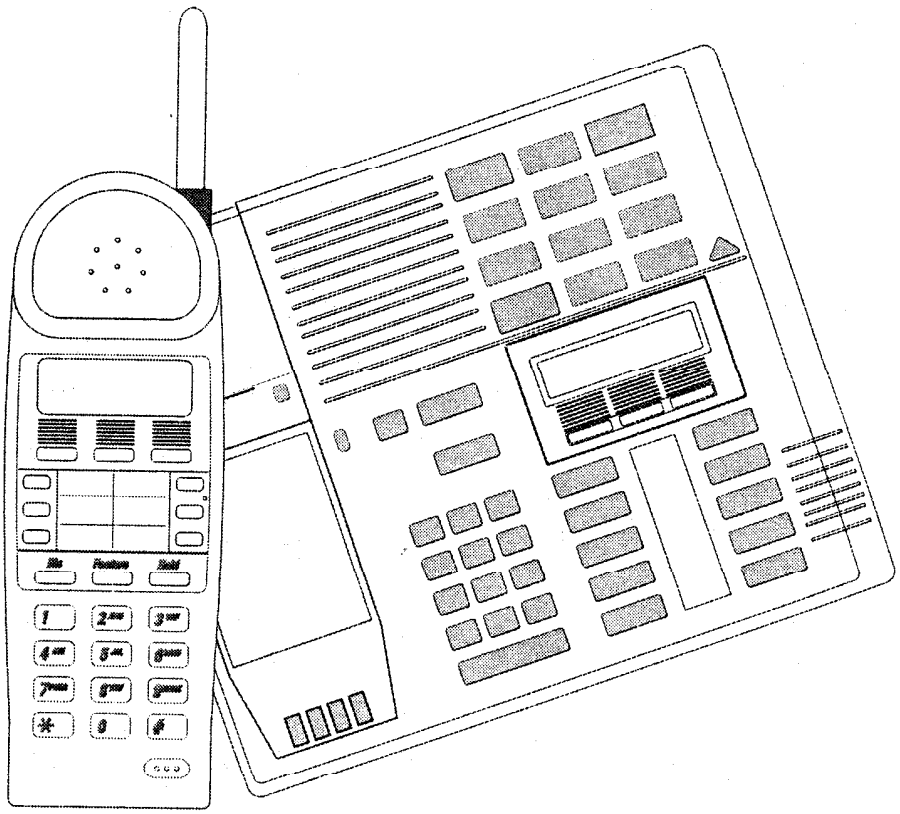
NORTEL NORSTAR

M7410 Cordless Telephone User Guide



NORTEL
NORTHERN TELECOM

Important Information

Before using the M7410 Cordless Telephone please read the following.

This unit contains a Rechargeable Nickel-Cadmium battery:

- Proper installation and charging procedures for the M7410 battery pack is required.
- Please read the "**M7410 Battery Pack Charging**" section in this guide thoroughly.
- The rechargeable battery pack must be fully charged before using the M7410 handset for the first time.
- It will take approximately two hours and 45 minutes to charge a standard 700 mAh battery pack. This includes a half hour of conditioning charge time for the battery pack in the M7410 base battery port.

WARNING:

- The battery will explode if disposed of in a fire.
- Do not short circuit the battery.
- Do not charge the battery with any charger other than the one supplied with this equipment.

Recycling Nickel-Cadmium batteries

NICKEL-CADMIUM
BATTERY
MUST BE DISPOSED OF
PROPERLY.

Nickel-Cadmium batteries are recyclable. You can help preserve our environment by returning your unwanted batteries to your nearest recycling center for recycling or proper disposal. Do not dispose of in office or household waste.

Phone 1-800-8-BATTERY to locate a Battery Recycling Center near you.

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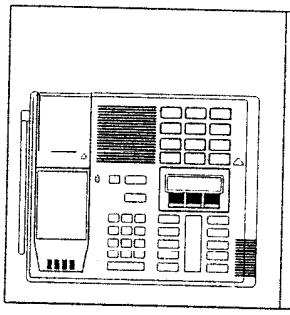
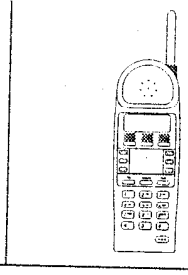
About your M7410 Cordless Telephone

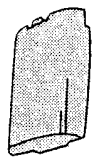
Along with this guide, the following items are included with the M7410 Cordless Telephone (CT).



