

System programming

Call handling

Held reminder	On	Off									
Held line reminder delay	30	60	90	120	150	180					seconds
Delayed ring transfer to prime	On		Off								
Delayed ring transfer to prime delay	1	2	3	4	6	10					rings
Directed pickup	On		Off								
Voice Message Center	telephone number 1 _____					telephone number 2 _____					
	telephone number 3 _____					telephone number 4 _____					
	telephone number 5 _____										
Transfer callback delay	3	4	5	6	12						rings
Park prefix	0	1	2	3	4	5	6	7	8	9	None
Call park timeout delay	30	45	60	90	120	150	180	300	600		seconds
Camp timeout delay	30	45	60	90	120	150	180				seconds
On hold feedback	Tone		Music			Silence					

Miscellaneous 1

Direct dial number	0	1	2	3	4	5	6	7	8	9	None
Alarm Set _____	(None or any valid set; default 2221)										
Link time	100	200	300	400	500	600	700	800	900	1000	milliseconds
Supervision time	60	100	260	460	600						milliseconds
Host delay	200	400	600	800	1000	1200	1400	1600	1800	2000	milliseconds
Receiver volume	Use system volume					Use set volume					
Background music	On	Off									
Set relocation	On	Off									
Line pool access codes: (1 to 4 digits long, or blank)	Line pool A: _____			Line pool B: _____			Line pool C: _____				
	Line pool D: _____			Line pool E: _____			Line pool F: _____				
	Line pool G: _____			Line pool H: _____			Line pool I: _____				
	Line pool J: _____			Line pool K: _____			Line pool L: _____				
	Line pool M: _____			Line pool N: _____			Line pool O: _____				

Miscellaneous 2

ECAP Sets	ECAP 1: _____	ECAP 2: _____	ECAP 3: _____
	ECAP 4: _____	ECAP 5: _____	None
Direct dial sets	Set 1: _____	Set 2: _____	Set 3: _____
	Set 4: _____	Set 5: _____	

Centrex access

Feature	Code	Feature	Code
Call Forward	_____	Busy Override/Priority Call	_____
Cancel Call Forward	_____	Make Set Busy	_____
Ring Again	_____	Cancel Make Set Busy	_____
Cancel Ring Again	_____	Answer Waiting Call	Link/Flash _____
Group Call Pickup	_____	Alternate calls	Link/Flash _____
Directed Call Pickup	_____		

Note: Please ensure that the Feature Access Codes match with the Norstar system feature codes.

Centrex delays

After link	0.6	0.8	1.0	1.2	1.4	1.6	seconds
After feature	0.6	0.8	1.0	1.2	1.4	1.6	seconds

Beyond Centrex access digits	0	1	2	3	4	5	6	7	8	9
------------------------------	---	---	---	---	---	---	---	---	---	----------

Service modes

Name (max. 7 chars.)	Night _____	Evening _____	Lunch _____
Type	Manual Off Auto	Manual Off Auto	Manual Off Auto
If Auto: Start time	23:00 Hr: ___ Min: ___	17:00 Hr: ___ Min: ___	12:00 Hr: ___ Min: ___
Stop time	07:00 Hr: ___ Min: ___	23:00 Hr: ___ Min: ___	13:00 Hr: ___ Min: ___
TAFAS	On Off	On Off	On Off
Extra-dial set	2221 DN: _____	2221 DN: _____	2221 DN: _____

System Filters

Filter #	Restrictions		Exceptions	
	# (2 digits)	Restrictions digits (maximum 15 digits)	# (3 digits)	Exceptions digits (maximum 16 digits)

System Passwords

**CONFIG password: _ _ _ _ _ **ADMIN password: _ _ _ _ _

Class of Service (COS) passwords

Pswd Number (2 digits)	COS Password (6 digits)	User Filter (2 digits)	Line Filter (2 digits)	Pswd Number (2 digits)	COS Password (6 digits)	User Filter (2 digits)	Line Filter (2 digits)

System speed dials

Code	Phone number	Line	Name	Show	Bypass
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N
				Y N	Y N

Maximum length of each System speed dial number is 24 digits. **Note:** Pause (P) and Run/Stop (X) each use one digit, and Link/Flash (F) and Programmed Release (R) use two digits when programmed into a System speed dial number.

