ACTION

1. Press **TRSF 107**
Display shows
2. Dial the station number (eg. **205**) OR press **UP** or **DOWN** to select the station and press the RIGHT soft key to move
3. Enter the key number (e.g. 18) OR use **UP** or **DOWN** to scroll through the keys and use the RIGHT soft key to move the cursor OR press the key to be programmed
4. Dial the extender according to the list above OR use **UP** or **DOWN** to scroll through the keys and press the LEFT soft key to return to step 3 OR the RIGHT soft key to return to step 2

DISPLAY

[201] KEY EXTEND
01 : CALL1

[205] KEY EXTEND
01 : CALL1

[205] KEY EXTEND
18 : DS -> DS_

[205] KEY EXTEND
18 : DS -> DS207

5. Press **TRSF** to store and exit programming OR press **SPEAKER** to store and advance to the next program

3.15 PROGRAMMING ACCOUNT CODES

This program allows the System Administrator to add or change account code entries. Each entry can have a maximum of 12 digits

PROGRAM KEYS

KEYPAD - Used to enter the account code (allowable digits 0 - 9).

UP & DOWN - Used to select entry number.

RECALL & TRSF - Used to view and change only the used entries.

HOLD - Used to clear data.

Open customer programming and follow the instructions below.

ACTION

DISPLAY

1. Press **TRSF 708**
Display shows

ACCOUNT CODE (001)

2. Dial the account code entry (eg. **005**)
OR press **UP** or **DOWN** to select the entry number and press the RIGHT soft key to move the cursor

ACCOUNT CODE (005) _

3. Enter the account code via the dial pad (eg. 1234) and press the RIGHT soft key to move the cursor back to step 2

ACCOUNT CODE (005) 1234

4. Press **TRSF** to store and exit programming OR press **SPEAKER** to store and advance to the next program

3.16 SETTING CALL FORWARD DESTINATIONS FOR STATIONS

Allows the System Administrator to program the call forward destinations for other station users. The program also allows call forward to be set after the destination has been entered.

The DX system allows five types of call forwarding. FORWARD ALL, FORWARD NO ANSWER, FORWARD BUSY, FORWARD FOLLOW ME and FORWARD EXTERNAL. There is an additional option, FORWARD BUSY/NO ANSWER, that allows both of these options to be activated at the same time, provided that destinations have been entered for both.

0 = FORWARD CANCEL

3 = NO ANSWER

1 = ALL CALL

4 = BUSY/NO ANSWER

2 = BUSY

5 = EXTERNAL

PROGRAM KEYS

UP & DOWN

Used to scroll through options

KEYPAD

Used to enter selections

SOFT KEYS

Move cursor left and right

SPEAKER HOLD Used to store data and advance to next program
Used to clear previous entry

ACTION

DISPLAY

- | | |
|---|---|
| <p>1. Press TRSF 102
Display shows</p> | <p>[201] FORWARD
0 : FORWARD CANCEL</p> |
| <p>2. Dial station number (eg., 205)
OR
Press UP or DOWN to select station
Press RIGHT soft key to move cursor</p> | <p>[205] FORWARD
0 : FORWARD CANCEL</p> |
| <p>3. Dial 0-5 to select forward type OR
Press UP or DOWN to select forward type
Press RIGHT soft key to move cursor</p> | <p>[205] FORWARD
1 : ALL CALL : <u>NONE</u></p> |
| <p>4. Dial destination number (eg., 201) OR
Press UP or DOWN to select destination
Press RIGHT soft key to move cursor</p> | <p>[205] FORWARD
1 : ALL CALL : 201</p> |
| <p>5. Dial 1 for YES, 0 for NO OR
Press UP or DOWN to select YES or NO and Press RIGHT soft key to return to step 2</p> | <p>[205] FORWARD
CURRENTLY SET : <u>YES</u></p> |
| <p>6. Press TRSF to store and exit
OR Press SPEAKER to store and advance to next program</p> | |

3.17 SETTING INDIVIDUAL FORWARD NO ANSWER TIMERS

Each station can have an individual call Forward No Answer timer to accommodate station users with different individual work habits. When adjusting this timer, take care that the value is not greater than the transfer recall timer. The range is 000 - 250 seconds.

PROGRAM KEYS

- KEYPAD** - Used to set timer values.
- UP & DOWN** - Used to select extension number.
- ANS/RLS** - Save data and advance to next PROGRAM.

Open customer programming and follow the instructions below.

ACTION

DISPLAY

- | | |
|---|--------------------------------------|
| <p>1. Press TRSF 502
Display shows</p> | <p>[201] NO ANS FWD
010 SEC</p> |
| <p>2. Dial the station number (eg. 205) OR
press UP or DOWN to select the station
and press the RIGHT soft key to move the cursor OR press ANS/RLS to select all stations</p> | <p>[205] NO ANS FWD
010 SEC_</p> |
| | <p>[ALL] NO ANS FWD
010 SEC_</p> |

3. Enter the new value via the dial pad (eg. 020) and the system will automatically return to step 2

[205] NO ANS FWD
010 SEC 020

4. Press **TRSF** to store and exit programming OR press **SPEAKER** to store and advance to the next program

3.18 ADDING NAMES TO THE CLIP TRANSLATION TABLE (DX408i / DX816)

This program allows the System Administrator to associate a CLIP number received from the Telephone Exchange with a name programmed in this translation table. If there is no match between a received number and a name in this table, [no CLIP name] will be displayed. The translation table consists of 250 entries, each comprising a 10-digit telephone number and a 16-digit name.

CLIP names are programmed in accordance with the procedure in 3.5 Program Station Names.

PROGRAM KEYS

UP & DOWN - Used to scroll through options.