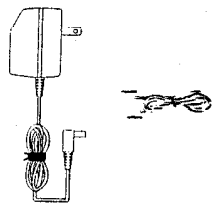
Base



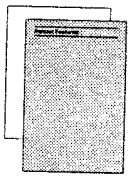
Handset



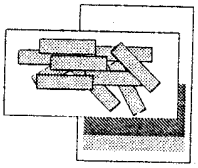
Battery pack 700 mAh



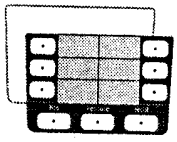
Power adapter and telephone cord



Norstar feature card and plastic lens



Button caps and labels

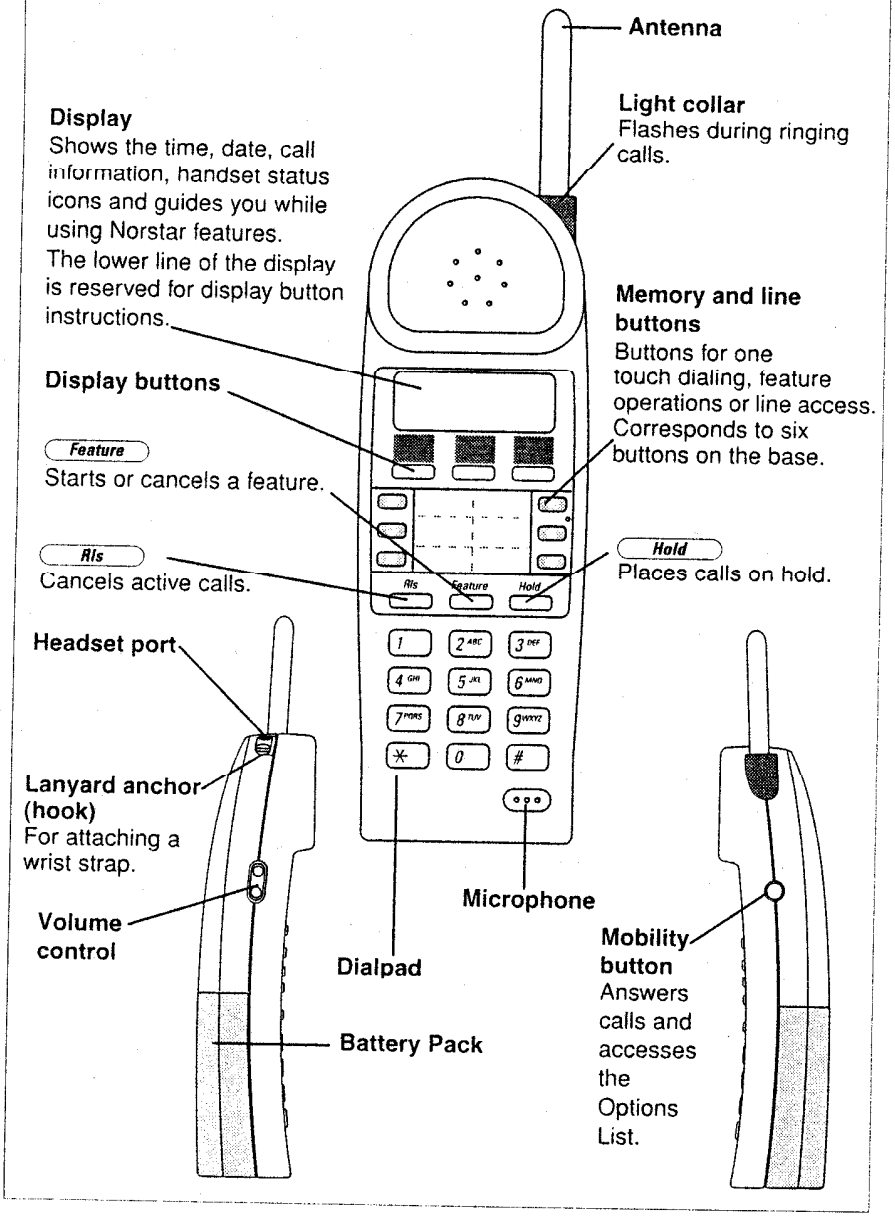


Three handset cards and one plastic lens

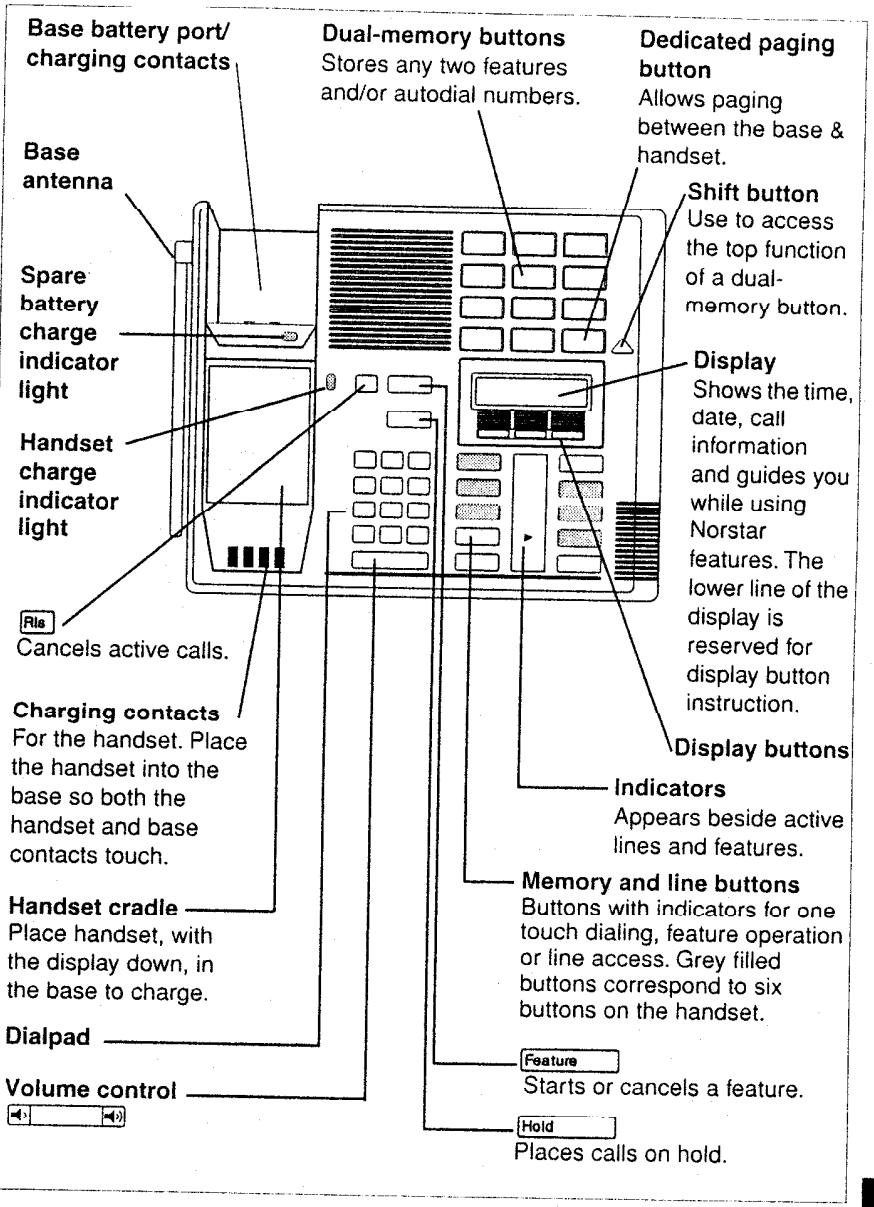
Belt clip

Wrist strap

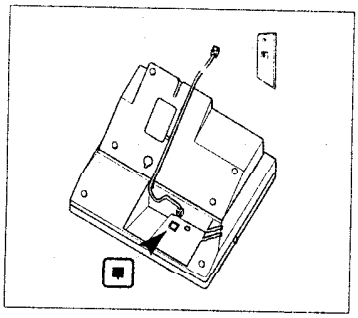
Handset


Antenna
Light collar
Flashes during ringing calls.
Display
Shows the time, date, call information, handset status icons and guides you while using Norstar features.
The lower line of the display is reserved for display button instructions.
Memory and line buttons
Buttons for one touch dialing, feature operations or line access. Corresponds to six buttons on the base.
Display buttons
Feature
Starts or cancels a feature.
Rls
Cancels active calls.
Hold
Places calls on hold.
Headset port
Lanyard anchor (hook)
For attaching a wrist strap.
Volume control
Dialpad
Microphone
Battery Pack
Mobility button
Answers calls and accesses the Options List.

Base

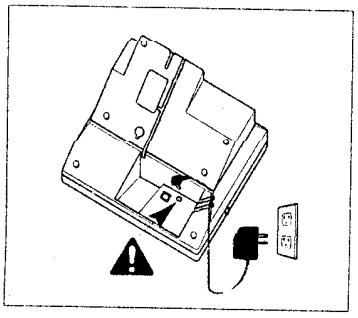

Base battery port/ charging contacts
Dual-memory buttons
Stores any two features and/or autodial numbers.
Dedicated paging button
Allows paging between the base & handset.
Base antenna
Shift button
Use to access the top function of a dual-memory button.
Spare battery charge indicator light
Display
Shows the time, date, call information and guides you while using Norstar features. The lower line of the display is reserved for display button instruction.
Handset charge indicator light
Rls
Cancels active calls.
Charging contacts
For the handset. Place the handset into the base so both the handset and base contacts touch.
Display buttons
Indicators
Appears beside active lines and features.
Handset cradle
Place handset, with the display down, in the base to charge.
Memory and line buttons
Buttons with indicators for one touch dialing, feature operation or line access. Grey filled buttons correspond to six buttons on the handset.
Dialpad
Feature
Starts or cancels a feature.
Volume control
Hold
Places calls on hold.

