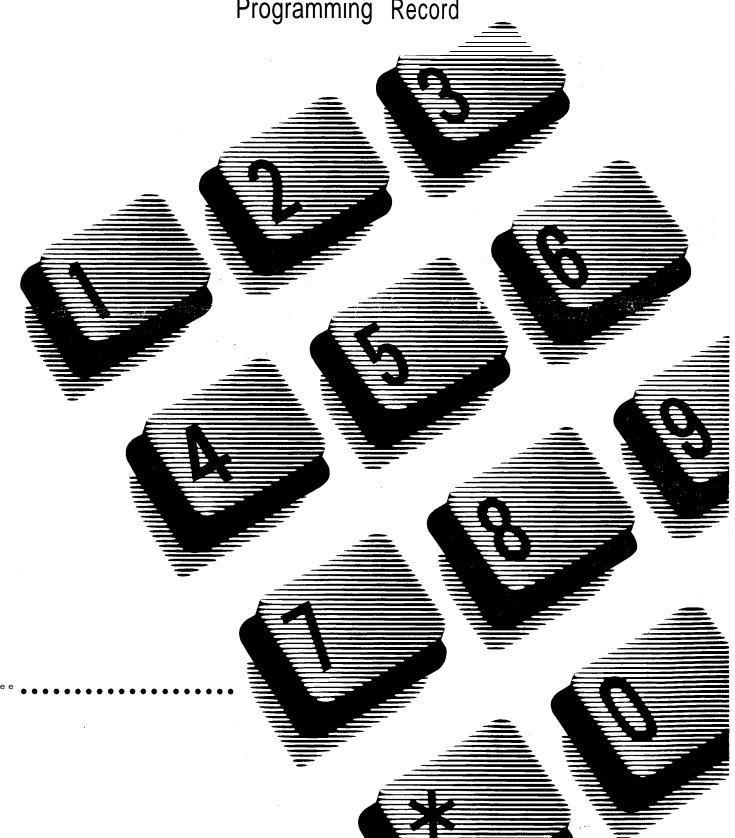


Compact DR5
Programming Record



Page 2

Compact DR5 Programming Record

Customer/Company:	Sales Representative:
Address:	Telephone:
	Issue date:
Telephone:	
Billing number:	Installer:
System Coordinator:	Installation date:

Notes:

Installed equipment

Kev Service Unit	Data Terminals					
Key Service Unit (KSU)	Analog Terminal Adapter (ATA)					
Call Identification interface						
Telephones	Auxiliary equipment					
M7100	External Paging Equipment					
M7208	External Music source					
M7310	Station Auxiliary Power Supply					
M7310 with Busy Lamp Field (BLF)	Auxiliary Ringer					
M7324	Headset					
M7324 with 1 Central Answering Position (CAP)	Shoulder rest					
M7324 with 2 Central Answering Positions (CAP)	Radio Frequency (RF) Filter Kit					
Single-line telephone						
Emeraency telephone						

Notes about this Programming Record

All defaults in the Programming Record, shown in **bold** text, are defaults for the Square template. Before using the sheets provided, FIRST photocopy the sheets for which multiple pages are required. This record contains enough sheets for 4 lines and 4 telephones.

Installed telephones and other devices

Name or Location	Telephone model	BLF	CAP	ATA	Port No.	Default DN (max. 2 digits)	New DN (max. 2 digits)
						1	

System-wide programming

System-wit	ie p	nog	Iallill	iiiig							
System Startup Inst	aller only (Pas	sword: Feat	ıre* Q	q <u>q</u>	q q	q q	q or q	q q	q q	qq	q q)
Template	Square	. Ну	brid	PBX							
Call handling	(Configu	uration: 3	3. Call Han	dling)							
Held reminder	Υ	N									
Remind delay(s)	30	60	90	120	150	180					
DRT to orime	Υ	N									
DRT delay (rings)	1	2	3	4	6	10					
Transfer callback (rings)	3	4	5	6	12						
Park prefix	0	1	2	3	4	5	6	7	8	9	None
Park timeout(s)	30	45	60	90	120	150	180	300	600		
Camp timeout (s)	30	45	60	90	120	150	180				
Directed pickup	Υ	N									
On hold	Tones	Music	Silence								
Miscellaneous	(Conf	iguration:	4. Misce	llaneous)							
Background music	Υ	N									
Direct-dial #	0	1	2	3	4	5	6	7	8	9	None
Link time (ms)	100	200	300	400	500	600	700	800	900	1000	
Set relocation	Υ	N									
Host delav (ms)	I 200	400	600	800	1000	1200	1400	1600	1800	2000	
External code:	0	1	2	3	4	5	6	7	8	9	(blank)
Line pool codes (max. 4 digits)	A: L	L 1 L	لا : B		I C : L		J				
Installer password (max. 6 digits)	The defa	ault is (CONFIG)	or (2663	44).						
System Data	(Configu	ration: 5	. System I	Data)							
Individual DNs	Chanoe	as reuu	ired								

Page 4
To record more than 45 System Speed Dial numbers, photocopy this page BEFORE using.