KEYPAD - Used to enter selections.

SOFT KEYS - Move cursor left and right.

SPEAKER - Used to store data and advance to next program.

HOLD - Used to clear previous entry.

Open customer programming and follow the instructions below.

ACTION

1. Press **TRSF 728**
Display shows

DISPLAY

CLIP XLAT (001)
DGT :

2. Dial the account code entry (eg. 005)
OR press **UP** or **DOWN** to select the entry number and press the RIGHT soft key to move the cursor

CLIP XLAT (005)
DGT : _

3. Enter the telephone number and press the RIGHT soft key to advance to name entry OR enter the telephone number and press the LEFT soft key to return to step 2

CLIP XLAT (005)
DGT : 0399887755_

4. Enter the associated name using the procedure in program *Station Names* and press the RIGHT or LEFT soft key to return to step 2

CLIP XLAT (005)
SAMSUNG TEL

5. Press **TRSF** to store and exit programming OR press **SPEAKER** to store and advance to the next program

3.20 PROGRAM TIME AND DATE FORMAT

Allows the System Administrator to select the date and time display mode on a per-station basis or system-wide.

- 0 COUNTRY** Sets overall display format and has two options
 0 = ORIENTAL MM/DD DAY HH:MM
 1 = WESTERN DAY DD MON HH:MM
- 1 CLOCK** Sets format of clock display and has two options
 0 = 12 HOUR Displays 1 PM as 01:00
 1 = 24 HOUR Displays 1 PM as 13:00
- 2 DISPLAY** Sets format of DAY and MON display and has two options
 0 = UPPER CASE Displays Friday as FRI and March as MAR
 1 = LOWER CASE Displays Friday as Fri and March as Mar

PROGRAM KEYS

- UP & DOWN** Used to scroll through options
- KEYPAD** Used to enter selections
- SOFT KEYS** Move cursor left and right
- SPEAKER** Used to store data and advance to next program
- HOLD** Used to clear previous entry
- ANS/RLS** Used to select ALL

ACTION

1. Press **TRSF 109**
Display shows
2. Dial station number (eg., **205**) OR
Press **UP** or **DOWN** to select station
and press RIGHT soft key to move
cursor OR
Press **ANS/RLS** for all keysets
3. Dial **0-2** to select mode OR
Use **UP** and **DOWN** to scroll through
modes and press RIGHT soft key to
move cursor
4. Use **UP** or **DOWN** to scroll through
formats and press RIGHT soft key
to return to step 2 OR press
LEFT soft key to return to step3
5. Press **TRSF** to store and exit OR
press **SPEAKER** to store and advance to
next program

DISPLAY

- [201] DAY FORMAT
COUNTRY : WESTERN
- [205] DAY FORMAT
COUNTRY : WESTERN
- [ALL] DAY FORMAT
COUNTRY : ?
- [205] DAY FORMAT
COUNTRY : ORIENTAL

3.21 SETTING DISPLAY LANGUAGE

Allows the System Administrator to program the language displayed on a keyset users LCD display. The options available are English, German and Portuguese.

- 0: English
- 1: German
- 2: Portuguese

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL
ACTION	

DISPLAY

1. Press **TRSF 121**
Display shows

[<u>2</u> 01] LANGUAGE ENGLISH

2. Dial station number (eg. **205**) OR
Press **UP** or **DOWN** to select station
and press RIGHT soft key to move
cursor OR
Press **ANS/RLS** for all keysets

[<u>2</u> 05] LANGUAGE ENGLISH

[<u>A</u> LL] LANGUAGE ?

3. Dial **0-2** to select language (eg. **1**) OR
Use **UP** and **DOWN** to scroll through
modes and press RIGHT soft key to
move cursor

[<u>2</u> 05] LANGUAGE GERMAN

4. Press **TRSF** to store and exit OR
press **SPEAKER** to store and advance to
next program

3.22 PROGRAM KEYSSET FEATURES

Allows the System Administrator to set any of the keyset features listed below.

0. **AUTO HOLD** Automatically places an existing outside call on hold if a CALL button, line key or line group key is pressed during that call.
1. **AUTO TIMER** Automatically starts the stopwatch timer during a CO call.
2. **HEADSET** When on, this feature disables the hookswitch allowing a headset user to answer all calls by pressing the ANS/RLS button.
3. **HOT KEYPAD** When on, this feature allows the user to dial directory numbers without having to first lift the handset or press the SPEAKER button.
4. **KEY TONE** Allows the user to hear a slight tone when pressing buttons on his/her set.

5. **PAGE REJOIN** Allows the user to hear the latter part of page announcements if his/her becomes free during a page.
6. **RING PREF.** When off, requires the user to press the fast flashing button to answer a ringing call after lifting the handset.
7. **CALL COST.** If enabled (ON), LCD shows real time call cost calculated based on meter pulses sent by the local Telephone Exchange.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next program
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION

DISPLAY

1. Press **TRSF 110**
Display shows

[201] STN ON/OFF AUTO HOLD : OFF

2. Dial keyset number (eg., **205**) OR press **UP** or **DOWN** to select keyset and press RIGHT soft key to move cursor OR

[205] STN ON/OFF AUTO HOLD : OFF

press **ANS/RLS** for ALL Keysets

[ALL] STN ON/OFF AUTO HOLD : OFF

3. Dial option number from the above list **0-8** (eg., **3**) OR Press **UP** or **DOWN** to select option and press RIGHT soft key to move cursor

[205] STN ON/OFF AUTO HOLD : OFF

4. Press **UP** or **DOWN** to select **ON** or **OFF** and press LEFT soft key to return to step 3 OR Dial **1** for **ON** or **0** for **OFF**. The system automatically returns to step 3