M7410 Base Installation



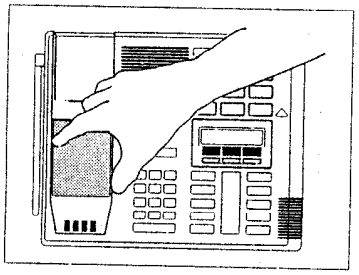
Connect the telephone cord

1. Route the cord out from under the base using the cord channel.
2. Plug the cord into a telephone jack.



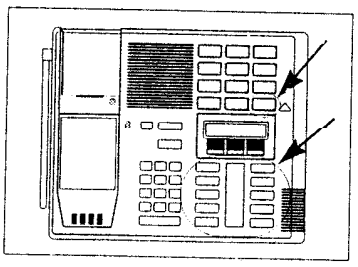
Connect the power adapter

1. Plug the small end of the power adapter into the back of the base.
2. Plug the power adapter into a working electrical outlet.



Insert the Norstar feature card

1. Insert the Norstar feature card into place.
2. Cover the Norstar feature card with the plastic lens.



Insert button caps and labels

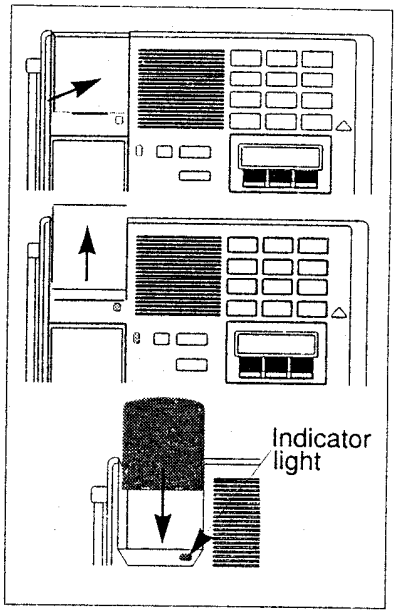
1. Insert the appropriate button caps on the M7410 base buttons as required.
2. Place the page handset label on the dedicated page button.

M7410 Battery Pack Charging

First Time charging

The rechargeable battery pack must be fully charged before using your M7410 handset for the first time. First time charging consists of:

- charging a battery pack in the M7410 base battery port for a half hour,
- installing a battery pack into the M7410 handset,
- charging a battery pack in M7410 handset for two hours and 15 minutes.

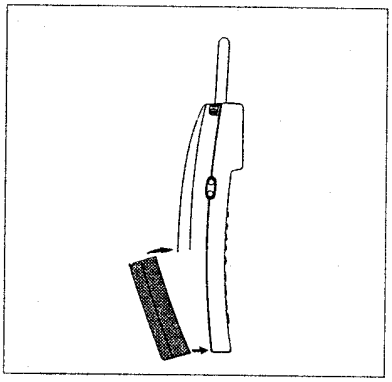


Charging a battery pack on the base battery port

The M7410 base battery port can be accessed by removing the battery port cover.

1. Gently press down on the cover.
2. Slide the cover out.
3. Slide the battery pack into the battery port. Ensure that battery pack and base contacts touch.
4. The amber battery port indicator light will turn on when contact is made.

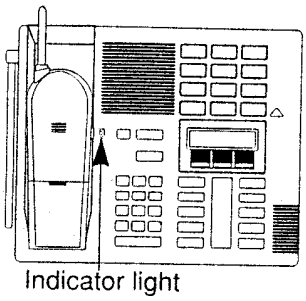
Remove the battery pack from the base battery port when a half hour of charging time has occurred.



Installing a battery pack into the handset

1. Place the bottom of the battery pack into position.
2. Snap the top of the battery pack into place.

M7410 Battery Pack Charging



Charging begins as soon as the handset is placed in the base.

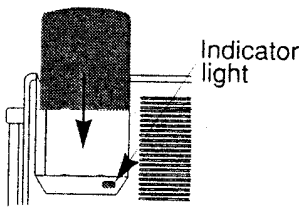
Charging a battery pack in the handset

1. Place the handset into the base with the display facing down. Ensure that handset and base contacts touch.
2. The handset charge indicator light will turn on. When the battery pack is charging, the indicator light will be red.

When the battery pack is fully charged, the indicator light will turn green. The battery pack will be fully charged in approximately two hours and 15 minutes.

Charging spare battery packs

Spare (optional) battery packs are charged in the base battery port.

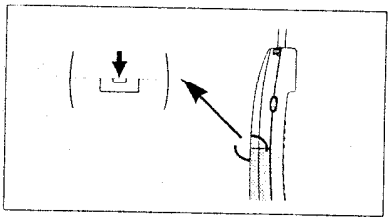


The indicator light does not turn off when the spare battery pack is fully charged.

1. Slide the spare battery pack into the battery port. Ensure that battery pack and base contacts touch.
2. The amber battery port indicator light will turn on and remains on when contact is made.

The spare battery pack will be fully charged in approximately 16 hours.

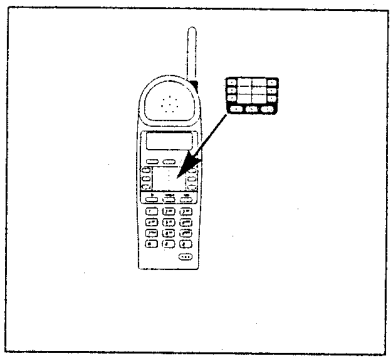
It is a good practice to exchange the handset battery pack regularly (once a week) when you have a second (spare) battery pack.



To remove the battery pack

1. Press in on the battery pack tab.
2. Pivot the battery pack out.

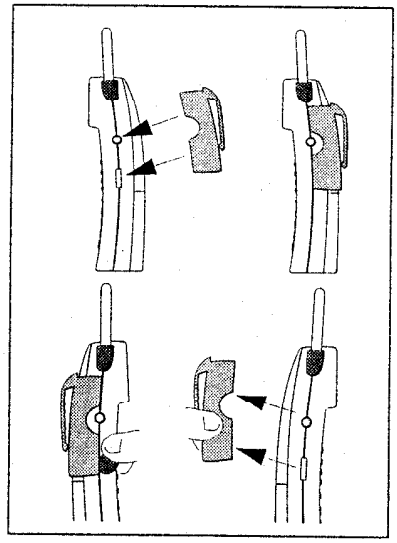
M7410 Handset Accessories



The handset card

You can write names or numbers on the handset card for six buttons on the handset. Refer to **"Handset Button Mapping"** on page 8 for more information.