Line programming

Line/Trunk data

	Line ____	Line ____	Line ____	Line ____	Line ____	Line ____	
CO line number (maximum 7 digits)							
Line type Public Private to Voice mail Pool (A to O)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Prime set (2221)							
Trunk mode	1A2 Supervised SLS mode Unsupervised	1A2 Supervised SLS mode Unsupervised	1A2 Supervised SLS mode Unsupervised	1A2 Supervised SLS mode Unsupervised	1A2 Supervised SLS mode Unsupervised	1A2 Supervised SLS mode Unsupervised	
Dialing mode	Pulse Tone	Pulse Tone	Pulse Tone	Pulse Tone	Pulse Tone	Pulse Tone	
Loss package	Long CO Medium CO Medium PBX Short CO Short PBX	Long CO Medium CO Medium PBX Short CO Short PBX	Long CO Medium CO Medium PBX Short CO Short PBX'	Long CO Medium CO Medium PBX Short CO Short PBX	Long CO Medium CO Medium PBX Short CO Short PBX	Long CO Medium CO Medium PBX Short CO Short PBX	
Full autohold (Loop start only)	On Off	On Off	On Off	On Off	On Off	On Off	
Auto privacy	On Off	On Off	On Off	On Off	On Off	On Off	
Auxiliary ringer	On Off	On Off	On Off	On Off	On Off	On Off	

Abilities and Call Services

VMsg center #	1 2 3 4 5 None	1 2 3 4 5 None	1 2 3 4 5 None	1 2 3 4 5 None	1 2 3 4 5 None	1 2 3 4 5 None
Auto call information set	None DN:_____	None DN:_____	None DN:_____	None DN:_____	None DN:_____	None DN:_____
Line filter						

Service mode options

	Line ___	Line ___	Line ___	Line ___	Line ___	Line ___	
Service control set (2221)							
Mode 1 Ringing sets	_____ _____	_____ _____	_____ _____	_____ _____	_____ _____	_____ _____	
Auxiliary ringer	On Off	On Off	On Off	On Off	On Off	On Off	
Mode 2 Ringing sets	_____ _____	_____ _____	_____ _____	_____ _____	_____ _____	_____ _____	_____ _____
Auxiliary ringer	On Off	On Off	On Off	On Off	On Off	On Off	
Mode 3 Ringing sets	_____ _____	_____ _____	_____ _____	_____ _____	_____ _____	_____ _____	_____ _____
Auxiliary ringer	On Off	On Off	On Off	On Off	On Off	On Off	