В	Ву	pass
		str'n
		N
		N
-		N
		N
_		N N
		N
		N
	Y	N
	Y	N
	Y	N
	Y	N
_	Y	N
	Y	
	Y	N
	Y	N
	Υ	N
	Ϋ́	N
	Y	N
┥	γ_	N
	Y	N
Y	Υ	N
Y	Υ	N
Y	Υ	N
Y	Υ	N
Y	Υ	N
Y	Υ	N
Y	Υ	N
Y	Υ	N
Y	Υ	N
Y	Υ	Ν
	Υ	Ν
Y	Υ	N
	Υ	N
Y	Υ	N
	Υ	N
	Υ	N
_	Υ	N
	Υ	N
	Υ	N
	Υ	N
	Υ	N
	Υ	N
_	Υ	N N
		Y
Market M	N	

Direct-Dial (General admin: 4. Direct-Dial)

Direct Dial telephone Set1:

To record more than 24 dialing filters, or 16 COS passwords, photocopy this page BEFORE using.

ïlter#	R	estrictions			Exceptions			
	#	(2 digits)	Restriction (max. 15 digits)		# (3 digits)	Exception (max. 16	6 digits)
	1							
				ccworde (o	eral admin	: 5. Capabilitie	rs)	
class of	S	ervice (COS) pa	155WOIU5 (Gen				
assword #	S	Assigned	to: (owner of			vord: (6 digits)	User fltr:	Line fltr: (2 digits)
assword #	Se							Line fltr: (2 digits)
assword #	Se						User fltr:	Line fltr: (2 digits)
assword #	Se						User fltr:	Line fltr: (2 digits)
assword #	Se						User fltr:	Line fltr: (2 digits)
assword #	Se						User fltr:	Line fltr: (2 digits)
assword #	Se						User fltr:	Line fltr: (2 digits)
assword #	Se						User fltr:	Line fltr: (2 digits)
assword #	Se						User fltr:	Line fltr: (2 digits)
assword #	Se						User fltr:	Line fltr: (2 digits)
assword #	Se						User fltr:	Line fltr: (2 digits)
class of assword #	Se						User fltr:	Line fltr: (2 digits)
assword #	Se						User fltr:	Line fltr: (2 digits)
assword #	Se						User fltr:	Line fltr: (2 digits)
assword #	Se						User fltr:	Line fltr: (2 digits)

Service mode	S (General admin:	: 6. Service Mod	es)					
Control	Line:	Line Name: L		Contr	ol set: 21	Ī.		
sets	Line: W	Line Name: L	 	Cont لــــ	rol set: 21	<u> </u>	<u> </u>	
	Line: W	Line Name: L		Conti	rol set: 21	<u> </u>		•
1	Line: W	Line Name: L	1 1 1 1	Contr	ol set: 21	<u> </u>	<u>. </u>	
	Line: W	Line Name: L		Conti	rol set: 21	<u> </u>		
	Line: W	Line Name: L		Contr	ol set: 21		1	•
Name:	Night		Evening			Lunch		
(max. 7 char.)	1			1		1	1	
Setting	Manual	Off Auto	Manual	Off	Auto	Manual	Off	Auto
If Auto is selected								
Start time		W Min: W	17:00 H i		Min: W	12:00	Hr: W	Min: W
Stop time	07:00 H r :	W Min: W	23:00 H	r: W	Min: W	13:00	Hr: W	Min: W
Trunk answer	Y N		Y N			Υ	N	
Extra-dial	21	<u> </u>	21	1		21	1	
telephone								<u></u>
(max. 2 digits)					• 5:		Talaalaa	Din
Ringing Sets		phone Aux.Rin	-	•	Aux.Ring	Line	=	ne Aux.Ring
	21	Y N		21	Y N		21	Y N
	 	Y	N W		Y N			ΥN
	<u> </u>	Y	N W		Y N	 		Y N
		LL Y N			Y N	 	<u> </u>	Y N
	 	Y N		<u> </u>	Y N		<u> </u>	ΥN
	<u> </u>	Y N			Y N			Y N
Password (Ge	neral admin: 7. Pa	ssword)						
Admin. password (max. 6 digits)	The default is (A	ADMIN) or (23646)		<u>. </u>			
Call Log size	(General admin: 8	. Log Defaults)						
Log size:								
Voice Messa	ge Center 7	Telephone	Numbers	(General	admin: 9. Ca	III Services)	(max. 24 diç	jits)
VMsg center 1#								
VMsg center 2#								
VMsg center 3#								
VMsg center 4 #								
VMsq center 5 #								