[205] STN ON/OFF HOT KEYPAD : <u>ON</u>
--

5. Press **TRSF** to store and exit OR press **SPEAKER** to store and advance to next program

Other Options

Dial option number 0 from above list at step 3

[205] STN ON/OFF AUTO HOLD : <u>OFF</u>
--

Dial option number 1 from above list at step 3

[201] STN ON/OFF AUTO TIMER : <u>ON</u>
--

Dial option number 2 from above list at step 3

[205] STN ON/OFF HEADSET : <u>OFF</u>
--

Dial option number 3 from above list at step 3

[205] STN ON/OFF
HOT KEYPAD : ON

Dial option number 4 from above list at step 3

[205] STN ON/OFF
KEY TONE : ON

Dial option number 5 from above list at step 3

[205] STN ON/OFF
PAGE REJOIN : ON

Dial option number 6 from above list at step 3

[205] STN ON/OFF
RING PREF : ON

Dial option number 7 from above list at step 3

[205] STN ON/OFF
CALL COST : ON

3.23 SETTING KEYSSET RING TONES

Allows the System Administrator to select the type of ring tone heard at each keyset. There are eight ring tones available at each keyset. A short tone burst of the selection will be heard when the dial key pad is pressed.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next program
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL keysets

ACTION

1. Press **TRSF 111**
Display shows
2. Dial keyset number (eg., **205**) OR press **UP** or **DOWN** to select station and press RIGHT soft key to move cursor

OR press **ANS/RLS** to select All keysets

3. Dial **1-8** to select ring tone OR press **UP** or **DOWN** to select ring tone and press RIGHT soft key to move cursor and return to step 1

4. Press **TRSF** to store and exit OR press **SPEAKER** to store and advance to next program

DISPLAY

[201] RING TONE
FREQUENCY 6

[205] RING TONE
FREQUENCY 6

[ALL] RING TONE
FREQUENCY?

[205] RING TONE
FREQUENCY 6

[ALL] RING TONE
FREQUENCY 6

3.24 SETTING KEYSSET OFF HOOK RING VOLUME

Allows the System Administrator to set the off-hook ring volume for any or all keysets. In later software versions this program also allows the System Administrator to set other keyset volume levels such as; Ring, handset, speaker and BGM volume.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next program
ANS/RLS	Used to select ALL

ACTION

1. Press **TRSF** 114
Display shows
2. Dial station number (eg., **205**) OR
press **UP** or **DOWN** to select station and
press RIGHT soft key to move cursor OR

Press **ANS/RLS** for All keysets
3. Press **UP** or **DOWN** to select ring level or
dial volume level **1–8** on dial key pad
Press RIGHT soft key to return to step 2
4. Press **TRSF** to store and exit OR
press **SPEAKER** to store and advance to
next program

DISPLAY

[201] OFFRNG VOL RING VOLUME 4

[205] OFFRNG VOL RING VOLUME <u>4</u>
--

[ALL] OFFRNG VOL RING VOLUME <u>?</u>
--

[205] OFFRNG VOL RING VOLUME 3

3.25 SETTING A MESSAGE ON A KEYSSET

Allows the System Administrator to set a programmed message at any or all keysets. There are 20 messages available. Ten are pre-programmed and ten can be customised as described in 3.11 - *Create programmed Station Messages* above. programmed station messages are numbered 01-20.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next program
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION

1. Press **TRSF 115**
Display shows
2. Dial station number (eg., **205**) OR
press **UP** or **DOWN** to select station and
press RIGHT soft key to move cursor

OR
Press **ANS/RLS** to select All keysets
3. Dial **01-20** to select message number,
(eg., **05**) OR
Press **UP** or **DOWN** to select message
press RIGHT soft key to return to step 2
4. Press **TRSF** to store and exit OR
press **SPEAKER** to store and advance to
next program

DISPLAY

[201] PGMMMSG (00)
CANCEL PGM MSG

[205] PGMMMSG (00)
CANCEL PGM MSG

[ALL] PGMMMSG (??)
CANCEL PGM MSG

[205] PGMMMSG (05)
PAGE ME

3.26 SETTING BACKGROUND MUSIC VOLUME LEVEL

Allows the System Administrator the ability to assign volume levels for background music for individual or all stations. This program will not change the level for the speakerphone.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next program
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION

1. Press **TRSF 114**
Display shows
2. Enter in desired station number (eg., **205**)
OR press **UP** or **DOWN** key to make
selection and press RIGHT soft key OR
press **ANS/RLS** key to select all stations
3. Enter in valid volume level (**1-16**) and
press RIGHT soft key to return to step 2
4. Press **TRSF** to store and exit OR
press **SPEAKER** to store and advance to
next program

DISPLAY

[201] BGM VOLUME
VOLUME 13

[ALL] BGM VOLUME
VOLUME ??

[ALL] BGM VOLUME
VOLUME 06

3.27 SETTING KEYSER RINGER VOLUME

Allows the System Administrator the ability to assign a system-wide level for each station ringer volume.. There are eight levels of volume; level 1 is the lowest and level 8 is the highest.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next program
ANS/RLS	Used to select ALL stations

ACTION

1. Press **TRSF 114**
Display shows
2. Dial station number (eg., **205**) OR
Use UP and DOWN to select station
and use the RIGHT soft key to move the

cursor OR press **ANS/RLS** to select all
stations
3. Enter value 1-8 (eg., **5**) OR press **UP** or
DOWN key to make selection and press
the RIGHT soft key to return to step 2
Note: you will hear a short burst of ring at
the selected value

DISPLAY

[201] RING VOL.
RING VOLUME 1

[205] RING VOL.
RING VOLUME 1

[ALL] RING VOL.
RING VOLUME ?