Set programming

Line access

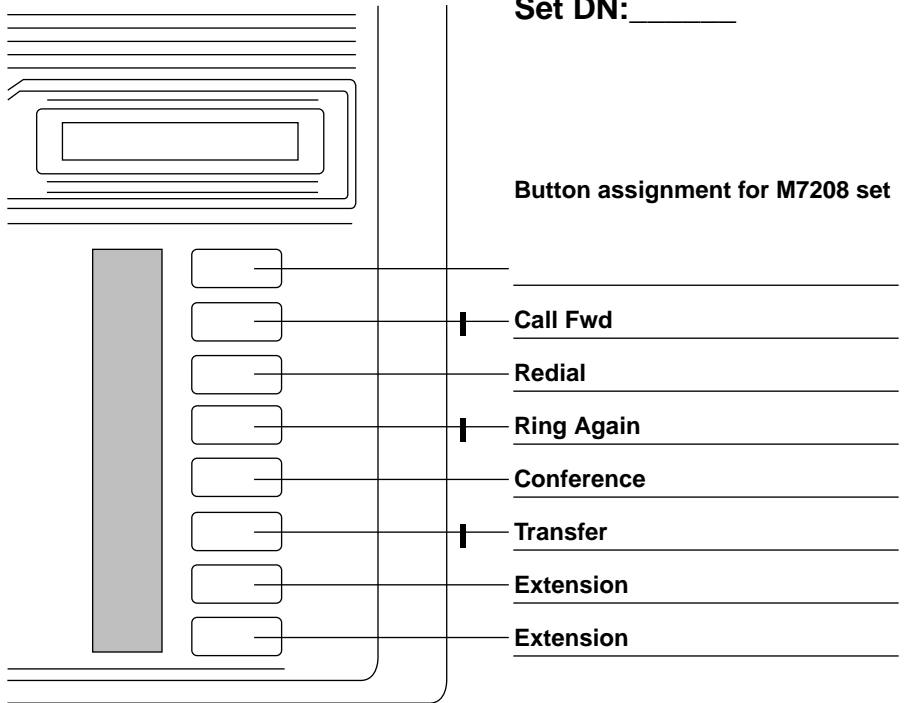
Set DN										
Set type										
Line assignment	Line	Ringing	Line	Ringing	Line	Ringing	Line	Ringing	Line	Ringing
	_____	On Off	_____	On Off	_____	On Off	_____	On Off	_____	On Off
	_____	On Off	_____	On Off	_____	On Off	_____	On Off	_____	On Off
	_____	On Off	_____	On Off	_____	On Off	_____	On Off	_____	On Off
	_____	On Off	_____	On Off	_____	On Off	_____	On Off	_____	On Off
	_____	On Off	_____	On Off	_____	On Off	_____	On Off	_____	On Off
	_____	On Off	_____	On Off	_____	On Off	_____	On Off	_____	On Off
	_____	On Off	_____	On Off	_____	On Off	_____	On Off	_____	On Off
	_____	On Off	_____	On Off	_____	On Off	_____	On Off	_____	On Off
	_____	On Off	_____	On Off	_____	On Off	_____	On Off	_____	On Off
	_____	On Off	_____	On Off	_____	On Off	_____	On Off	_____	On Off
	_____	On Off	_____	On Off	_____	On Off	_____	On Off	_____	On Off
	_____	On Off	_____	On Off	_____	On Off	_____	On Off	_____	On Off
	_____	On Off	_____	On Off	_____	On Off	_____	On Off	_____	On Off
	_____	On Off	_____	On Off	_____	On Off	_____	On Off	_____	On Off
	_____	On Off	_____	On Off	_____	On Off	_____	On Off	_____	On Off
Set/Line Filters	Line	Filter	Line	Filter	Line	Filter	Line	Filter	Line	Filter
	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	Line pool access	A B C D E	A B C D E	A B C D E	A B C D E	A B C D E	A B C D E	A B C D E	A B C D E	A B C D E
F G H I J		F G H I J	F G H I J	F G H I J	F G H I J	F G H I J	F G H I J	F G H I J	F G H I J	
K L M N O		K L M N O	K L M N O	K L M N O	K L M N O	K L M N O	K L M N O	K L M N O	K L M N O	
Answer DN's	Set	Ringing	Set	Ringing	Set	Ringing	Set	Ringing	Set	Ringing
	_____	On Off	_____	On Off	_____	On Off	_____	On Off	_____	On Off
	_____	On Off	_____	On Off	_____	On Off	_____	On Off	_____	On Off
	_____	On Off	_____	On Off	_____	On Off	_____	On Off	_____	On Off
Number of intercom lines	0 1 2 3 4	0 1 2 3 4	0 1 2 3 4	0 1 2 3 4	0 1 2 3 4	0 1 2 3 4	0 1 2 3 4	0 1 2 3 4	0 1 2 3 4	
	5 6 7 8	5 6 7 8	5 6 7 8	5 6 7 8	5 6 7 8	5 6 7 8	5 6 7 8	5 6 7 8	5 6 7 8	
Prime line	None	None	None	None	None	None	None	None	None	
	Line:____ Pool:____	Line:____ Pool:____	Line:____ Pool:____	Line:____ Pool:____	Line:____ Pool:____	Line:____ Pool:____	Line:____ Pool:____	Line:____ Pool:____	Line:____ Pool:____	

