

## **System 24 and System 48 Features**

### **Account Code**

Forced Verified-When enabled, you must dial an account code in order to make an outgoing call.

Unforced/Unverified ([ Feat+71])- You may dial an account code for call tracking purposes.

### **Alarm-Station Activate: ([ Feat+92 ]) Cancel: ([ Feat+\*+92 ])**

You may activate your own private alarm on the telephone to remind you of a special event, appointment, etc.

### **Answering Machine Operation ([ Feat+64 ])**

You can monitor a caller leaving you a message in your voice mail box and retrieve the caller from voice mail by pressing a button.

### **Authority Code-Traveling Class of Service ([ Feat+55 ])**

Allows a user with the proper class of service to override a restricted phone to make a Long Distance call.

### **Automatic Line Selection ([ Feat+95 ]) Cancel: ([ Feat\*95 ])**

This feature allows you to access a specific outside line or intercom path automatically when you lift your handset or press the **spkr** button.

### **Background Music ([ Feat+52 ])**

When activated and your phone is in an idle condition, you can hear music through the speaker on your phone.

### **Call Back [ Feat+91 ] Cancel: [ Feat+\*91 ]**

This feature allows you to queue a station which is busy, in Do Not Disturb, or idle.

## **Call Forward ([ Feat+2 ])**

Display ( Feat+#6 )-when any type of call forwarding is invoked, the LCD display will indicate the call forwarding mode at all times.

No Answer-your phone will only forward when there is no answer.

Busy-your phone will only forward when your off-hook.

Busy/No Answer-your phone will forward when you don't answer or when your off-hook.

Idle-your phone will forward immediately in an idle condition.

Direct (All Call)-will forward all intercom calls, regardless of busy/idle state.

Follow Me-you can forward your station to the station you are visiting from that station with a password.

Cancel- ( Feat+2 ) any call forward mode can be canceled by one code from your station.

## **Caller Identification (ICLID) ( Feat+#9 )**

Name/Number Caller ID-the calling part telephone number ID will be displayed if available on incoming caller ID calls and the user may toggle between the number and the name while the call is ringing or after it is answered.

Calling Number/Name SMDR-if the calling name and number is available, the name and number will be output in the SMDR record.

Answered Call Table-up to 200 answered calls are stored in a system-wide Answered/Unanswered Call Table for future review.

Unanswered Call Table-up to 200 unanswered calls are stored in a system-wide Answered/Unanswered Call Table for future review.

## **Call Park ([ Feat+73 ])**

Allows you to have calls parked at your telephone that can be retrieved from any telephone in the system.

**Call Pickup ([ Feat+53 ]) Group Pickup ([ Feat+54 ])**

You may answer calls ringing at another station by pressing a code or a button on your telephone.

**Call Waiting ([ Feat+68 ])**

You will hear a notification tone through the speaker whenever an inside caller is waiting and this feature is enabled You may accept or reject the call.

**CO Line Queuing [ Feat+93]**

Allows you to queue to a busy CO line and reserves that CO line for use when it become available.

**Conference**

Supervised ([ Feat+60 ])-the system allows up to 8 four-party conferences simultaneously. A maximum of two CO lines in a conference

Unsupervised ([ Feat+77 ])-allows the conference controller to exit a conference while allowing the two outside CO lines in the conference to continue their conversation.

**Distinctive Ringing-Station ([ Feat+#7 ])**

You may choose from four distinctive ringing tones to signal incoming calls.

**Do Not Disturb (DND) ([ Feat+4 ])**

Allows you to temporarily block and discontinue ringing from incoming CO calls and intercom calls.

**Directory Dial ( Feat+79 )**

Enables station users to obtain a directory for up to 200 internal stations and System Speed Dial Numbers on their Display of the phone for soft key dialing.

**Flash ([ Feat+3 ])**

When flash is accessed, the system will generate a timed open loop flash condition on any CO line.

**Feature Button Inquiry ( Feat+#3 )**

Allows you to review the programming for feature buttons in an idle condition on your Display Phone.

### **Feature Button Programming ([ Feat+#3 ])**

Allows you to program features and DSS/BLF functionality on the flexible buttons on your phone.

### **Headset Mode ([ Feat+9# ])**

Allows you to connect a headset to your phone and use the **spkr** button as the ON and OFF switch ( toggle between headset and speakerphone modes ).

### **Hold**

Abandon (Loop Supervision)-anytime the system detects a disconnect signal from the Central Office, an existing Hold condition will be released, freeing that line for future inbound traffic.

Automatic- ([ Feat+94 ] ) allows you to skip from line button to line button or intercom call to outside call and vice-versa.

Call Answer/Select-allows a user to place and retrieve calls ON and OFF of hold by simply pressing the Hold button.