[205] RING VOL.
RING VOLUME 5

3.28 PROGRAMMING CLIP PRESENTATION (DX408i / DX816)

This program allows the System Administrator to set what CLIP information will be displayed on an LCD keyset. If CLIP name is chosen the details must be programmed in the CLIP translation table as per 3.18 above. The CLIP display options are as follows:

0	NO DISPLAY	No CLIP data will be displayed.
1	NUMBER ONLY	The CLIP number received from the central office will be displayed first.
2	NAME ONLY	The CLIP name will be displayed first

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SPEAKER	Save data and advance to next program
ANS/RLS	Used to select ALL stations

ACTION

1. Press **TRSF 119**
Display shows
2. Display shows first station current display mode enter Station number OR
Press **UP** or **DOWN** to scroll through and press the RIGHT soft key to select a station OR
press ANS/RLS to select ALL stations
3. Dial display option **0,1** or **2** OR press **UP** or **DOWN** to select option and press the RIGHT or LEFT soft key to return to step 2
4. Press **TRSF** to store and exit OR
press **SPEAKER** to store and advance to next program

DISPLAY

[201] CLIP DISPLAY NUMBER FIRST

[201] CLIP DISPLAY NUMBER FIRST

[ALL] CLIP DISPLAY ?

[201] CLIP DISPLAY NUMBER FIRST

3.29 PROGRAMMING FEATURE PASSCODES

Allows the System Administrator to change the passcodes for several features. These features are the following: DAY/NIGHT, DISA ALARM, ALARM CLR and AA RECORD.

NOTE: The passcode is four digits long. Each digit can be 0-9. The current (old) passcode is not required for this program.

PROGRAM KEYS

KEYPAD	Used to enter passcodes
SPEAKER	Save data and advance to next program

ACTION

1. Press **TRSF 202**
Display shows
2. Press **UP** or **DOWN** key to make selection
Press **RIGHT** soft key to move cursor to passcode entry
3. Enter new passcode via digits from dial key pad
OR
Press **RIGHT** soft key to return to step 2
Continue to change other passcodes
4. Press **TRSF** to store and exit OR
press **SPEAKER** to store and advance to next program

DISPLAY

```
CHANGE PASSCODE  
DAY/NIGHT : 0000
```

```
CHANGE PASSCODE  
ALARM CLR : 8765
```

```
CHANGE PASSCODE  
ALARM CLR : 9999
```

3.30 ASSIGNING DOOR PHONE RING

Allows the System Administrator to allocate ring when a door phone button is pressed and which ring mode the station or station groups will follow.

The default station and station group numbers are listed below

Station 21-28 (DX408) 201-212 (DX816)
Station group 50-53 (DX408) 500-509 (DX816)

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next program
HOLD	Clears previous entry
ANS/RLS	Used to select ALL keysets

ACTION

1. Press **TRSF 211**
Display shows first door phone
2. Dial door phone number (eg., **230**) OR
press **UP** or **DOWN** to scroll through door phone numbers and use the **RIGHT** soft key to move cursor OR
press **ANS/RLS** to select all door ring
3. Enter new DAY/NIGHT selection via dial key pad OR press **UP** or **DOWN** key to make selection and press **RIGHT** soft key
4. Press **RIGHT** soft key to return to step 2

DISPLAY

```
[201] DOOR RING  
D : 500          N:500
```

```
[230] DOOR RING  
D : 500          N:500
```

```
[ALL] DOOR RING  
D : 500          N:500
```

```
[250] DOOR RING
```

above OR Press LEFT soft key
to return to step 3 above.

D : 500	N:500
---------	-------

5. Press **TRSF** to store and exit OR
press **SPEAKER** to store and advance
to next program

3.31 ASSIGNING ALARM RING

Allows the System Administrator to determine what stations or station groups ring when an alarm sensor is activated. The ring can be allocated as follows:

Station	21-28 (DX408)	201-212 (DX816)
Station group	50-53 (DX408)	500-509 (DX816)

The above stations or station groups will ring like a door phone and follow the door ring time-out. When ringing, display keysets will show the display message programmed in 3.12 *SET ALARM/APPOINTMENT REMINDER MESSAGE* above. The bottom line of the keyset display will give an option to clear the alarm. Ringing initiated by an alarm sensor is answered by going off-hook and on-hook again at a ringing keyset. If a device such as Ring Over Page or a common bell is the only device assigned to ring, it may be answered by assigning a direct pickup key with this device as the extender. If the alarm is unanswered by the door ring time-out, ringing will cease but the display will remain until cleared by dialling the alarm clear feature code (57) and passcode (default 8765).

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next program
HOLD	Used to clear previous entry

ACTION

1. Press **TRSF 212**
Display shows first sensor
2. Dial sensor number (eg., **3502**) OR
Use **UP** or **DOWN** to scroll through
sensor numbers and press RIGHT soft
key to advance cursor
3. Enter valid ring destination (eg., **205**) OR
press **UP** or **DOWN** key to make
selection and press RIGHT soft key to
advance cursor to night destination and
press RIGHT softkey
4. Press **TRSF** to store and exit OR
press **SPEAKER** to store and advance
to next program

DISPLAY

[3501] ALARM RING D : 500N : 500

[3502] ALARM RING D : 500N : 500

[3502] ALARM RING D : 205N : 500

Note: This program is not available on the DX System

3.33 ASSIGNING DISA ALARM RING (DX408i & DX816)

Allows the System Administrator to assign the DISA alarm to ring at a specific phone(s). It is recommended that the person who can clear the alarm receive the notification.. Both a day and a night station can be selected. A valid destination can be either a station group (500-529) or an individual station (201-349).