Set abilities

Set DN					
Full handsfree	On Off	On Off	On Off	On Off	On Off
Auto handsfree	On Off	On Off	On Off	On Off	On Off
Handsfree answerback	On Off	On Off	On Off	On Off	On Off
Priority call	On Off	On Off	On Off	On Off	On Off
Auxiliary ringer	On Off	On Off	On Off	On Off	On Off
DN type	Normal Norstar only Not Norstar	Normal Norstar only Not Norstar	Normal Norstar only Not Norstar	Normal Norstar only Not Norstar	Normal Norstar only Not Norstar
Pickup group	None 1 2 3 4 5 6 7 8 9	None 1 2 3 4 5 6 7 8 9	None 1 2 3 4 5 6 7 8 9	None 1 2 3 4 5 6 7 8 9	None 1 2 3 4 5 6 7 8 9
Page	On Off	On Off	On Off	On Off	On Off
Page zone	None 1 2 3 4 5 6	None 1 2 3 4 5 6	None 1 2 3 4 5 6	None 1 2 3 4 5 6	None 1 2 3 4 5 6
Set lock	None Full Partial	None Full Partial	None Full Partial	None Full Partial	None Full Partial
Call forward on busy to	None DN _____	None DN _____	None DN _____	None DN _____	None DN _____
Forward no answer to	None DN _____	None DN _____	None DN _____	None DN _____	None DN _____
Forward to delay	2 3 4 6 10	2 3 4 6 10	2 3 4 6 10	2 3 4 6 10	2 3 4 6 10
Set filter					
Direct dial set	None 1 2 3 4 5	None 1 2 3 4 5	None 1 2 3 4 5	None 1 2 3 4 5	None 1 2 3 4 5
Hotline type	None Internal External	None Internal External	None Internal External	None Internal External	None Internal External
Internal hotline DN	None DN _____	None DN _____	None DN _____	None DN _____	None DN _____
External hotline line					
Hotline external digits					

Buttons and Status - M7208 set

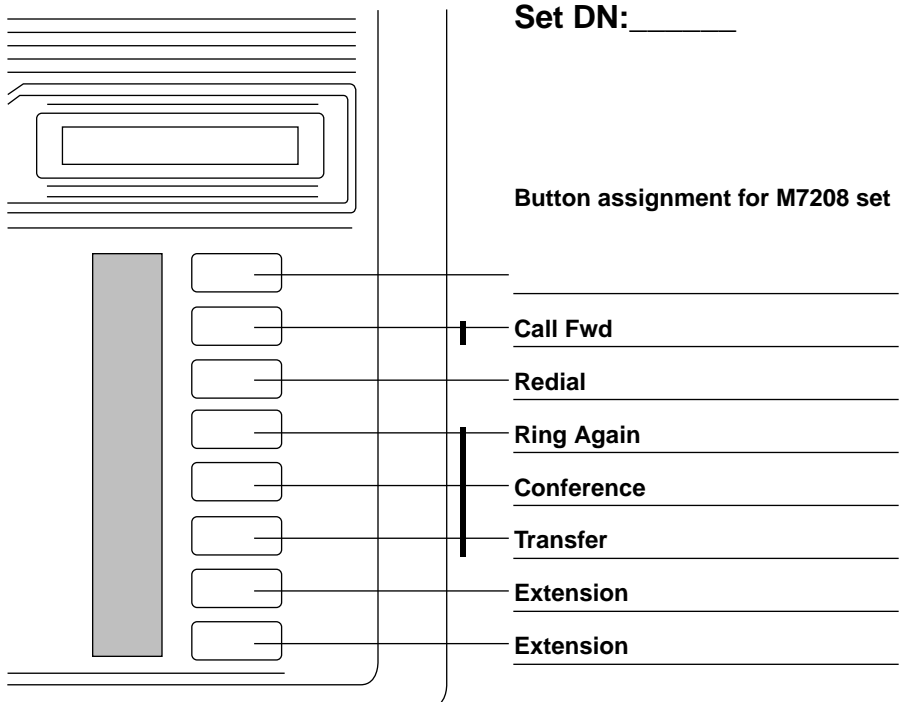
Some of the default button assignments shown cannot be changed from Buttons and status - they must be changed from other Set programming areas. For example, to change the first button to Line 3 go to Set programming (Line access).