Ν

To record programming for more than four lines, photocopy this'page BEFORE using.

VMsg center #

2 3

5

Line prog	ramming		•	
line: (2 digits)	1 1			<u> </u>
name: (max. 7 char.)				
number: (max. 7 digits)				
Trunk Data	(Configuration: 1 Trk/Line D	Pata)	•	•
copied from:				
Dial mode	Pulse Tone	Pulse Tone	Pulse Tone	Pulse Tone
Full AutoHold	Y N	Y N	Y N	Y N
Line Data	Configuration: 1. Trk/Line Data)		
copied from:				
Line type	Public	Public	Public	Public
	Private to:	Private to:	Private to:	Private to:
	Pool: (A-C)	Pool: (A-C)	Pool: (A-C)	Pool: (A-C)
Prime set	21 None L	21 None w 2	1 None w 2	1 None W
Aux. ringer	YN	Y N	ΥN	Y N
Auto privacy	Y N	Y N	Y N	Y N
Line Abilitie	S (General admin: 5. Capa	abilities)		
copied from line:		I		I
Line filter	03	03	03	03
CallServices	(G eneral admin: 9. Call S	ervices)		
Auto Call Info	None W	None W	None W	None W
copied from line:				

3

5

4

Ν

4 5

3

N 1

Page 8
To record programming for more than four telephones, photocopy the following tables BEFORE using.

Y'

Priority call

N

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programming Set: (max. 2 digits) name: (max. 7 char.) model: **Set Copy** (enter set and circle S for system data or SU for system and user data) copied from set: S S S s u s u S s u s u Line Access (Configuration: 2. Line Access) from: copied Line Assignment 01 Ring Ring No ring 01 Ring No ring 01 Ring No ring No ring 01 02 Ring No ring 02 Ring No ring 02 Ring No ring 02 Ring No ring Ring Ring No ring Ring No Ring No No ring ring ring No ring Ring Ring No ring Ring No ring Ring No ring Ring Ring Ring No ring Ring No ring No ring No ring No ring No ring No ring Ring Ring Ring No ring Ring **DNs** Ring No ring Ring No ring Ring No Ring No ring Answer ring Ring No ring В Line pool access В С В С В С Α С intercom buttons 0 1 2 0 1 2 0 1 2 0 1 2 Prime line None None None None Intercom Intercom Intercom Intercom Line#: Line#: Line#: Line#: Pool: Pool: Pool. Pool: Set abilities (General admin: 5. Capabilities) copied from set: 02 02 02 02 Set filter (2 digits) Line._ Line/set filters Line. Filter. Line.____ Filter. Filter: Line. Filter... Line:- Eiter: Line: Filter:_ Filter:_ Line: Filter._ Line::____ Filter:_ Line:___ Line. Filter: Filter:__ Line.___ Filter:_ Line: Filt,er'-Line: Filter: Filter: Line: Filter: Line: Line: Filter:_ Filter: -Filter:_ Line: Filter: Line: Line: Line:__ Line. Filter: Line:-Filter: Line; Filter'-Line: Filter. Partial None None-Full -Full Partia! Set lock Partial Partial None None Υ NI Υ Ν Υ Full handsfree Ν N Υ N Auto handsfree Υ Ν Υ N N Υ Υ Υ N Υ Ν Ν HF answerback N Pickup group NO 1 2 3 4 NO₁ 2 3 4 NO 1 2 4 NO 1 2 3 4 3 Υ N Paging N. Ν Y Ν Paae zone. NO 1 2 3 NO₁ 2 3 NO1 2 3 NO1 2 3 Aux. ringer Ν γ Ν Ν Υ Ν Υ Direct-dial Set1 None Set1 None Set1 None Set1 None Forward on busy None or to: None or to: None or to: None or to: Forward no answr None or to: None or to: None or to: None or to: 2 10 3 4 6 10 2 3 10 Forward delay 4 6 3 4 6 1 0 4 Ν N. Receive tones Υ Y N. Υ Ν Hotline None Intrnl Extrnl Intrnl Extrn Intrnl. Extrnl None None-None Intrnl Extrnl

