



Handset Buttons and Switches

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|----------------------|---------------------------------------|----------------|--|
| 1. TALK: | initiate, disconnect and receive call | 6. VOL: | change speaker volume when in use
(Normal/Medium/High/Loud) |
| 2. TRF: | transfer a call | | change ringer volume when idle
(Low/High) |
| 3. MUTE: | disable the handset transmit | 7. | Ringer Switch: specify ringer ON/OFF |
| 4. 0-9, *, #: | dial when off-hook | | |
| 5. CH: | change the transmitted channel | | |

NEC

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Cordless Handset



User Guide

NEC

Battery

Installation and Operation

- Remove battery from box
- Charge without interruption for 17.5 hours
- Remove cover from back of handset
- Plug battery into slot
- Be sure clip is facing up
- Tuck battery and exposed wires inside
- Replace cover firmly
- Insert handset into charging slot
- LED on base unit turns red during and after charging is complete
- Standard nickel-cadmium battery provides 4 hours talk time, 40 hours standby

Maintenance

- Locate contact point on handset and base unit
- Clean with pencil eraser or contact cleaner
- Repeat monthly to maintain a good charge

Note:

After continuous charging, battery can fail to charge/discharge due to memory effect. This is normal. To correct, operate handset until low battery tone sounds, auto shut-off occurs and the battery fully discharges. Charge battery without interruption for 17.5 hours. If battery still does not charge, replace it.

Low Battery

- When low in standby mode, LED will blink
- When low during handset call, alarm will tone and LED will blink
- Full operation may not be available
- Set handset onto base unit to recharge

Note:

Handset will not ring when battery is low.

Best Performance

Range

- Operates in 900Mhz Analog FM Spectrum, with voice scramble
- Install multiple base units at least 17 feet apart
- Optimum distance between handset and base unit is 30 - 100 feet — without obstructions, depending on environment
- RF line provided and recommended for best performance
- Handset utilizes 40 separate channels to communicate with base unit — allowing for up to 40 different users within a Base Station Range

Reception

- Shares frequency with several different types of devices — interference may be experienced
- Radio interference may cause interruption to conversation
- Moving handset while talking or relocating base unit may improve reception

Note:

If reception is lost completely during conversation mode, replace handset on base unit to resynchronize range; call is lost.

Out of Range

- Communication is halted for 30 seconds during conversation
- Handset will automatically search for and select a clear channel
- If none is found, an error tone will ring on handset when not on base station

Manual Channel Selection

If reception becomes garbled or static occurs, channels can also be manually changed.

- Press [“CH”] key during conversation to activate 3-channel semi-auto scan (MCA)
- While channel is changing, low battery LED will blink
- If channel not found, error tone will sound and channel will not change

Installation of Accessories

Installing Spring-Type Belt Clip

- Position clip, spring pointing up, to backside of handset
- Align four prongs on clip to four slots on handset
- Gently press clip to snap prongs into place

Installing Headset

- Pull back rubber cover from side of headset to expose connection port
- Insert 2.5mm connector of headset jack
- Replace rubber cover after use to ensure port cleanliness

Notes:

- 1. When headset is plugged in, handset speech path becomes disabled.*
- 2. Rubber cover need not be completely removed to use port.*

Operation

All operational instructions assume that these features are assigned to the DTP-16HC-1 Terminal: Prime Line Pickup to your Primary Extension and Ringing Line.

Receiving Calls

When receiving a call, handset rings and Message Waiting LED blinks rapidly in conjunction with base station LED. When handset is on base station, only the base station rings and Message Waiting LED blinks rapidly. When handset is in standby mode, both handset and

base station ring and Message Waiting LED blinks rapidly in conjunction with base station LED.

Note:

When [Ringer “ON/OFF”] switch is in “Off” mode, handset will not ring, but Message Waiting LED flashes.