Set DN: _____

Button assignment for M7208 set

Pre-dial mode	Automatic dial Pre-dial Standard dial
Do not disturb	On Off
Background music	On Off
Ring volume	0 1 2 3 4 5 6 7
Ring type	1 2 3 4
Contrast	1 2 3 4 5 6 7 8 9
Language	English French Spanish



Set DN: _____

Button assignment for M7208 set

Pre-dial mode	Automatic dial Pre-dial Standard dial
Do not disturb	On Off
Background music	On Off
Ring volume	0 1 2 3 4 5 6 7
Ring type	1 2 3 4
Contrast	1 2 3 4 5 6 7 8 9
Language	English French Spanish

Buttons and Status - M7310 set

Some of the default button assignments shown cannot be changed from Buttons and status - they must be changed from other Set programming areas. For example, to change the first button to Line 3 go to Set programming (Line access).

1 _____
2 _____
3 _____
4 _____
5 _____
6 _____
7 _____
8 _____
9 _____
10 _____
11 _____
12 _____
13 _____
14 _____
15 _____
16 _____
17 _____
18 _____
19 _____
20 _____

Set DN: _____

Pre-dial mode	Automatic dial Pre-dial Standard dial
Do not disturb	On Off
Background music	On Off
Ring volume	0 1 2 3 4 5 6 7
Ring type	1 2 3 4
Contrast	1 2 3 4 5 6 7 8 9
Language	English French Spanish

21 _____
22 _____
23 _____
24 _____

1 _____
2 _____
3 _____
4 _____
5 _____
6 _____
7 _____
8 _____
9 _____
10 _____
11 _____
12 _____
13 _____
14 _____
15 _____
16 _____
17 _____
18 _____
19 _____
20 _____

Set DN: _____

Pre-dial mode	Automatic Pre dial Standard
Do not disturb	On Off
Background music	On Off
Ring volume	0 1 2 3 4 5 6 7
Ring type	1 2 3 4
Contrast	1 2 3 4 5 6 7 8 9
Language	English French Spanish

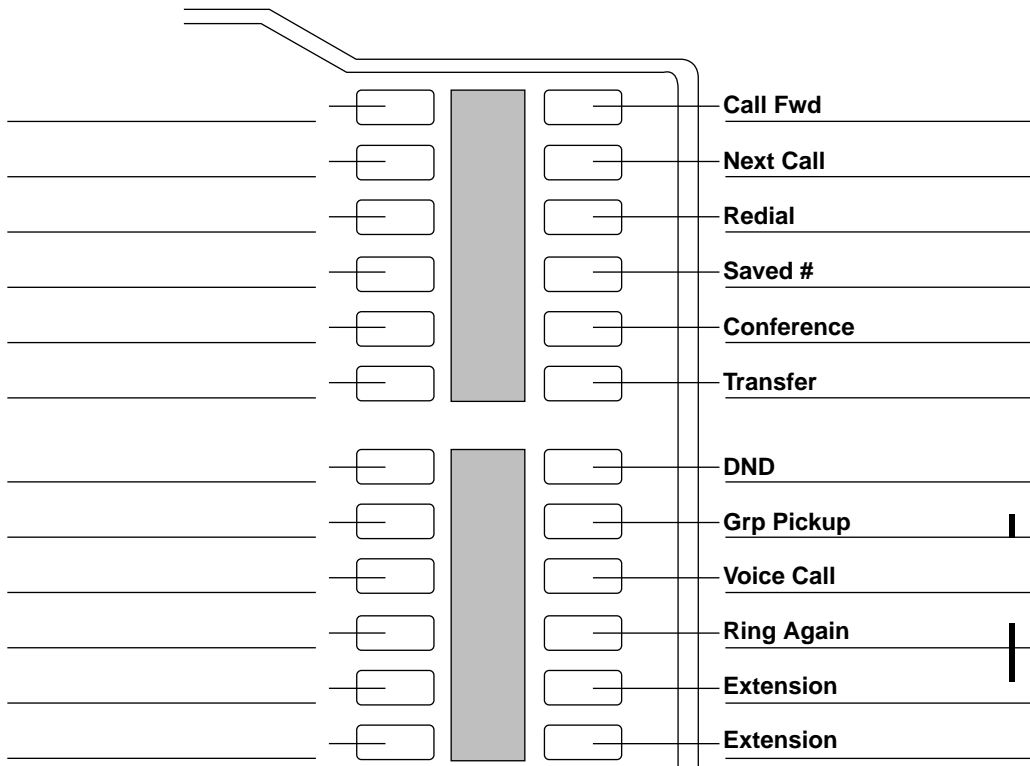
21 _____
22 _____
23 _____
24 _____

Note: Dual memory buttons (1 through 24) can be programmed with features, or internal and external autodial numbers.