Ν

Υ

N

Set Services	«General admin:	9. Cal	l Se	vices)								
copied from:												
Autolog/Show VMsg	Line	_ Y	N	Line	_ Y	N	Line	_ Y	N	Line	_ Y	N
	Line	_ Y	Ν	Line	_ Y	Ν	Line	_ Y	Ν	Line	_ Y	Ν
	Line	_ Y	Ν	Line	_ Y	Ν	Line	_ Y	Ν	Line	_ Y	Ν
	Line	_ Y	Ν	Line	_ Y	Ν	Line	_ Y	Ν	Line	_ Y	Ν
	Line	_ Y	Ν	Line	_ Y	Ν	Line	_ Y	Ν	Line	_ Y	Ν
	Line	_ Y	Ν	Line	_ Y	Ν	Line	_ Y	Ν	Line	_ Y	Ν
Show extl VMsg	Line	_ Y	Ν	Line	Υ	N	Line	_ Y	N	Line	Υ	N
_	Line		Ν	Line		Ν	Line	_ Y	Ν	Line		Ν
	Line	_ Y	Ν	Line	_ Y	Ν	Line	_ Y	Ν	Line		Ν
	Line	_ Y	Ν	Line	_ Y	Ν	Line	_ Y	Ν	Line	_ Y	Ν
	Line	_ Y	Ν	Line	_ Y	Ν	Line	_ Y	Ν	Line		Ν
	Line	_ Y	Ν	Line	Υ	Ν	Line	_ Y	Ν	Line		Ν
Log Space												
1 st Display	Name Number LineName			Name Number LineName			Name Number LineName			Name Number LineName		

Programming glossary

rogramming	giossary			
1 st display	Select the first information to be displayed by the Call Display features. The default is Name. Other settings are Number and Line. Name or Number only appear if you have subscribed to Call Display services, otherwise line name will appear as the default.			
Admin. password	Assign a 1 to 6-digit password for security. The default is ADMIN (23646).			
Answer DNs	Up to four buttons on a telephone can be programmed for answering calls to the DNs of other telephones. The default is No Answer DNs. Enter the DNs of other telephone DNs to appear on answer buttons at this telephone.			
Auto Call Info	Lets you identify the telephone that will automatically display Call Display information for a specific alerting line (providing you have subscribed to Call Display services).			
Auto handsfree	Choose Yes to allow automatic activation of Handsfree capability.			
Auto privacy	Lets you program settings for physical trunks. Choose Yes to prevent other users, who have access to this line on their telephones, from using the line while a call is already in progress.			
Autolog/ShowVMsg A section of programming that lets you program whether or not the telephone is able to automatically log call information for calls on a specific line and whether Message Wait information is displayed (providing you have subscribed to Call Display services).				
Auxiliary ringer	Choose Yes for an Auxiliary Ringer (if installed) to ring for an incoming call on a specific line or at a specific telephone. The default is Yes for ringing on specific lines, and No for ringing at specific telephones.			
Backgrnd music	Choose Yes to hear music through the telephone's speaker (music source must be connected). The default is No.			
Bypass restriction	Choose Yes to allow a user to bypass restrictions or retain the default No to prevent bypass when using a Speed Dial number.			
Call Handling	A sub-heading for a programming section that lets you program system-wide settings for various call features.			
Call Services	A sub-heading for a programming section that lets you program settings for Voice Messaging, External Visual Message Waiting indication, Call Display Information and Call Logs.			
Camp timeout	Choose the number of seconds a call can remain camped before it returns to the originating telephone. The default is 45 seconds.			
Capabilities	A sub-heading for a programming section that lets you create Dialing filters. Assign the filters to Set abilities, Line abilities and Class of Service passwords.			
Configuration (Installer only)	A heading for a programming section that lets you program system-wide configuration settings.			
Control sets	Assign a control telephone to each external line to turn the Service Mode ON or OFF for the line. The default control telephone is DN 21. Enter the numbers for the line(s), the name of the person who uses the telephone and the new DN if changed.			
COS passwords	Create up to 20 six-digit passwords that control access and use of the Norstar system.			
Dial mode	Lets you program settings for physical trunk lines. Select the mode of dialing on this line: Pulse or Tone. The default is Pulse.			
Dialing filters	Build tables of up to 25 Dialing filters (00 to 24) using restrictions and exceptions.			
Direct dial #	Assign the digit used to dial a Direct-dial telephone. The default is 0. The digit can be 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 or None. It cannot be the same as the first digit of a DN, of a Line Pool access code, the External Line access code or the Call Park Prefix.			
Direct-dial	A sub-heading for a programming section that lets you assign a Direct-dial telephone for single-digit dialing.			
Directed pickup	Directed Pickup allows you to answer calls at any telephone by specifying the ringing telephone's number (unlike Call Pickup Group which only allows pickup of calls within a specified group of telephones). The default is Yes.			
Display digits	Retain the default, Yes, to see the telephone number on the display when using the speed dial number or change the setting to No to turn off the display.			
DRT delay	If "DRT to prime" is activated, assign the number of rings before a call is transferred. Default is 3 rinas.			