Exclusive- ([ Feat+HOLD ] ) allows the user to place a CO line on a private hold.

Reminder Time-the system provides a programmable timer to remind you that a call has been left on System or Exclusive Hold.

System-allows the user to place a CO line on hold and any station user can take it off hold.

### **Last Number Redial ([ Feat+8 ])**

This feature automatically dials the last number dialed from your phone.

### **Message**

Outgoing-you may send a message waiting, a customized message, or one of 6 pre-programmed messages to other Display Phone users on the system

Executive Notify-([ Feat+90 ) a message to inform intercom callers of the reason you are away from your phone.

### **Night Service ([ Feat+#2 ])**

The system can be programmed in Night Service to change ringing assignments of the CO lines.

### **One Button Record ([ Feat+72 ])**

If you have integrated voice mail system, this feature will allow you to record Internal and external conversations in your mailbox for future playback.

### **Paging ([ Feat+50 ])**

Internal-paging up to 8 groups of internal stations.

External-one-way, dedicated paging access to a paging amplifier that external speakers are attached.

Allow/Deny-you can block one-way pages (internal, group, and all page) over the phone speaker by dialing a code.

Meet Me-any station user paging internally may be answered for a private meet me connection.

### **Pause ([ Feat+70 ])**

You can insert a pause to generate an intentional delay in dialing on outgoing calls.

### **Station Lock/Unlock ([ Feat+97 ])**

You can prevent unauthorized outside calling from your telephone by dialing your password.

### **Saved Dialed Number ([ Feat+51 ])**

Allows you to dial the Save Number at a later time.

### **Speed Dialing**

Station Save: ([ Feat+#1 ] ) Dial: ([Feat+1 ])-allows each station user to store up to 20 frequently dialed numbers up to 16 digits in length at their phone.

System-the Attendant Administrator can program up to 80 frequently dialed numbers that can be accessed form any phone in the system.

### **Station Feature Status Check ( Feat+#8 )**

The Display Key Telephone user can quickly determine the status of all user-controlled features.

### **Voice Mail Button ([ Feat+64 ])**

Voice Mail button is used to retrieve voice mail messages, and will flash an

LED indicator when there are messages.

**Voice Over Busy Allow: ( Feat+9\* ) Deny: ( Feat+\*9\* ) [ Feat+56 ]**

If your telephone is busy you may still receive a voice announcement from a calling station allowing you to speak to the person or reject the Voice Over Busy request.

**Auxiliary Jack Port**

Allows for any analog device to be connected to the auxiliary jack on the Key Telephone utilizing the second pair of the station cabling.

**Alarm-System**

The system administrator may establish a system-wide alarm notifications through system programming for various events.

**Alternate Answering Position**

The alternate answering position serves as a back up to the main attendant.

**Attendant**

One primary attendant is provided in the system for support of necessary services like Line Recall, Forced Incoming Intercom Call Forward and Manual Night Service operation. The attendant, with a private password, is allowed to change the service mode (Day, Night, or Time), Time of Day settings and System Speed Dial numbers.

**Busy Lamp Field**

If a button on your phone is programmed as a BLF button and the station your monitoring for a busy condition goes off hook or is in Do Not Disturb, the button LED will light red. This same button is used as one-button Direct Station Selection call button for one button dialing of an internal station.

**Camp On Busy Station**

Privately alerting a busy station for immediate consultation.

**Class of Service (Day/Night)**

The system provides eight COS for assignment of outside line dialing privileges.

**CO Line Group Assignment**

The system provides four CO Line Groups for assignment of specific CO

lines.

### **CO Line Pool**

The CO Line Pool allows random CO line outgoing access and becomes a virtual Answer button, with illumination, for receiving incoming or transferred calls.

### **CO Line Signaling**

Incoming CO line calls are indicated by a flashing red LED and distinctive ring tone from the key telephone speaker.

### **CO Line Type Assignment**

Each CO line can be assigned as CO,PBX or OPEN.

### **Dial Pulse to DTMF Conversion**

When a CO line is set to pulse (rotary) dialing, the digits following [\*] will be sent in DTMF tone mode.

### **Do Not Disturb Override**

From a 31 Btn Display Phone, you may override a station in DND if you have a higher class of service.

### **Direct Inward System Access (DISA)**

This feature allows you to remotely access system features such as System Speed Dial, CO Line Access , CO Line-to-CO Line Conferencing, and Intercom dialing.

### **Drop Time-Out**

When enabled, any outgoing CO line will be automatically timed and then dropped, after the system warning tone time has expired

### **DSS Console**

One 50 Btn. DSS console may be assigned to a station. Features and DSS/BLF buttons assignment.