Buttons and Status - M7324 set

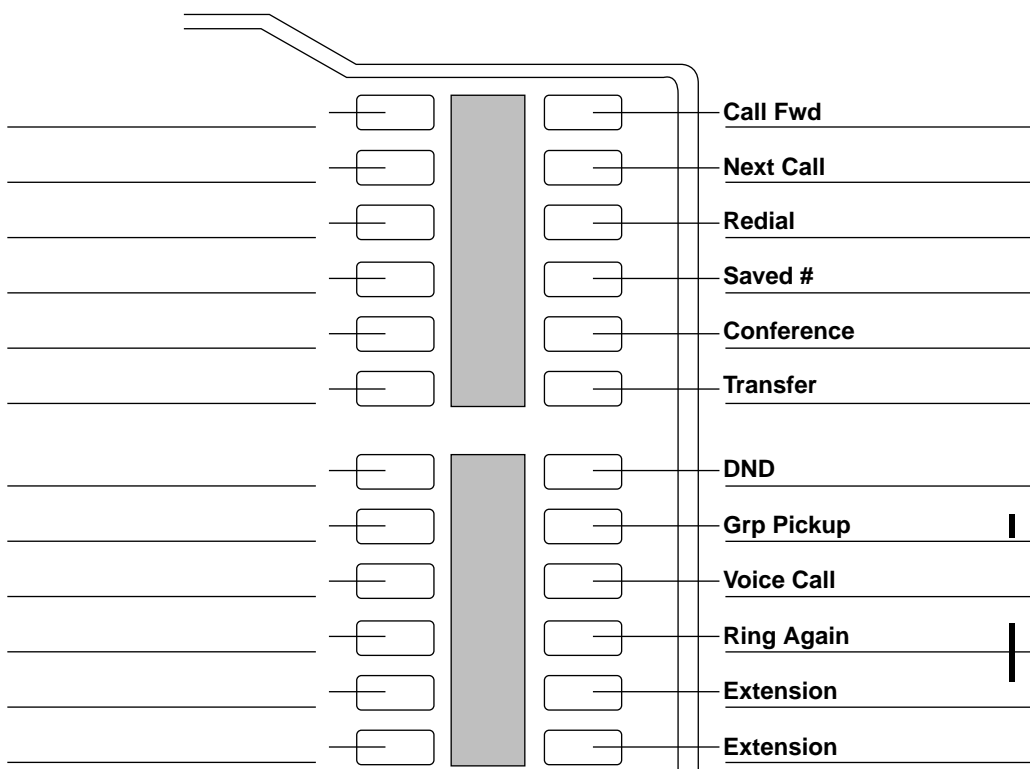
Some of the default button assignments shown cannot be changed from Buttons and status - they must be changed from other Set programming areas. For example, to change the first button to Line 3 go to Set programming (Line access).

Set DN: _____



Pre-dial mode	Automatic dial Pre-dial Standard dial
Do not disturb	On Off
Background music	On Off
Ring volume	0 1 2 3 4 5 6 7
Ring type	1 2 3 4
Contrast	1 2 3 4 5 6 7 8 9
Language	English French Spanish