1. Insert the handset card into place.
2. Cover the handset card with the plastic lens



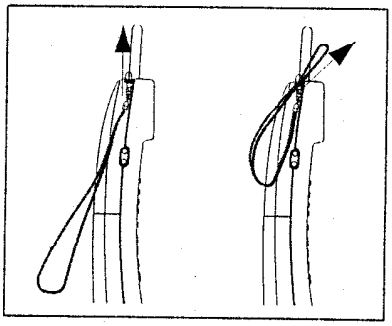
The belt clip

The belt clip allows you to carry the handset without holding it in your hands.

1. Line up the side tabs of the belt clip into the notches on the sides of the handset.
2. Snap the belt clip into place.

To remove the belt clip:

1. Use a small coin to release the side tabs of the belt clip from the notches on each side of the handset.
2. Remove the belt clip by pulling it directly off the handset.



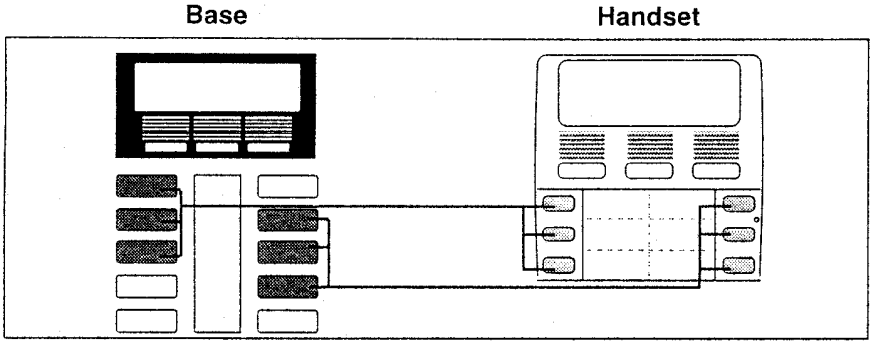
The wrist strap

The wrist strap can be attached to the handset for easy carrying.

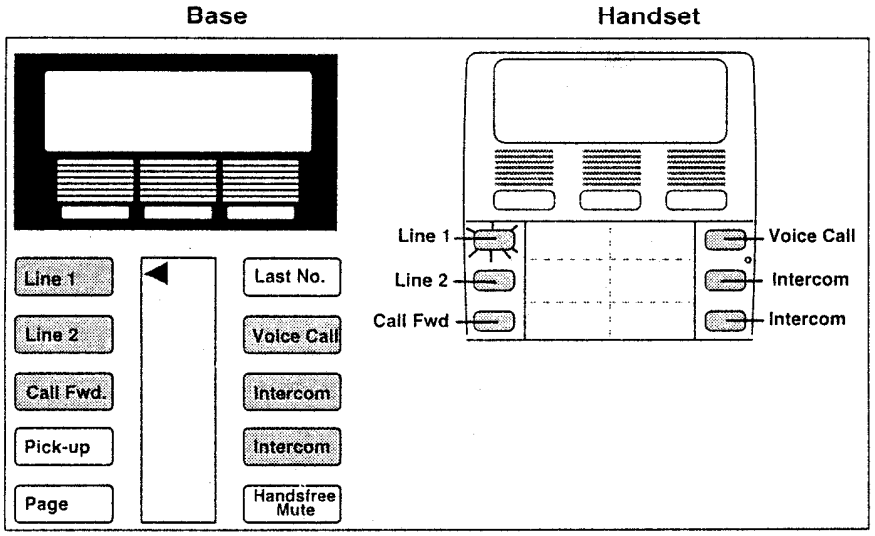
1. The loop of the wrist strap is placed through the hook on the side of the handset.
2. Place the other end of the wrist strap through the loop.

Handset Button Mapping

Handset buttons will always reflect the programming of six buttons on the base. These six buttons on the base are shown in grey in the illustration below.



See below for a mapping example of button assignments for the base and handset.



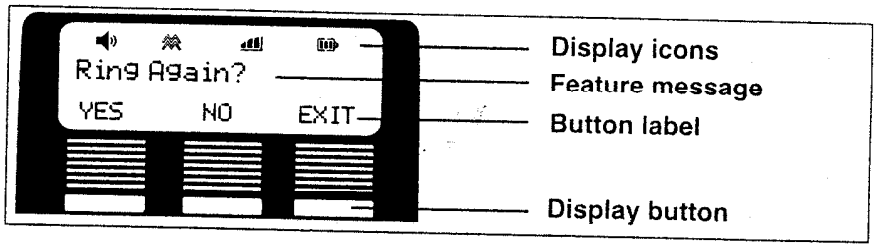
An indicator (◀ or ▶) will appear beside the button on the base when a line or feature is active. With the handset, buttons will light up when a line or feature is active.

Note: When a button assignment is changed on the base or handset, the corresponding handset or base button will automatically be updated.

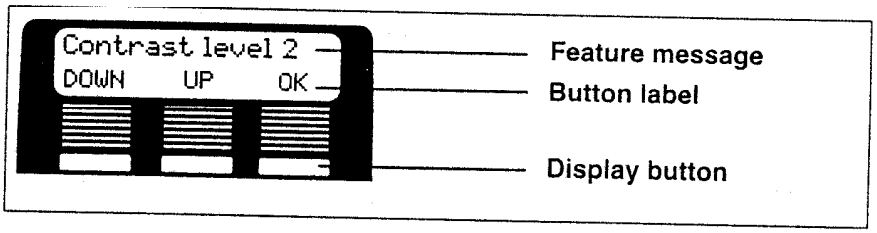
Display Buttons

Both the handset and base have three display buttons. Display buttons perform many functions with each feature you use. Display button labels appear in capital letters on the bottom line of the display.

Handset



Base



Button Inquiry

Use the Button Inquiry feature to determine button programming for the handset and base.

Handset

1. Press Feature * 0.
2. Press the button(s) you want to check and read the display.
3. Press Feature or Rls when finished.

Base

1. Press Feature * 0.
2. Press the button(s) you want to check and read the display. Confirm memory and line buttons on the base have the correct snap-on button caps.
3. Press Feature or Rls when finished.

Handset Power

Recharging

Recharging begins as soon as the handset is placed into the base.

Low battery

When your battery pack begins to get low, you will be alerted with handset warning tones.

A tone will be heard every 45 seconds, letting you know you should recharge soon (you'll still have five to 10 minutes of talk time after the message first appears).

The handset display shows a `Battery is low` message and the battery icon will flash.

✳Tip:

— Press the OK display button on the handset to disable the tone.

Your call will be automatically put on **Hold** after 20 seconds when the battery pack runs out. You must retrieve the held call from the base.