Auto Talk Feature Switching

To change mode, press and hold [“TRF”] key while moving [Ringer “ON/OFF”] Switch from “Off” to “On.” When mode is changed, confirmation tone sounds: Auto Talk Off produces 3 beeps; Auto Talk On produces 2 beeps.

Note:

This feature only applies if telephone type allows for Prime Line selection when going off-book on that station.

Answering Calls with Auto Talk Off

- Lift handset from base unit
- Press any key
- Begin conversation
- At end of conversation, return handset to base station or press [“TALK”] key
- Call is disconnected

Answering Calls with Auto Talk On

- Lift handset from base unit
- Begin conversation
- At end of conversation, return handset to base station or press [“TALK”] key
- Call is disconnected

Notes:

- 1. [“TALK/BATTERY LOW”] LED*

flashes then remains lit as communication path is established between handset and base station.

- 2. The Auto Standby feature (no need to press [“TALK”] key to disconnect call) only applies when returning handset to base station.*

- 3. While in talk mode, Message Waiting LED is inactive; when call is disconnected, Message Waiting LED is reactivated and flashes if messages are waiting.*

Making Calls with Auto Talk Off

- Lift handset from base unit
- Press any key
- Listen for dial tone and dial number
- Begin conversation
- At end of conversation, return handset to base station or press [“TALK”] key
- Call is disconnected

Making Calls with Auto Talk On

- Lift handset from base unit
- Listen for dial tone and dial number
- Begin conversation
- At end of conversation, return handset to base station or press [“TALK”] key
- Call is disconnected

Notes:

- 1. [“TALK/BATTERY LOW”] LED flashes then remains lit as communication path is established between handset and base station, and dial tone is heard. The communication time out is 5 seconds. If communications*

path cannot be established within 5 seconds, error tone will sound and handset reverts to standby mode.

- 2. Applies ONLY when connected to an NEC Electra Elite® 2 — In conversation mode, handset will no longer produce DTMF, but the base station will produce DTMF.*

Features and Settings

Setting Handset Ringer On/Off

When handset is in standby mode, ringer volume can be adjusted Low or High by pressing [“VOL”] key. Ringer volume can be adjusted even when [Ringer “ON/OFF”] switch is in “Off” position.

Adjusting Handset/Headset Reception Volume

When call is in progress, press [“VOL”] key repeatedly to increase handset/headset speaker volume from NORMAL to MEDIUM to HIGH to LOW — in this order. After disconnect, volume reverts to NORMAL setting.

Muting Handset/Headset Volume

When call is in progress, press [“MUTE”] key to disable microphone. The [“TALK/BATTERY LOW”] LED flashes when handset/headset is muted. Voice is not transmitted in MUTE mode. Press [“MUTE”] key again to reactivate microphone.

Note:

Handset/headset volume control is compatible with new HAC regulations.

Placing Calls on Hold with a call in progress from the base station:

- Press [“HOLD”] key or [“TALK”] key
- Return handset to base station
- Press flashing [“LINE”] key to continue call
- Press [“TALK”] or pick up handset

With a call in progress from the handset (PBX):

- Press [“TRF”]
- Listen for stutter tone
- Press [“TRF”] to continue call

With a call in progress from the handset (Key System):

- Press [“TRF”] key or [“TALK”] key
- Return handset to base station
- Press flashing [“LINE”] key to continue call
- Press [“TALK”] or pick up handset

Note: After a preprogrammed time, any held call will recall to the originating terminal.