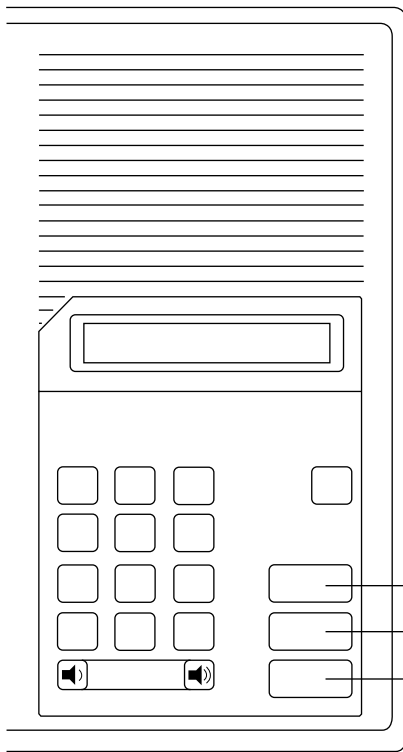
Set DN: _____



Pre-dial mode	Automatic dial Pre-dial Standard dial
Do not disturb	On Off
Background music	On Off
Ring volume	0 1 2 3 4 5 6 7
Ring type	1 2 3 4
Contrast	1 2 3 4 5 6 7 8 9
Language	English French Spanish

Buttons and Status - M7100 set

Some of the default button assignments shown cannot be changed from Buttons and status - they must be changed from other Set programming areas. For example to change the first button to Line 3 go to Set programming (Line access).

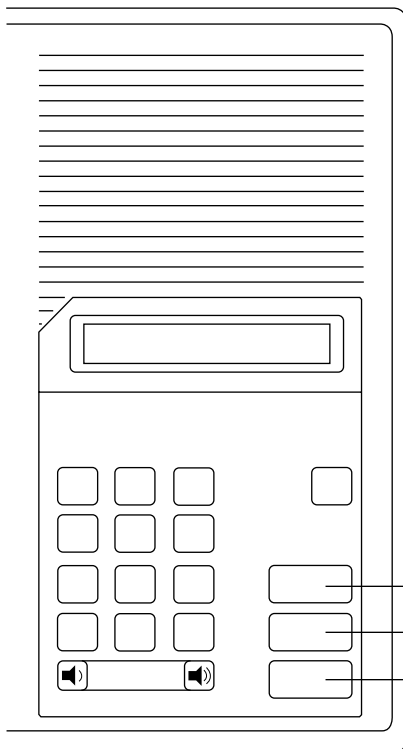


Set DN: _____

Pre-dial mode	Automatic dial	Pre-dial	Standard dial
Do not disturb	On	Off	
Background music	On	Off	
Ring volume	0	1	2 3 4 5 6 7
Ring type	1	2	3 4
Contrast	1	2	3 4 5 6 7 8 9
Language	English	French	Spanish

Button assignment for M7100 set

- Redial
- Feature
- Hold



Set DN: _____

Pre-dial mode	Automatic dial	Pre-dial	Standard dial
Do not disturb	On	Off	
Background music	On	Off	
Ring volume	0	1	2 3 4 5 6 7
Ring type	1	2	3 4
Contrast	1	2	3 4 5 6 7 8 9
Language	English	French	Spanish

Button assignment for M7100 set

- Redial
- Feature
- Hold

Buttons and Status - CAP

Buttons on a CAP (Central Answering Position) can be programmed with features, internal autodial numbers, or external autodial numbers. Each CAP has 48 programmable buttons.

Diagram showing two sets of CAP button layouts. Each set consists of three vertical columns of buttons. The middle column in each set is shaded grey, indicating a status or indicator button. The first and third columns contain 7 buttons each, for a total of 14 programmable buttons per CAP.

CAP #: _____ (each CAP has a unique identity number)

On DN #: _____

Write in what feature, internal or external autodial number, or line is programmed onto each button (write directly onto the picture of the CAP shown above).

Diagram showing two more sets of CAP button layouts, identical to the first two. Each set consists of three vertical columns of buttons. The middle column in each set is shaded grey. The first and third columns contain 7 buttons each, for a total of 14 programmable buttons per CAP.

CAP #: _____ (each CAP has a unique identity number)

On DN #: _____

Write in what feature, internal or external autodial number, or line is programmed onto each button (write directly onto the picture of the CAP shown above).