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next PROGRAM
HOLD	Used to clear previous entry

ACTION

1. Press **TRSF** 214
Display shows
2. Enter in valid day destination number(eg., **217**) OR Press **UP** or **DOWN** key to make selection and press RIGHT soft key to advance cursor
3. Enter in valid night destination number (eg., **249**) OR press **UP** or **DOWN** key to make selection and press RIGHT soft key to return to step 2
4. Press **TRSF** to store and exit OR press **SPEAKER** to store and advance to next PROGRAM

DISPLAY

```
DISA ALARM RING
D : 500  N : 500
```

```
DISA ALARM RING
D : 217  N : 500
```

```
DISA ALARM RING
D : 217  N : 249
```

3.34 ALLOCATING STATIONS TO CALL PICKUP GROUPS

Allows the System Administrator to assign of stations into call pickup groups. There is a maximum of 4 (DX408i) or 8 (DX816) pickup groups. An unlimited number of members can belong to each group. Stations can only be in one pickup group.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next program
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION

1. Press **TRSF** 302
Display shows

DISPLAY

```
[201] PICKUP GRP
PICKUP GRP : 01
```

2. Dial station number (eg., 205) OR
Use **UP** or **DOWN** to select station
number and press RIGHT soft key OR

[205] PICKUP GRP PICKUP GRP : <u>0</u> 1

Press ANS/RLS key to select all

[ALL] PICKUP GRP PICKUP GRP : <u>??</u>
--

3. Dial pick up group number OR
press **UP** or **DOWN** to select group
number

[205] PICKUP GRP PICKUP GRP : 0 <u>5</u>

4. Press RIGHT soft key to return to step 2
above OR Press LEFT soft key to return
to step 3 above

5. Press **TRSF** to store and exit OR
press **SPEAKER** to store and advance to
next program

3.35 ASSIGNING BOSS SECRETARY PAIRS

Allows the System Administrator to assign BOSS keysets to SECRETARY keysets. One BOSS station can have up to four SECRETARY stations and one SECRETARY station can have up to four BOSS stations. A dedicated BOSS button must be programmed on the SECRETARY keyset(s). A dedicated BOSS button must be programmed on the BOSS keyset.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next program
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL
F BUTTON	Used to toggle BOSS/SECRETARY field

ACTION

1. Press **TRSF** 303
Display shows

BOSS STN : <u>N</u> ONE SECR 1 : NONE
--

2. Dial station number (eg., **205**) OR
press **UP** or **DOWN** to selected station
and press RIGHT soft key, to advance
cursor to step 3

BOSS STN : 205 SECR <u>1</u> : NONE
--

BOSS STN : [205] SECR 1 : <u>N</u> ONE

3. Dial station numberfor secretary (eg.,
201) OR press **UP** or **DOWN** to
selected station and press RIGHT soft
key to return to step 3

BOSS STN : [205] SECR 1 : [<u>2</u> 01]

4. Press **LEFT** soft key to return to step 2 and continue entries OR Press **TRSF** to store and exit OR press **SPEAKER** to store and advance to next program

BOSS STN : [205] SECR <u>2</u> : [202]

3.36 ASSIGNING STATIONS TO USE ACCOUNT OR AUTHORISATION CODES

Allows the System Administrator to assign stations to use either account or authorisation codes to make an outside call.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next program
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL stations

FEATURE KEYS

0	NONE
1	AUTHORISE
2	ACCOUNT

ACTION

1. Press **TRSF** 305
Display shows
2. Dial station number (eg., 205) OR press **UP** or **DOWN** key to select station and press **RIGHT** soft key to move cursor and advance to step 3
3. Dial a feature option 0-2, (eg., **2**) OR Press **UP** or **DOWN** key to select option and press **RIGHT** soft key to return step 2
4. Press **TRSF** to store and exit OR press **SPEAKER** to store and advance to next program.

DISPLAY

[201] FORCD CODE <u>NONE</u>

[205] FORCD CODE <u>NONE</u>

[205] FORCD CODE <u>ACCOUNT CODE</u>

3.37 SET FORWARD NO ANSWER TIME

Allows the System Administrator to adjust the Forward No Answer timer on a per-station basis or for the entire system.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next program
ANS/RLS	Used to select ALL

ACTION

1. Press **TRSF** 502
Display shows
2. Dial station number (eg., 205) OR

press **UP** or **DOWN** key to select station
and press **RIGHT** soft key OR
press **ANS/RLS** to select all stations and
press **RIGHT** soft key
3. Enter the new value (must be three digits)
via dial key pad (eg., 020) and system will
automatically return to step 2
4. Press **TRSF** to store and exit OR
Press **SPEAKER** to store and advance
to next program

DISPLAY

[201] NO ANS FWD 010 SEC →

[205] <u>N</u> O ANS FWD 010 SEC →

[ALL] <u>N</u> O ANS FWD 010 SEC →

[205] NO ANS FWD 010 SEC → 020

3.38 PROGRAM AUTOMATIC NIGHT MODE OPERATION

Allows the System Administrator to set the time the system will enter into night mode automatically by utilising time and day tables. A NIGHT key is not needed as the system will switch automatically. However, it is helpful to have a dedicated button so the status can be manually changed. The start time is the time the system will switch from day to night service the end time is the next day (eg., start 1730 WED, end 0800 THUR) This prevents entering of start and stop times on the same day.