To recharge the battery pack, place the handset in the base, with the display facing down. Ensure that the handset and base contacts touch.

To fully recharge the battery pack, leave the handset in the base until the handset charge indicator light is green.

Battery Indicator lights

Red - battery is charging

Green - battery is fully charged

Battery levels

You will see the following icons for the battery level on your handset display.

Indicates battery pack is fully charged.

Indicates battery pack is 2/3 charged.

Indicates battery pack is 1/3 charged.

You can talk continuously for up to five hours on the handset with a fully charged 700 mAh battery pack.

✳Tips:

— For better performance, let the battery pack completely run down before recharging. This will lengthen the life of the battery pack.

— A fully charged battery pack will have a standby time of approximately 60 hours.

You must rotate the base antenna in a vertical position when you are using the handset.

The M7410 is equipped with an Automatic Channel Selection feature. The handset display shows a Scanning message when the M7410 is searching for a new channel.

If interference is detected, the handset display shows a Interference message and the M7410 automatically searches for a new channel with no interference.

Handset Signal strength

You can monitor the handset signal strength while moving to different locations. You will see the following icons on the handset display.

Full strength

Half strength

Low strength

Out of range Icon will flash on the display.

When you move too far from the base, the following will occur on the handset:

— Signal strength icon will flash.

— Scanning and Out of range messages will appear.

— A warning tone will be heard every 15 seconds.

✳Tip:

— Press the OK display button on the handset to disable the tone.

When the signal strength is weak, move back into range to stop handset display messages and warning tones.

If you go completely out of range during an active call, the call will automatically be placed on hold. Refer to **"Holding calls"** on page 14 for more information.

Retrieve a held call by selecting the flashing line button when you are back in range.

Handset Sleep mode

The handset automatically goes into **Sleep mode** to conserve the battery when it has been idle for more than 90 seconds. The handset display shows a Handset asleep message.

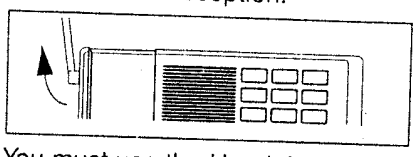
Incoming calls or pages automatically wakes up the handset from the **Sleep mode**.

✳Tip:

— When the handset is asleep, all display icons and indicators are automatically turned off (disabled).

— Press the WAKE display button on the handset to also wake up the handset.

Always ensure that the base antenna is in a vertical position for the best radio reception.



You must use the Handsfree/Mute button when placing calls from the base.

The [Handsfree Mute] button operates the base's built-in microphone and speaker. Your System Coordinator must program Handsfree and Intercom capabilities to your base.

Norstar systems can have different types of line buttons for making calls.

Internal calls

Internal calls are placed using intercom and extension buttons. Internal numbers are supplied by your System Coordinator.

Making an internal call

Handset

1. Press an intercom or extension button.
2. Dial an internal number when the button lights up.
3. Press [Rls] to end the call.

Base

1. Press an intercom or extension button.
2. Press [Handsfree Mute].
3. When ▶ or ◀ appears beside the button, dial an internal number.
4. Press [Rls] to end the call.

***Tip:**

— Intercom buttons on the base will have an [Intercom] button cap.

External calls

External calls are placed using line and extension buttons.

Making an external call using line buttons

Handset

1. Press a line button.
2. When the button lights up, dial an external number.
3. Press [Rls] to end the call.

Base

1. Press a line button.
2. Press [Handsfree Mute].
3. When ▶ or ◀ appears beside the button, dial an external number.
4. Press [Rls] to end the call.

***Tip:**

— Numbered line buttons on the base will have a [Line] button cap.

Making an external call using extension buttons

Handset

1. Press an extension button.
2. When the button lights up, dial 9 (or your system's external line access code) and the number.
3. Press Rls to end the call.

Base

1. Press an extension button.
2. Press Handsfree Mute.
3. When ▶ or ◀ appears beside the button, dial 9 (or your system's external line access code) and the number.
4. Press Rls to end the call.

Muting calls on the base

The base's built-in microphone can be turned OFF.

When the microphone is muted (OFF), your caller will not be able to hear you until you turn the microphone ON.

Using mute

1. While on a call at the base, press Handsfree Mute to turn the microphone OFF.
2. Press Handsfree Mute again to turn the microphone ON.
3. Press Rls to end the call.

Answering calls

Incoming calls will ring at the base and handset when the handset is out of the cradle.

When the handset is in the cradle, only the base will ring.

Note: When the base is locked, only the handset will ring. Refer to **"Base lockout"** on page 20 for more information.

Answering calls on the handset

To answer a ringing call at the handset:

1. Press the ❍ ***Mobility button*** on the side of the handset or press the flashing button.
2. Press Rls to end the call.

✳Tip:

— If a call comes in while the handset is in the base, picking up the handset automatically answers the call; returning the handset to the base automatically disconnects the call.

Answering calls on the base

To answer a ringing call at the base:

1. Press the ringing button or Handsfree Mute.
2. Press Rls to end the call.

Holding calls

Calls that are put on hold can be picked up by the base or handset.

Simply press the appropriate button on the base or handset to retrieve the held call.

Calls are placed on hold automatically when you switch from one line to another.

Note: When the base is locked, only the handset can place calls on hold. Refer to **"Base lockout"** on page 20 for more information.

Holding calls on the handset

1. While on a call, press Hold. The line button will flash.
2. To retrieve a held call, press the flashing button.
3. Press Rls to end the call.

Holding calls on the base

1. While on a call, press Hold. The ▶ flashes beside the line on hold.
2. To retrieve a held call, press the line button with the flashing ▶.
3. Press Rls to end the call.

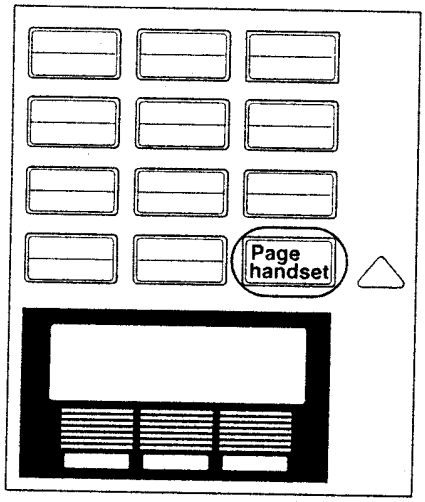
Base Only

Paging the handset

Paging calls can be made between the base and handset. This feature is useful for locating the handset.

To page the handset:

1. Press the dedicated Page button on the base.



2. The handset will ring.
3. Press Rls to end the call.

✳Tip:

— You can page the base from the handset as well. Refer to **"Page base"** on page 21 for more information.

Display contrast

You can choose different contrast levels for your base display.

1. Press Feature * 7.
2. Press UP or DOWN for the level you want.
3. Press OK when finished.

Note: Display contrast is not available on the handset.