Personal speed dials

Set DN: _____

Code	Optional Line	Phone number
#71:	_____	_____
#72:	_____	_____
#73:	_____	_____
#74:	_____	_____
#75:	_____	_____
#76:	_____	_____
#77:	_____	_____
#78:	_____	_____
#79:	_____	_____
#80:	_____	_____
#81:	_____	_____
#82:	_____	_____
#83:	_____	_____
#84:	_____	_____
#85:	_____	_____
#86:	_____	_____
#87:	_____	_____
#88:	_____	_____
#89:	_____	_____
#90:	_____	_____
#91:	_____	_____
#92:	_____	_____
#93:	_____	_____
#94:	_____	_____

Set DN: _____

Code	Optional Line	Phone number
#71:	_____	_____
#72:	_____	_____
#73:	_____	_____
#74:	_____	_____
#75:	_____	_____
#76:	_____	_____
#77:	_____	_____
#78:	_____	_____
#79:	_____	_____
#80:	_____	_____
#81:	_____	_____
#82:	_____	_____
#83:	_____	_____
#84:	_____	_____
#85:	_____	_____
#86:	_____	_____
#87:	_____	_____
#88:	_____	_____
#89:	_____	_____
#90:	_____	_____
#91:	_____	_____
#92:	_____	_____
#93:	_____	_____
#94:	_____	_____

Set DN: _____

Code	Optional Line	Phone number
#71:	_____	_____
#72:	_____	_____
#73:	_____	_____
#74:	_____	_____
#75:	_____	_____
#76:	_____	_____
#77:	_____	_____
#78:	_____	_____
#79:	_____	_____
#80:	_____	_____
#81:	_____	_____
#82:	_____	_____
#83:	_____	_____
#84:	_____	_____
#85:	_____	_____
#86:	_____	_____
#87:	_____	_____
#88:	_____	_____
#89:	_____	_____
#90:	_____	_____
#91:	_____	_____
#92:	_____	_____
#93:	_____	_____
#94:	_____	_____

Set DN: _____

Code	Optional Line	Phone number
#71:	_____	_____
#72:	_____	_____
#73:	_____	_____
#74:	_____	_____
#75:	_____	_____
#76:	_____	_____
#77:	_____	_____
#78:	_____	_____
#79:	_____	_____
#80:	_____	_____
#81:	_____	_____
#82:	_____	_____
#83:	_____	_____
#84:	_____	_____
#85:	_____	_____
#86:	_____	_____
#87:	_____	_____
#88:	_____	_____
#89:	_____	_____
#90:	_____	_____
#91:	_____	_____
#92:	_____	_____
#93:	_____	_____
#94:	_____	_____

The maximum length of each Personal speed dial number is 24 digits. **Note:** Pause (P) and Run/Stop (X) each use one digit, and Link/Flash (F) and Programmed Release (R) use two digits when programmed into a Personal speed dial number.

Call services

Set DN										
Line assignment	Auto log calls _____	Ext. VMsg. _____	Auto log calls _____	Ext. VMsg. _____	Auto log calls _____	Ext. VMsg. _____	Auto log calls _____	Ext. VMsg. _____	Auto log calls _____	Ext. VMsg. _____
Logging option	Log all calls No autologging No one answered Unanswered by me	Log all calls No autologging No one answered Unanswered by me	Log all calls No autologging No one answered Unanswered by me	Log all calls No autologging No one answered Unanswered by me	Log all calls No autologging No one answered Unanswered by me	Log all calls No autologging No one answered Unanswered by me	Log all calls No autologging No one answered Unanswered by me	Log all calls No autologging No one answered Unanswered by me	Log all calls No autologging No one answered Unanswered by me	Log all calls No autologging No one answered Unanswered by me
First display	Name Number Line Name	Name Number Line Name	Name Number Line Name	Name Number Line Name	Name Number Line Name	Name Number Line Name	Name Number Line Name	Name Number Line Name	Name Number Line Name	Name Number Line Name
Log password										
Log space										
Auto bumping	On Off	On Off	On Off	On Off	On Off	On Off	On Off	On Off	On Off	On Off

Norstar is a trademark of Northern Telecom.
 Microsoft is a registered trademark and Windows is a trademark of Microsoft Corporation.
 This document is for use with Norstar Manager for Windows and **Norstar-PLUS** Centrex Release 1.
 P0749950 Issue 06
 Printed in Canada