FEATURE KEYS

0	SUN	4	THU
1	MON	5	FRI
2	TUE	6	SAT
3	WED		

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections

SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next program
HOLD	Used to clear previous entry

ACTION

1. Press **TRSF** 507
Display shows
2. Dial day number (0-6 eg., 3) OR
press **UP** or **DOWN** key to select day
and press **RIGHT** soft key to advance
cursor to step 3
3. Dial in start time for night (eg. **1730**)
If time entered is valid, cursor moves
to end time enter end time If time
entered is valid, the system returns to
step 2
4. Press **TRSF** to store and exit OR
press **SPEAKER** to store and
advance to next program

DISPLAY

NIGHT TIME (SUN)
ST : _ END :

NIGHT TIME (WED)
ST : _ END :

NIGHT TIME (WED)
ST : <u>1</u> 730 END : 0800

3.39 SET HOLIDAY DATES *

Allows the System Administrator to program up to 60 holiday into the system memory so that on the days programmed, the system will remain in night mode. The holiday date must be entered in MMDD format

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next program
HOLD	Used to clear previous entry

ACTION

1. Press **TRSF** 512
Display shows
2. Dial day number (01 - 60 eg. 05) OR
press **UP** or **DOWN** key to select number
and press **RIGHT** soft key to advance
cursor to step 3
3. Dial in date using 2 digits for month
followed by 2 digits for the day (eg. 1225)
entered is valid, the system returns to
step 2
4. Press **TRSF** to store and exit OR
press **SPEAKER** to store and
advance to next program

DISPLAY

ASSIGN HOLIDAY
<u>0</u> 1:

ASSIGN HOLIDAY
05: _

ASSIGN HOLIDAY
<u>0</u> 5: 1225

3.40 ASSIGNING STATIONS TO STATION GROUPS

Allows the System Administrator to assign stations to station groups. A station, common bell, and external amplifier can be in more than one group, but all groups must have the same ring type. There is a maximum of 8 members per group on the DX408 systems and 16 members for the DX816 system.

NOTES:

1. A device for announcement if used, must provide a hookflash and return the call back to the group.

GROUP TYPES

0	NORMAL GROUP	This is the standard station group
1	VMAA GROUP	Can only have distribute or sequential ringing.
2	UCD GROUP	Has a wrap up capability.
3	AA GROUP	Can only have distribute or sequential ringing.

FEATURE KEY

0	TYPE	Group type (Normal, VM/AA, UCD)
1	RING	Ring mode
2	OVERFLOW	Overflow time
3	GRP TRSF	Group transfer time
4	WRAP-UP *	Wrap-up time (timer only valid in type = UCD)
5	NEXT PORT	Overflow port
6	MEMBER	Group member (eg., station 202)

* The Wrap timer is not available on the DX 70 in the program.

RING MODES

0	SEQUENTIAL	The first idle station listed in the group will ring. If the first is busy, the next idle station will ring.
1	DISTRIBUTE	The first call will ring the first station listed in the group. The next call will ring the next station listed in the group.
2	UNCONDITION	All the stations listed in the group will ring, busy stations will receive off-hook ring. MAXIMUM 32 STATIONS RINGING.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next program
HOLD	Used to clear previous entry

ACTION

1. Press **TRSF 601**
Display shows

DISPLAY

[501] STN.GROUP TYPE:NORMAL GRP

2. Dial group number (eg., **505**) and press RIGHT soft key to move cursor OR press **UP** or **DOWN** key to select group and press LEFT soft key to move cursor

```
[505] STN.GROUP
TYPE:NORMAL GRP
```

3. DIAL group type (0–3, eg., **1**) OR press **UP** or **DOWN** key to make a selection and press LEFT soft key to move cursor

```
[505] STN GROUP
TYPE:VMAA
```

4. Dial Feature option number (0–6, eg., **1**) OR press **UP** or **DOWN** key to make selection and press RIGHT soft key to move cursor to ring value

```
[505] STN GROUP
RING:SEQUENTIAL
```

5. Dial ring option (0–2, eg., **1**) OR Press **UP** or **DOWN** key to make selection and press LEFT soft key to move cursor back to step 4 or press RIGHT soft key to return to step 2

```
505] STN GROUP
[RING:DISTRIBUTE
```

6. Dial next feature option and continue OR press **UP** or **DOWN** key to select option OR Press LEFT soft key to return to step 2

```
[505] STN GROUP
RING:DISTRIBUTE
```

7. Press **TRSF** to store and exit OR press **SPEAKER** to store and advance to next program

3.41 PROGRAMMING STATIONS TO PAGING ZONES

Allows the System Administrator to assign a keyset to any of the four internal paging zones and all call page (page plus *). A keyset may be assigned to more than one zone.

The assignment is controlled by the use of class marks. If a keyset is flagged as “1” in a zone column, it will receive pages for that zone. If the keyset is flagged as “0,” it will not receive pages for that zone. Keysets can receive pages for more than one zone or can be programmed not to receive an all call page.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next program
HOLD	Used to clear entry

ACTION

DISPLAY

1. Press **TRSF 604**

Display shows

ENTRY:STN :1234*
01:NONE: 00001

2. Enter index number (01–80, eg.,**05**) via dial key pad OR press **UP** or **DOWN** key to make selection and press RIGHT soft key to move cursor

ENTRY:STN :1234*
05:NONE: 00001

3. Enter station number (eg., 205) via dial key pad OR press **UP** or **DOWN** key to make selection and press RIGHT soft key to move cursor

ENTRY:STN :1234*
05:205 : 00001

4. Move cursor under page zone desired by pressing **UP** or **DOWN** key and enter the digit **1** under zone and press RIGHT soft key to return to step 2 to continue with entries

ENTRY:STN :1234*
05:205 : 01001

5. Press **TRSF** to store and exit OR press **SPEAKER** to store and advance to next program

3.42 PROGRAMMING FEATURE KEYS

Allows the System Administrator to customise the programmable keys on specific keysets on the DX system. Buttons 1 and 2 are set as CALL buttons by default. Features are entered via the dial pad key by pressing the dial pad number the required steps to select the feature. For example, for OHVA the number 6 is pressed three times. If a BOSS key is required, press 2 for the first letter B, and then use the UP or DOWN key to change selection from BARGE to BOSS.