DRT to prime	Delayed Ring Transfer automatically forwards unanswered external calls to a Prime telephone. Choose Yes to activate DRT.
Exceptions	Enter any number of exceptions to the restrictions, as long as the total number of restrictions and exceptions for the system does not exceed 200.
External code	Assign the one digit External Line access code, or none. This code allows an M7100 Telephone or an ATA to access external lines.
Extra-dial telephone	If a Direct-dial telephone is also a Control telephone for a Service mode, you can specify an Extra-dial telephone at which all calls made to the Direct-dial telephone will also ring. The default Extra-dial telephone is 21.
Filter	Enter a dialing filter number. Then enter the first restriction to be assigned. Enter all the exceptions to a restriction before writing in the next restriction or the next filter number. Copy the contents of one filter to a new filter for easier programming. Remember to record all the restrictions and exceptions assigned to each filter. Pre-set and default filter assignments: Filter 00 — pre-set for No restrictions (the setting cannot be altered). Filter 01 — pre-set with five restrictions and related exceptions (but is re-programmable). Restr'n 01: 0 Restr'n 02: 1 Excpt'n 001: 1800 Excpt'n 002: 1555 Excpt'n 003: 1•1•555 Excpt'n 004: 1•0•555 Restr'n 03: 911 Excpt'n 001: 911 Restr'n 04: 411 Restr'n 05: 976 Filter 02 — is the unrestricted default filter for Set abilities, Set filter. Filter 03 — is the unrestricted default filter for Line abilities, Line filter.
Forward no answer	To redirect calls that have gone unanswered at the telephone, enter the DN of a Norstar telephone to which the calls should go. If "Forward no answr" is activated, Forward delay sets the number of rings before the call is forwarded. The default is 3 rings. Other options are 2, 4, 6 and 10 rings.
Forward on busy	To redirect all incoming calls to your telephone, when you are busy with another call, enter the DN of another Norstar telephone to which the calls should go.
Full AutoHold	Lets you program settings for lines. The default is No. Choose Yes only if you want to be able to put an idle line on hold to reserve it while you select another line (for example, to answer a call).
Full handsfree	Choose Yes to allow a user to make or receive calls without picking up the receiver or to allow the use of a headset on a Norstar telephone.
General admin	A heading for a programming section that lets you program system-wide settings and specific settings for each line or Norstar telephone.
Held line reminder	Choose Yes to program the telephone to remind you when a call is on hold. Two tones sound periodically until the call is answered. The default is No.
HF answerback	Choose Yes to allow a user to answer a Voice Call without lifting the receiver.
Host delay	Choose the delay in milliseconds between the selection of an outgoing line and the moment that Norstar sends dialed digits or codes on that line. The default is 1000 milliseconds.
Hotline	Assign a telephone number to be called automatically when a user lifts the receiver or presses Handstree .