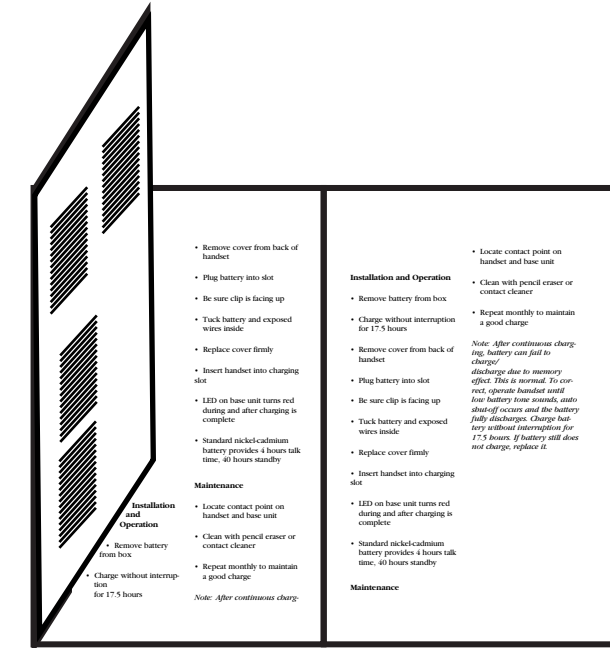
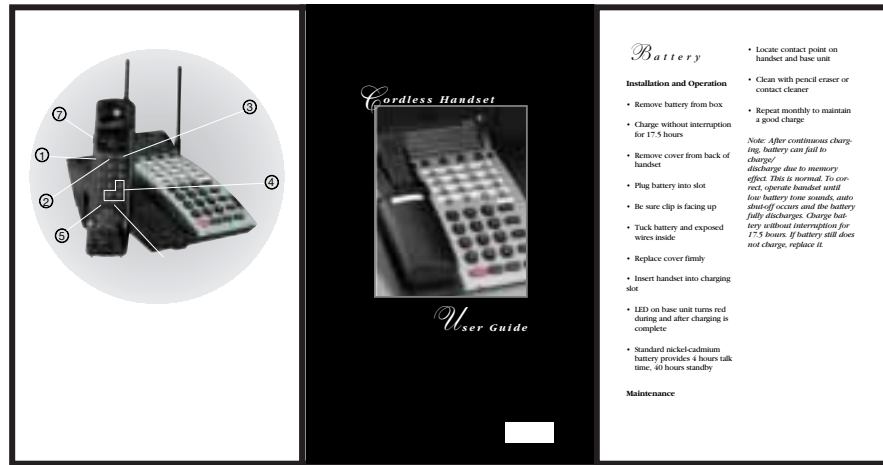
Conference Calling with a call in progress:

- For Electra Elite/Electra Professional — Press [“CONF”] key on base station
- For NEAX® 2400/2000 — Press [“TRF”]
- Place second call (internal or external)
- Announce conference (optional)
- Press [“CONF”] from base station to establish conference

Back cover

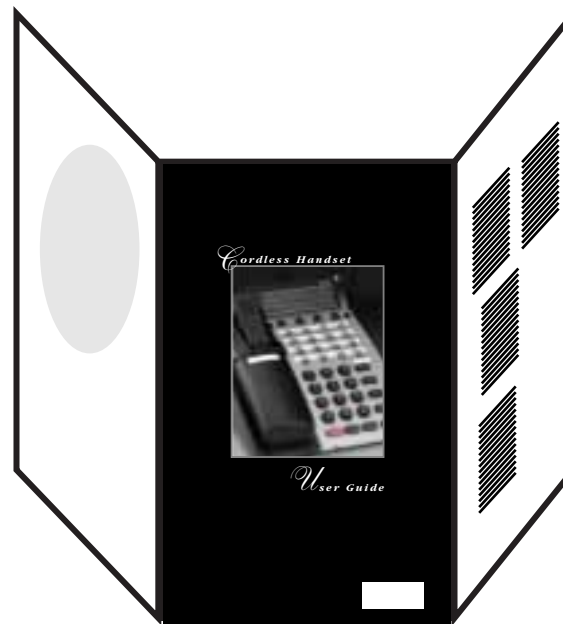
Front cover

Panel one



2

Back cover folds over Panel one



1

Panel one folds in

Inside