Selecting a ring type and volume level

You can choose one of four ring types for your base.

1. Press Feature * 6.
2. Press NEXT to hear the different types of rings.
3. While the telephone is ringing, press ◄ ► to adjust the volume.
4. Press OK to store the ring type and volume.

About Norstar Features

Contact your System Coordinator for information on all available Norstar feature codes and their operations.

Some of the most common Norstar Feature codes are:

Background Music
Feature 8 6

Button inquiry
Feature * 0

Call Forward
Feature 4

Conference
Feature 3

Do Not Disturb
Feature 8 5

Last Number Redial
Feature 5

Messages
Feature 1

Ring Again
Feature 2

Transfer
Feature 7 0

Voice Call
Feature 6 6

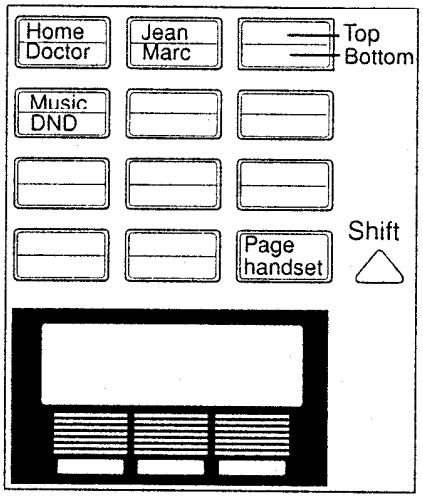
Memory Buttons

There are two types of memory buttons: dual-memory and single-memory.

Memory buttons store telephone numbers or feature codes to give you one touch dialing or feature activation.

Dual-memory buttons

Dual-memory buttons are only available on the base.



To use the bottom function, press the dual-memory button.

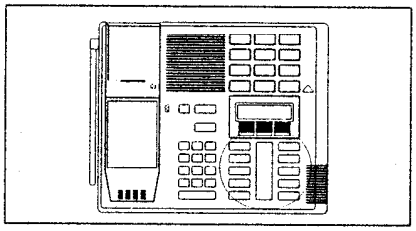
To use the top function, press the shift button, then press the dual-memory button.

Note: The Page handset feature is dedicated to the top and bottom of the assigned dual-memory button.

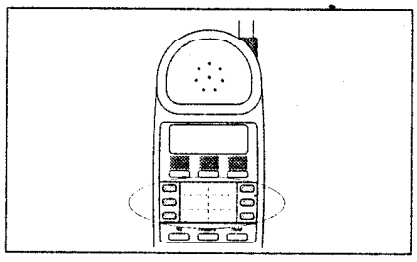
Single-memory buttons

Single-memory buttons are available on the handset and base.

Single-memory buttons on the base are the buttons with indicators other than Intercom, Handsfree/Mute or line buttons.



Single-memory buttons on the handset are the buttons other than Intercom or line buttons. Refer to **"Handset Button Mapping"** on page 8 for more information.



Remember: Press Feature * 0 to check a memory or line button.

Memory Buttons

Programming memory buttons

External autodial

Base

1. Press Feature * 1 on the base.
2. Press a memory button.
3. Dial the external number.
4. Press OK to store the number.
5. Label your new button.

Handset

1. Press Feature * 1 on the handset.
2. Press a memory button.
3. Dial the external number.
4. Press OK to store the number.

Internal autodial

Base

1. Press Feature * 2 on the base.
2. Press a memory button.
3. Dial the internal number.
4. Label your new button.

Handset

1. Press Feature * 2 on the handset.
2. Press a memory button.
3. Dial the internal number.

Features

Base

1. Press Feature * 3.
2. Press a memory button.
3. Press Feature and the feature code.
4. Label your new button.

Handset

1. Press Feature * 3.
2. Press a memory button.
3. Press Feature and the feature code.

✳Tip:

— On the base, press the shift button then a dual-memory button to store an external, internal autodial or feature on the top function of the dual-memory button.

Erasing memory buttons

Base

1. Press Feature * 1.
2. Press the memory button you want to erase.
3. Press OK to erase the button.

Handset

1. Press Feature * 1.
2. Press the memory button you want to erase.
3. Press OK to erase the button.

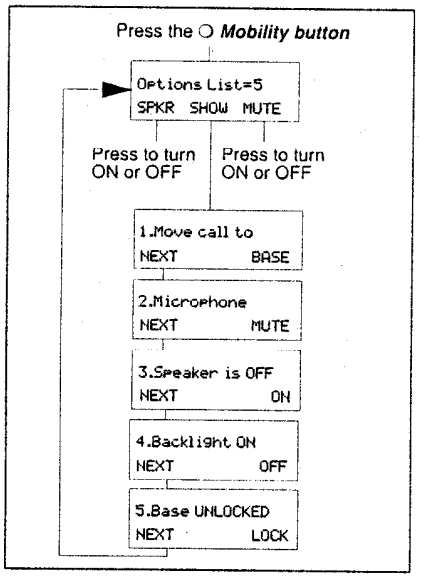
Customizing your Handset

You can customize some of the handset features according to your personal preferences.

To customize your handset, use the ❍ ***Mobility button*** to access the Options List.

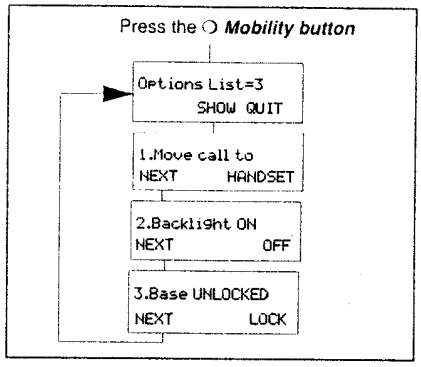
The Options List

The following options are available while you are on a handset call (active call).

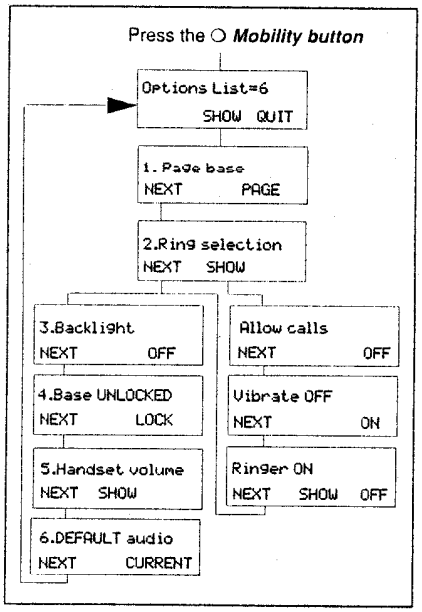


Note: Only three options are available in the Options List when the handset speaker is enabled (ON). Refer to **"Speaker On/Off"** on page 22 for more information.

The following options are available at the handset when you are on a handsfree call at the base.