DIAL KEYPAD DX408 Systems

COUNT→	1	2	3	4
DIAL 2	AB	BARGE	CALL	.
DIAL 3	DICT	DICT	FAUTO	.
DIAL 4	GPIK	HDSET	IG	.
DIAL 5	LCR	LCR	LCR	.
DIAL 6	MMPA	NEW	OHVA	.
DIAL 7	PAGE	PAGE	REJECT	SETMG
DIAL 8	TG	UA	VT	.

DIAL KEYPAD DX816 Systems

COUNT →	1	2	3
	AAPLAY	BARGE	CALL
DIAL 3	DICT	DICT	FAUTO
DIAL 4	GPIK	HLDPK	IOG
DIAL 5	LCR	LCR	LCR
DIAL 6	MMPA	NEW	OHVA
DIAL 7	PAGE	REJECT	SG
DIAL 8	TG	UA	VDIAL

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next program
HOLD	Used to clear previous entry

ACTION

1. Press **TRSF 722**
Display shows
2. Enter selected station number (eg., **205**)
OR press **UP** or **DOWN** key to select station number and press RIGHT soft key to move cursor
3. Enter selected key number (eg., 18) OR press **UP** or **DOWN** key to select key number and press the RIGHT soft key to move the cursor
4. Using above chart press the dial pad key number to make selection OR press the **UP** or **DOWN** key to make selection and press RIGHT soft key to move the cursor to step 5 to enter extender if required or to return to step 2
5. If required, enter extender (eg., **03**) OR Press **UP** or **DOWN** key to make selection Press RIGHT soft key to return to step 2
6. Press **TRSF** to store and exit OR press **SPEAKER** to store and advance to next program

DISPLAY

[201] KEY PROG.
01 : CALL 1 →

[205] KEY PROG.
01 : CALL 1 →

[205] KEY PROG.
18 : NONE → _

[201] KEY PROG.
18 : NONE → GPIK_

[201] KEY PROG.
18 : NONE → GPIK 03

DEFAULT DATA

01:CALL1	02:CALL2	03:NONE	04:NONE	05:NONE	06:TG9
07:NONE	08:NONE	09:NONE	10:NONE	11:NONE	12:NONE
13:NONE	14:NONE	15:NONE	16:NONE	17:NONE	18:NONE
19:CONF	20:MUTE	21:GPICK	22:PAGE	23:CBK	24:MSG

Programmable Feature Keys

KCMMC	Feature Description	
AAPLAY	AUTO ATTND MESSAGE PLAY	DX 816
AAREC	AUTO ATTND MESSAGE RECORD	DX 816
AB	ABSENCE	
ABAND	ABANDON DATA	DX 816 & DX 408i
ACCT	ACCOUNT	
ALARM	ALARM RING ANSWER	
AN/RLS	ANSWER/RELEASE	
BARGE	BARGE-IN	
BLOCK	OHVA BLOCK	
BOSS	BOSS / SECRETARY	
CALL	CALL BUTTON	
CAMP	STATION CAMP ON	
CANMG	MESSAGE CANCEL	
CBK	CALLBACK	
CLIP	CLIP	DX 816 & DX 408i
CONF	CONFERENCE	
CS	UCD CALL WAITING STATUS	
CSNR	CLIP SAVE NUMBER REDIAL	
DICT	DICTATION	
DIR	DIRECTORY	
DLOCK	DOOR LOCK	
DND	DO NOT DISTURB	
DP	DIRECT PICK UP	
DROP	TRANSFER CALL DROP	
DS	DSS KEY	
DT	DTS KEY	
FAUTO	FORCED AUTO ANSWER	
FLASH	FLASH	
FWRD	CALL FORWARD	
GPIK	GROUP PICK UP	
HDSET	HEADSET MODE ON/OFF	
HLDPK	HOLD PICK UP	
IG	IN/OUT OF GROUP	
INQUIRE	CID INQUIRE	DX 816 & DX 408i
ISPY	CID SPY	DX 816 & DX 408i
LCR	LEAST COST ROUTING	
LISTN	GROUP LISTENING	
LNR	LAST NUMBER REDIAL	
MMPA	MEET ME PAGE ANSWER	
MMPG	MEET ME PAGE	
MSG	MESSAGE	
MUTE	MUTE	
NEW	NEW CALL	
NIGHT	NIGHT SERVICE	
NND	CID NAME/NUMBER/DATE	DX 816 & DX 408i
NXT	CID NEXT	DX 816 & DX 408i
OHVA	OFF HOOK VOICE ANNOUNCE	
OPER	OPERATOR	
PAGE	PAGE	
PAGPK	PICKUP PAGE HOLD	
PARK	CALL PARK/RETRIEVE	
PAUSE	PAUSE	

PMSG	PROGRAMMED STATION MSG	
REJECT	OHVA REJECT	
RETRY	AUTO REDIAL ON BUSY	
RE VW	REVIEW (CID)	DX 816 & DX 408i
SETMG	SET MESSAGE W/O RING	
SG	STATION GROUP	
SNR	SAVED NUMBER REDIAL	
SP	SUPERVISOR OF UCD	DX 816
SPD	SPEED DIAL	
STORE	STORE (CID)	DX 816 & DX 408i
TG	TRUNK GROUP	
TIMER	TIMER	
UA	UNIVERSAL ANSWER	
VT	VM TRANSFER	