Individual DNs	Change the Directory Number (DN) of a telephone. All DNs must be the same length. The first digit of a new DN cannot be the same as the External Line access code or 0.
	Note: Changing an Individual DN locks the configuration session into System Data mode, and when the session ends, you have to re-enter the Configuration access code and the Installer password to continue with programming.
Installer password	Change the one to six character Installer password used to enter Configuration programming from the default of CONFIG (266344).
Intercom buttons	Choose the number of intercom buttons on the telephone (default is 2) for access to internal lines.
Line abilities	A section of programming that lets you apply dialing filters to lines.
Line Access	A sub-heading for a programming section that lets you program settings for each telephone.
Line assignment	Enter the line numbers of the lines to be assigned to the telephone (default assignments are lines 01 and 02).
	Each line assigned to a telephone must appear at a button with an indicator on the telephone (except for the M7100 Telephone which has no line buttons and can be assigned any number of lines).
Line data	A section of programming that lets you program settings.
Line fltr	Enter a two-digit filter number to temporarily replace the Line filter assigned to this line. The default (Deflt) allows a filter programmed previously to continue to apply.
Line filter	Retain default filter 03 defined previously in Dialing filters programming or assign another two -digit filter number to the line.
Line names	Identify a line by the name of its destination or by the trunk type (up to seven characters).
Line pool access	Choose the Line Pools (A to C) to which the telephone user will have access.
	The default is No for all pools.
Line pool codes	Assign the Line Pool access codes for each Line Pool used. A code can be one to four digits in length (Line Pool access codes have no defaults). A line pool code cannot start with the first digit of any DN (including Rec'd #s) the call park prefix or the Direct-dial digit.
Line type	Lets you program settings for physical trunks.
	Choose Public to be able to assign the iine to any telephone.
	Choose Private to: to make the line private. Enter the DN of the telephone to which the line is to be assigned.
	Choose Pool to select Line Pool (A to C) to which the line will belong.
	Note: See the Configuration chapter in the Norstar Installer Guide for specific guidelines on setting up line pools.
Line/set filters	Enter the three-digit number of a line assigned to the telephone. Assign a two-digit filter from Dialing filters to replace any line or set filters that might otherwise apply to that particular line. You can assign up to 255 Line/set filters.
Link time	Link time specifies the duration of a signal required to access a feature through a remote system. The default is 600 milliseconds.
Log Defaults	A sub-heading for a programming section that lets you re-allocate system call log space for all telephones.
Log password	Set the call log password for a telephone to default, erasing any user inserted password. The default is No Password.
Log space	Re-allocate the call log space on a telephone-by-telephone basis.
Logging set	Identify the telephone(s) that will automatically receive call log information for a specific line (providing you have subscribed to Call Display services).
Miscellaneous	A sub-heading for a programming section that lets you program various system-wide settings.
Name	This option only appears if Display digits for Speed Dial is set to No. Enter up to 16 characters to see a name (such as: COURIER) instead of a telephone number on the display.
Namel, Name2, Name3	Retain the default Service Mode names or enter new names (up to 7 characters).
Names	A sub-heading for a programming section that lets you assign meaningful names to telephones and lines.

On hold	A caller waiting on hold will hear Music (from a source such as a radio connected to the KSU), periodic Tones or Silence. The default is Tones.	
Paging	Allows announcements to be made from a Norstar telephone. The default is Yes.	
Page zone	By default, a telephone falls into Page Zone 1. Enter a digit from 2 to 3 to change the page zone for this telephone, or change the setting to No to prevent pages to this telephone.	
Park prefix	efix Assign the code number to retrieve a parked call. The default is 1.	
Park timeout	Choose the number of seconds a call on an external line can remain parked before it returns to the originating telephone. The default is 45 seconds.	
Password	A sub-heading for a programming section that lets you allow authorized persons to have access to General administration programming.	
Pickup group	Enter a digit from 1 to 4 for your Pickup Group to be able to answer any calls ringing at another telephone in your group or retain the default No to disable the feature.	
Prime line	Assign a Prime line to the telephone. The Prime line is the first line selected automatically for making calls from the telephone. To assign a line or line pool as Prime line, the line or line pool must have been assigned to the telephone. Choose None for no Prime line (default). Choose Line to select an external line as the Prime line. Choose Pool to select a Line Pool (A to C) as the Prime line. Choose I/C to select an internal line (intercom) as the Prime line.	
Prime set	A Prime telephone can provide backup answering of calls on the line. The default Prime telephone is DN 21. To change the Prime telephone for this line, enter the DN of another telephone, or choose None for no Prime telephone.	
Receive tones	A section of programming that lets the system accept and relay tone to the TCP lines.	
Remind delay	If Held Line Reminder is Yes, assign a delay before HLR begins for a call.	
	The default is 60 seconds.	
Reset all logs	Re-allocate the call log space on a system-wide basis. The system total of 160 log spaces can be distributed to the telephones .	
Restrictions	Enter up to 48 restrictions for a dialing filter as long as the total number of restrictions and exceptions for the system does not exceed 200.	
Ringing	In the Programming Record, list the line numbers which are assigned to ring at the telephone. Also list the Answer Group DNs which are assigned to ring at the telephone. The defaults for all trunk lines is Ring. The default for Answer Group DNs which are assigned to ring at the telephone is Rina.	
Service Módes A sub-heading for a programming section that lets you assign telephones to ring during sociods of the day.		
Set abilities	A section of programming that lets you apply dialing filters and permissions to telephones.	
Set Copy	A heading for a programming section that lets you copy programming from one telephone in the system to another.	
Set filter	Retain the default filter 02, or assign another two-digit filter number from Dialing filters programming.	
Set lock	To limit personal programming and customization that can be performed at this telephone, change from the default None to Full or Partial, as necessary.	
Set names	Identify a telephone by the name of a person or its location (up to seven characters).	
Set relocation	Set relocation permits a telephone to be moved from one location within the Norstar system to another without losing the settings programmed on it. The default is No or OFF.	
Set Services	Set Services A sub-heading for a programming section that lets you control some specific attributes of call log information.	
Set1	Enter the DN for the Direct-dial telephone. Remember that other Direct-dial programming is required in Configuration (4. Miscellaneous) and General admin (5. Capabilities).	
Setting	Manual (the default) allows you to turn the Service Mode On or Off at any time from the control telephone. Change the setting to Off to disable Service Mode, or change it to Auto to assign automatic Start/Stop times.	
Show ExtIVmsg	Identify the telephone that will give voice message waiting indication for messages on a specific line (providing you have subscribed to Call Display services).	