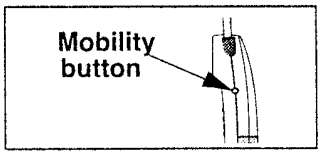


The following options are available when the handset is not in use (idle).

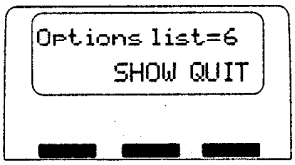


Moving through the Options List

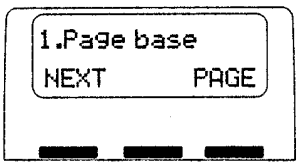
— On the side of the handset press the ○ ***Mobility button*** to access the Options List.



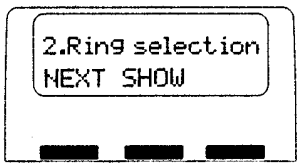
— The top level of the Options List will appear.

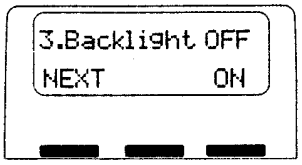


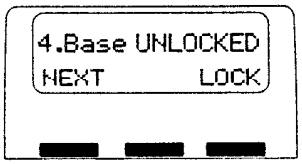
— Press the SHOW display button to access the first option in the list.

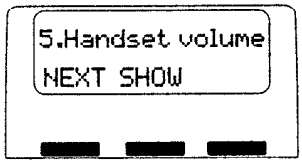


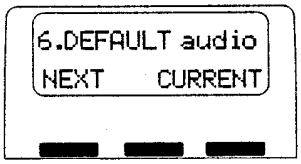
— Press the NEXT display button to move through the list of options, **or**
enter the number of the option (1 to 6) you wish to access.











— Follow the instructions on the display and press the appropriate display button to change any of the features.

— Press * to move backwards through the Options List.

— Press the ○***Mobility button*** again to exit the list.

Review the following three pages for more information on each option. Handset options are presented in alphabetical order.

Allow calls On/Off

You can accept or block calls from ringing at your handset and base using the Allow calls feature.

When you receive a call and the Allow calls feature is OFF, line buttons and the light collar will flash but the call will not ring.

✳Tip:

— Do not disturb will appear on both handset and base displays when the Allow calls feature is disabled (OFF).

Audio level

You can set a new audio volume level for the handset.

You can choose whether the volume level of the handset will return to the assigned default level when a call is ended or placed on hold, or whether it will remain at the current volume level being used on the handset.

✳Tip:

— This feature is useful if you are frequently adjusting the listening volume for calls.

Backlight On/Off

Your handset display has a backlight that is helpful in low light conditions.

You can conserve the battery by turning the backlight display OFF when it is not required.

✳Tips:

— The battery talk time is reduced with the continuous use of the backlight.

— The backlight automatically turns off when the handset has been idle for more than 45 seconds.

Base lockout

You can lock the base to prevent unauthorized access. Calls cannot be answered or placed from the base when the handset is not in the base and the base is locked. Only handset/base paging is allowed.

Note: Base lockout automatically turns off (unlocks) when a call is transferred from the handset to the base. Refer to **"Move call to base"** on page 21 for more information on transferring calls from the handset to the base.

✳Tip:

— When the base is locked, calls will not ring at the base.

Handset ringer

You can choose one of five distinctive ring types or turn OFF the ringer for your handset. This makes it easier to identify your handset in an open office.

Note: Short ring is a special ring type for the M7410 handset (not available on the base). Calls will

only ring once when the Short ring type is ON.

The handset ring type can be different or the same as the base.

✳Tip:

— Feature ✳ 6 can also be used to set your handset ring type.

Handset volume

You can set the volume at which your handset rings. The handset ring volume can be different or the same as the base.

✳Tip:

— Feature ✳ 8 0 can also be used to change your handset ringing volume.

Microphone On/Off

The handset microphone can be turned OFF to prevent your caller from hearing background noise or office conversations.

When the microphone is muted (OFF), your caller will not be able to hear you until you turn the microphone ON.

✳Tips:

— The microphone automatically defaults to ON when the call is placed on hold or released.

— If you are on a call and press the ○ ***Mobility button***, a MUTE display button will appear on the top level of the Options List.

Move call to base

The move call to base feature lets you transfer a call from the handset to the base.

When the move call to base feature is invoked, the handset display shows a `Call is moved` message and the call is redirected to the base in the Handsfree mode.

✳Tip:

— Using the move call to base feature unlocks the base.

Move call to handset

The move call to handset feature lets you transfer a call from the base to the handset.

When the move call feature is invoked at the handset, the base display shows a `Call is moved` message and the call is redirected to the handset.

Page base

Paging calls can be made between the handset and base. This feature is useful when you are away from the desk and need to speak to a co-worker in your office area.

From the base, your co-worker can choose to block or answer the paging call.

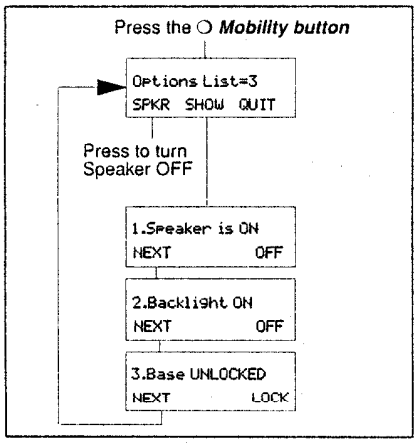
Speaker On/Off

The handset speaker can be used to listen to a call or voice mail without holding the handset to your ear.

When the speaker is enabled (ON), your caller will not be able to hear you until you turn the speaker OFF.

A speaker icon ◄)) appears on the handset display when the speaker is enabled (ON).

The following options are available when you are on a handset call with the speaker enabled (ON).



✳Tips:

— The speaker automatically defaults to OFF when the call is put on hold or released.

— The battery talk time will be reduced when playing Background Music (Feature 8 6) through the handset speaker.

— If you are on a call and press the ○ ***Mobility button***, a SPKR display button will appear on the top level of the Options List.

Vibrate On/Off

The Vibrate ON/OFF feature (Vibratory alert) is available when the handset is equipped with an optional battery pack that contains a vibratory motor.

When this feature is enabled (ON), the handset will vibrate for up to 30 seconds when you receive a call. You can have the Vibrate enabled with the handset audible ringer ON or OFF. Refer to **"Handset ringer"** on page 20 on turning the audible ringer OFF.

A vibratory alert icon ⩙ appears on the handset display when the vibrate is enabled (ON).

✳Tip:

— This feature is useful when you are at a meeting. Your handset will vibrate, the handset light collar and line button will flash, alerting you to an incoming call with or without the handset ringing.