3.43 PROGRAMMING THE SMDR REPORT FORMAT

Allows the System Administrator to select the information printed on the SMDR report. The following options may be selected to print on SMDR:

	0.	PAGE HEADER	This option determines whether a page header will print at the top of each page. This would normally be turned off if SMDR is being sent to a call accounting machine.
	1.	LINE PER PAGE	This option selects the length of each page to determine when to print the SMDR header. The number of lines may be in the range 01-99.
	2.	INCOMING CALL	This option determines whether incoming calls will print on SMDR.
	3.	OUTGOING CALL	This option determines whether outgoing calls will print on SMDR.
	4.	AUTHORISE CODE	This option determines whether authorisation codes will print on SMDR.
	5.	LESS START TIME	This option determines whether valid calls will include the minimum call time in total call duration.
	6.	IN/OUT GROUP	This option allows a message, IN GROUP or OUT GROUP, to be printed in the Digits Dialed column each time a station enters or leaves a group.
	7.	DND CALL	This option allows a message, IN DND or OUT DND, to be printed in the Digits Dialed column each time a station enters or leaves DND.
	8.	WAKE-UP CALL	This option determines whether stations receiving an alarm reminder call will print on SMDR.
	9.	DIRECTORY NAME	This option allows the system administrator to enter a 16 character name which will appear on the SMDR header.
Not DX 408	10.	CLIP	This option can be selected to print CLIP data received from the CO on incoming ISDN calls. This option requires the use of a 132 column printer or an 80 column printer set for condensed print.
Not DX 408	11.	ABANDON CALL	If this option is set to YES unanswered calls will print on SMDR.
Not DX 408	13.	NO. OF DIAL MASK	Determines if number of masked dial digits print on SMDR
Not DX 408	14	DID NUM/NAME	If this option is set to YES the DID number and name will print on SMDR in the Outgoing call number field.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next program

ACTION

1. Press **TRSF 725**
Display shows
2. Dial the option number (eg. **1**) OR
Use the **UP** and **DOWN** keys to scroll
through the options and press the **RIGHT**
soft key to select an option
3. Enter the number of lines per page in the
range 01-99 (eg., **50**) Use the **UP**
and **DOWN** keys to change the
number of lines and press the **RIGHT** soft
key to save the data and return to step 2
THEN
4. If option 0 is selected at step 2
5. If option 2 is selected at step 2
6. If option 3 is selected at step 2
7. If option 4 is selected at step 2
8. If option 5 is selected at step 2
9. If option 6 is selected at step 2
10. If option 7 is selected at step 2
11. If option 8 is selected at step 2
12. If option 9 is selected at step 2
- 12a. Enter the 16 character name as

DISPLAY

PAGE HEADER PRINT :YES

LINE PER PAGE 66 LINE/PAGE

LINE PER PAGE 50 LINE/PAGE

LINE PER PAGE 50 LINE/PAGE

LINE PER PAGE 50 LINE/PAGE

PAGE HEADER PRINT :YES

INCOMING CALL PRINT : YES

OUTGOING CALL PRINT : YES

AUTHORISE CODE PRINT : NO

LESS START TIME PRINT : YES

IN/OUT GROUP PRINT : YES

DND CALL PRINT : YES

WAKE - UP CALL PRINT : YES

DIRECTORY NAME _

DIRECTORY NAME SAMSUNG DX

described in the procedure for program
Station Names

12b. Press RIGHT key to save name and
return to step 2

DIRECTORY NAME
SAMSUNG DX

13. If option 10 is selected at step 2

CLIP DATA
PRINT : YES

14. If option 11 is selected at step 2

ABANDONED CALL
PRINT : YES

15. If option 12 is selected at step 2

DID NUM/NAME
PRINT : YES

16. After all desired options have been
selected, press **TRSF** to exit OR
press **SPEAKER** to exit and advance to
next program

SYSTEM ACCESS CODES

The DX telephone system has the following preset (default) feature access codes. These codes can be used if a key is not available for the feature you want to use. Standard telephone users must always dial these codes.

9	Call attendant or system operator	55 + 1	Page Internal zone 1
10 + xxx	Retrieve parked calls	55 + 2	Page Internal zone 2
11	Put calls on and take calls off hold	55 + 3	Page Internal zone 3
12 + xxx	Retrieve call on hold at another station	55 + 4	Page Internal zone 4
13	Door lock release	55 + 5	Page external zone 1
16 + xxx	Make speed dial calls	55 + *	All page
17	Save number and redial it	56	Meet Me Answer
18	Recall dial tone for new call	57	Alarm sensor clear
19	Last number redial	58	DISA alarm clear
2xx	Extension numbers	59	Walking Class of Service
3xx	Extension numbers	600	Cancel Call Forwarding
400	Cancel Do Not Disturb	601 + xxx	Set Forward All Calls
401	Set Do Not Disturb	602 + xxx	Set Forward Busy
41	Set Message No Ring	603 + xxx	Set Forward No Answer
42 + xxx	Cancel message	604 + xxx	Set Forward Busy/No Answer
43	Set/Return messages	605 + xxx	Set Forward Follow Me
44	Busy station/ line callback	65	Directed call pick-up
45	Busy station camp-on	66	Group call pick-up
46	Set up a conference	67	Universal Answer
47	Enter an account code	7xx	Individual line numbers
48	Set programmed station message	8x	Outside line groups
49	Send a flash to an outside line	0	Line Group 0
500	Station hunt group to		
529	Station hunt group		
53+grp+0	Out of group		
53+grp+1	In group		
54+zone	Meet me page		
55 + 0	Page all internal zones		