Show Line	Enter the number of an external line which requires additional ringing telephones (a line can have multiple ringing telephones).	
Ringing Sets Enter the DNs of the telephones that should ring for calls on that line. You can also make the Auxiliary ringer ring for calls on that line.		
Speed dial #:_ Use prime line, Use line:_, Pool code:- Assign telephone numbers (up to 24 digits) to the speed dial codes 01 to 70. Choose whether to use the Prime line (the default), another external line, or a line pool with Speed dial numbers.		
Start time: Stop time:	Use the default Start/Stop times shown on the Programming Record or assign new times for Service Modes.	
System speed dial A sub-heading for a programming section that lets you assign up to 70 2-digit speed dial numbers that can be dialed from Norstar telephones.		
System Data A sub-heading for a programming section that lets you re-assign a telephone's interchange the lengths of all internal numbers and of Received numbers.		
System Version	A sub-heading for a programming section that informs you of the system version.	
Time and date A sub-heading for a programming section that lets you set the system's clock.		
Trunk/Line Data	nk/Line Data A sub-heading for a programming section that lets you program physical trunks in Trunk Data. Program physical trunk lines in Line Data programming.	
Transfer callback Assign the number of times that a call you transfer is allowed to ring before the call returns to your telephone. Default is 3 rings.		
Trunk answer Set Trunk answer to Yes to allow external calls to be answered by any telephone, regardless of where the call rings.		
Trunk data	A section of programming that lets you program settings for physical trunk lines only.	
User filter Enter a two-digit filter number to temporarily replace the Set filter or Line/set filter assigned to this telephone. The default (Deflt) allows'a filter programmed previously to continue to apply.		
VMsg center tel#s Program the telephone numbers required to access up to five different Voice Message Centers using the callback function of the Message Waiting feature (providing you have subscribed to Obisplay services).		
VMsg tei#s -> iines	Program which of the five Voice Message Centers are to be accessed by each specific line. Valid settings are Voice Message Center 1, 2, 3, 4, 5, and None. The default setting for all lines is Voice Message Center 1.	

None

Programming defaults

A. Configuration

1. Trk/Line Data (p. 7)

Show line: _____ Trunk data

Dial mode	Pulse
	Tone
Full AutoHold	Y N

Line data

Line type	Pub	lic
	Private to:, P	ool
Prime set		21
	(any DN), No	ne
Aux. ringer	Y	N
Auto privacy	Y	N

2. Line Access (p. 8)

Show set: _

Line assignment
01 , 02 , 03, 04, 05, 06
ADD or REMOVE line
Answer DNs No Answer DNs
Add DN
Ringing (All assigned Trunk
lines) Ring
No Ring
Line pool (A-C) access Y N
intercom keys 2, 1, 0
Prime line None
Pool A to C, 01 to 06, I/C

3. Call Handling (p. 3)

5. Odii i idiidii ig (p. 5)	
Held line reminder Y	Ν
Remind delay (if HLR=Y)	
30, 60, 90, 120, 150, 1	80
DRT to prime Y	Z
DRT delay (if DRT = Y)	
1, 2, 3, 4, 6,	10
Trnsfr callbk	
3 , 4, 5, 6,	12
Park prefix	
0, 1 , 2, 3, 4, 5, 6, 7, 8, 9, No	one
Park timeout 30, 45,	60,
90, 120, 150, 180, 300,	600
Camp timeout	
30, 45 , 60, 90, 120, 150,	180
Directd pickup Y	Ν
On hold Tor	nes
Music, Siler	nce