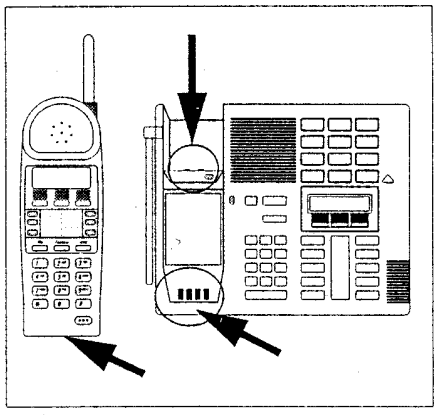
There are four battery pack models available with a vibratory motor for the M7410. Refer to **"Optional Accessories"** on page 24 for more information.

Helpful Hints

If you are having a problem with your M7410 Cordless Telephone, please review the following helpful hints. Contact your System Coordinator if the problem persists.

Problem	Possible Cause(s)	Suggestion(s)
Charge light for the handset won't come on when handset is placed on the base unit.	Handset and base charging contacts are not touching. Power adapter is not plugged into the base.	Ensure the handset is properly placed in the base unit and the power adapter is plugged into the base.
Warning tones are heard. The handset display shows `Battery is low` and the battery icon flashes.	Battery pack is not charged sufficiently.	Recharge the battery pack. Ensure the handset is properly placed in the base unit.
Warning tone is heard. The handset display shows `Out of range` or `Scanning` messages and the signal strength icon flashes.	Handset is out of range from the base unit.	Move back towards the base unit.

Cleaning battery contacts



It is important to clean all charging contacts on the handset and base to maintain a good charge.

Clean with a soft dry cloth. Do not use water or any other liquids or solvents.

Optional Accessories

The following optional accessories are available for your M7410. Contact your System Coordinator for more information on ordering these optional attachments.

Battery packs with vibratory motors

These battery packs allow you to use the vibratory alert option on the M7410 handset.

700 mAh battery pack

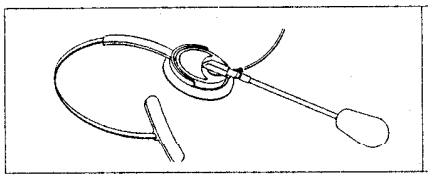
M7001-DA: Black
M7002-DA: Dolphin Grey
M7005-DA: Chameleon Grey (Ash)

1000 mAh battery pack

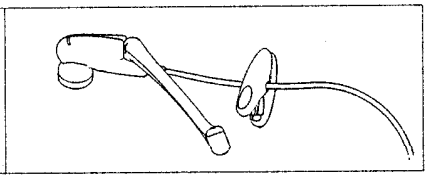
M7003-DA: Black
M7004-DA: Dolphin Grey
M7008-DA: Chameleon Grey (Ash)

Headsets

A headset offers you handsfree capabilities.



M7006-M: Monaural Headband

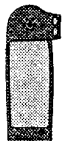


M7007-E: Earbud

Leather carrying cases

A leather carrying case gives you a convenient way to carry your handset around the office.

M7015-S: Standard model



M7020-C: Custom model

Note: You must remove the custom leather case from the handset when battery pack recharging is required.

Optional Accessories

Spare parts

The following parts can be ordered as spares for your M7410. Contact your System Coordinator for more information.

700 mAh battery pack

M7001: Black
M7002: Dolphin Grey
M7005: Chameleon Grey (Ash)

Belt clip

M7009: Black
M7010: Dolphin Grey
M7021: Chameleon Grey (Ash)

Wrist strap

M7016

1000 mAh battery pack

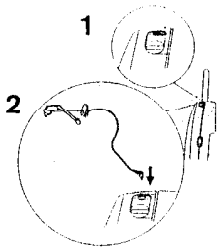
M7003: Black
M7004: Dolphin Grey
M7008: Chameleon Grey (Ash)

Power adaptor

M7011

About the headset

With an installed headset you can use the belt clip or leather case to carry the handset.



Headset Installation

1. Lift up and remove the rubber tab to expose the headset port.
2. Insert the headset jack into the headset port.

The handset microphone and earphone will be disabled when the headset is connected to the headset port.

When using the headset, use the ○***Mobility button*** to answer calls and to access the Options List to customize features.

When the headset is removed from the headset port, handset operation will be enabled automatically.

Specifications

Frequency band
902 to 928 MHz

Total channel capability
50 channels are available

Handset dimensions
Length: 170 mm (without antenna)

Width: 58 mm

Overall Thickness: 40 mm

Handset range
Typical range of 50 m, depending upon the physical environment.

Handset weight
280 g (with battery pack)

Battery Pack
Capacity: 700mAh, 3.6 V

Talk Mode: up to five hours (with backlight OFF)

Standby Mode: up to 60 hours

Base dimensions
Length: 218 mm

Width: 260 mm

Height (front): 26 mm

Height (rear): 82 mm

Base power
Input: 110 VAC, 60 Hz

Output:9VDC,500mA

Regulatory Information

Canadian Regulations

Refer to the System Installation Guide for regulatory information.

Note: This equipment may only be connected to the Host equipment (Norstar or Companion equipment) and may not be connected directly to the Public Switched Telephone Network (PSTN).

This device complies with Part 68 and Part 15 of the FCC Rules and ICES-003 and RSS-210 Canadian EMI requirements.

Operation is subjected to the following two conditions (1) This device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This device complies with Class A EMI requirements when connected to host equipment that meets Class A and Class B when connected to host equipment that meets Class B.

Privacy of communications may not be assured when using this phone.

Do not attempt to repair this equipment. If you experience trouble, call or write for warranty and repair information.

Nortel (Northern Telecom)
30 Norelco Drive,
Weston, Ontario, M9L 2X6
Canada

US Regulations

Federal Communications Commission (FCC) Notice

FCC registration number: This telephone equipment complies with Part 68, Rules and Regulations, of the FCC for connection to Host equipment (Norstar or Companion equipment) and may not be connected directly to the Public Switched Telephone Network (PSTN).

(The FCC registration number appears on a sticker affixed to the bottom of the telephone.)

Refer to the regulatory requirements as detailed in the System Installation Guide.

Do not attempt to repair this equipment. If you experience trouble, call or write for warranty and repair information.

Nortel (Northern Telecom)
640 Massman Drive,
Nashville, TN, 37210
USA

Hearing aids: This telephone is compatible with hearing aids equipped with an appropriate telecoil option.

Programming emergency numbers: When programming emergency numbers and/or making test calls to emergency numbers:

1. Remain on the line and briefly explain to the dispatcher the reason for calling before hanging up.
2. Perform such activities in the off-peak hours, such as early mornings or late evenings.

Regulatory Information

EMI/EMC (FCC Part 15)

Note: This device complies with Class A EMI requirements when connected to host equipment that meets Class A and Class B when connected to host equipment that meets Class B. Consult the System Installation Guide for the applicable compliance.

Privacy of communications may not be assured when using this phone.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

For Class A Host equipment

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a commercial environment

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

For Class B Host equipment

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Privacy of communications may not be assured when using this phone.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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