4. Miscellaneous (p. 3)

Backgrnd music Y N
Direct-dial #
0 , 1, 2, 3, 4, 5, 6, 7, 8, 9, N
Link time 100, 200, 300, 400,
500, 600 , 700, 800, 900, 1000
Set relocation Y N
Host delay 200, 400, 600, 800, 1000 , 1200, 1400, 1600, 1800, 2000
External code
0,1, 2, 3, 4, 5, 6, 7, 8, 9, (blank)
Line pool codes (Pools A to C)
1 'to 4 valid digits
Installer pswd.

System Data	(p. 3)	
Individual DNs	Old_	New_

B. General admin

1. Sys speed dial (p. 4)

(24 digits)		#01 to #70
Number	No nur	nber stored
Line		Prime
	Line #	Pool code
Display dig	jits	ΥN
Name	Sys	Spd Dial #
	max. 1	6 characters
Bypass res	str'n	ΥN
2 Names	(nn 7 s	5/

2. Names (pp. 7, 8)

Set	names	max. 7 characters
Line	names	max. 7 characters

3. Time and date

4. Direct-Dial (p. 4)

Set1:	21
	None, DN

5. Capabilities (pp. 5, 7, 8) <u>Dialina filters</u> Show filter:_

Filter 00	No restriction
Filter 01	
Restr'n	Excpt'n
01 0	
02 1	001 1800
	002 1555
	0 0 3 1•1•555
	004 1 I 0*555
a3 911	001 911
04 411	
05 9 7 6	
Filters 02 to 24	No restriction

Set abilities

set:

Set filter	02
Line/set filters	None
Show line: _	
Set lock	None
	Full, Partial
Full handsfree	ΥN
Auto handsfree	ΥN
HF answerback	ΥN
Pickup group	NO
	1 to4
Paging	ΥN
Page zone	1
	2, 3, NO
Aux. ringer	ΥN
Direct-dial:	Set1
	None
Forward on busy	
	ard to: None
Forward no answr	
Forw	ard to: None

Forward delay: 2, 3, 4, 6, 10

None Intrnl, Extrnl

Y N

Receive tones Hotline

Priority Call

<u>Line abilities</u>

Show line:

0.1011 1.1101	
Line filter	03
COS oasswords	
Show password: _	

Pswd	None
User fltr:	Deflt
Line fltr:	Deflt

6. Service Modes (p. 6)

Control sets

Set 2	1

Name 1

Name:	Night
Change:	(7 characters)
Setting	Manual
	Off Auto
Start (if setting is A	Auto) 23:00
Stop (if setting is A	Auto) 07:0 0
Trunk answer	YN
Extra-dial set	21
Show line: _	
Ringing Sets	21
Aux. ringer	ΥN

Name 2

11 4 111 0 2	
Name:	Evening
Change:	(7 characters
Setting	Manual
	Off' Auto
Start (if setting is	Auto) 17:00
Stop (if setting is	Auto) 23:00
Trunk answer	ΥN
Extra-dial set	21
Show line:	21 Y N

Name 3

Name:	Lunch
Change:	(7 characters)
Setting	Manual
	Off Auto
Start (if setting is	Auto) 12:00
Stop (if setting is	Auto) 13:00
Trunk answer	ΥN
Extra-dial set	21
Show line:	
Ringing Sets	21
Aux. ringer	YN

7. Password (p. 6)

Default:	ADMIN or 23646
Change:	(6 characters)

8. Log Defaults (p. 6) Reset all logs

Space/Log:

9. Call Services (pp. 6, 7, 9) Auto Call Info

Show line:

Auto Call Info	None
Set services	-
Show set:_	
Autolog/ShowVMsg	
For each line assigne	ed:
Logging set:	ΥN
Show extl VMsg:	ΥN
Log space	
Log:	0
Pool:	160
Log passwrd:	None
1stDisplay:	Name
' '	Numbr Line
VMsq centr tel#s	
VMsq center 1 to	

Show line:

VMsg center 5:

VMsq tel#s-> lines

VMsg Centr:					1
· ·	2	3	4	5	Ν

C. Set copy

Copy: SYSTEM data	
Copy: SYSTEM + USER	

D. System Version

SP: XXXXXXXX DRX

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