### **Emergency Numbers**

The System 24 and 48 System Speed Dial feature provides use of emergency number calling at a station that may be otherwise restricted from dialing. All 80 System Speed Dial bins functionally override a station COS.

**End-to-End Signaling**

This feature allows digital phones to generate in-band DTMF tones on ICM calls to an on-site voice mail system.

**External Call Forward**

Allows for an incoming CO call to forward to a programmed CO Line that was programmed in Speed Bin 99.

**Flexible Line Assignment**

Stations may be allowed to answer or retrieve from hold, specific CO lines assigned in system programming.

**Flexible Ring Assignments**

A station can be programmed to ring for any, or all incoming CO lines.

**Forced Intercom Call Forward**

Tone ringing intercom calls can be immediately forwarded to the attendant by pressing the DND button.

**Forced Tone Ringing**

Allows you to change the station you are calling that is in the Voice Announce mode to the Tone Ringing mode by pressing the \* key.

**Hour Mode Selection**

Standard 12-hour time or military 24-hour time can be selected for common display at all Display Phones.

**Hunt Groups-Stations**

Up to 8 hunt groups may be assigned. Hunting is always in a linear fashion. each group can have up to 24 members.

**I-Hold Indication**

Allows you to easily distinguish between a call you placed on hold at your phone and calls placed on hold at other phones by the use of red and green LEDs.

**I-Use Indication**

When you are using a CO line, the associated lamp will light green at your phone and red at other phones.



**Intercom Call**

All intercom calls are made by dialing another station number or by depressing their DSS/BLF button.

**Loud Bell Control**

The system provides one dry contact closure for interface to an external Loud Bell device which is associated with an incoming CO line ringing.

**Message Waiting**

A busy or unattended station may be notified of a call attempt via the Message Waiting feature.

**Music-on-Hold**

Any intercom or CO line call placed on hold will hear music, if the system is equipped with an external music source.

**Mute**

During a conversation, you may prevent the distant party from hearing your voice by depressing the Mute button.

**Muted Ringing**

While the user is on another call, incoming ICM/CO line calls will automatically ring at a muted lower level at that station.

**Name in Display**

A station user can program their name in the display of their phone that will also appear in the display of the station they are calling.

**On Hook Dialing**

You may make outgoing calls without lifting the handset of your phone.

**PBX Compatibility**

Any CO line may be programmed as a PBX type facility.

**Privacy**

Provides privacy on intercom and CO line calls.

**Privacy Release**

You may on a system-wide basis to allow up to three users to join a conversation on busy lines.

**Private Line**

You can program one or more CO lines for access by only one station.

**Recall (Transfer Recall)**

A transfer CO line call that goes unanswered for a specific time will recall back to the originating station.

**Reminder Tones**

If you have Do Not Disturb or Call Forward enabled, you will hear a Reminder Tone whenever you access intercom dial tone.

**Ringling Line Priority**

Automatically connects incoming calls (intercom, camped on CO, recalled CO transferring CO, incoming CO, and incoming intercom call) based on a predetermined priority.

**Station Groups**

The system provides eight station groups for partitioning the system into separate departments or related features (Call Pickup and internal paging).

**Station Numbering Plan**

The System 24 has 2-digit intercom station numbers and the System 48 has 3-digit intercom station numbers.

**Station Message Detail Recording (SMDR)**

This allows the system administration to track all incoming and outgoing CO Line calls on an SMDR report.

**System Time**

The system provides a built-in clock to track System Time for certain features such as System Night Service Mode Change, SMDR, Alarm Clock Check, etc.

**Toll Restriction**

The system provides sophisticated monitoring of digits dialed on a CO lines. If the digits dialed are allowed, the call will go through. If the digits are not allowed the call will be denied.

**Tone Detector**

The system provides one tone detector which is used for certain features to detect the call status of the CO line call in progress.

**Tone/Inter-Digit Duration**

Depending on the type of CO, and the customer specialized dialing requirements, the DTMF ON time and INTER-DIGIT time may be modified for dialing.

**Transfer**

Allows you to transfer a CO call screened, unscreened, and one-button.

**Voice Mail Integration**

An ancillary voice mail device may be connected to the system, and you can program a button for access to this feature with indication of voice messages.

**Voice Announce (Hands-Free or Privacy)**

Provides the ability to receive incoming intercom calls through the speaker of the phone and reply back without lifting your handset in the hands-free mode. If you are in the privacy mode, you can hear the caller, but they cannot hear you.

**Volume Control**

Allows you to adjust the volume levels for five functions: Background Music, Ringing, Handset, Speaker, and Headset.

**Warning Tone**

A system warning tone may be heard repeatedly on specific stations that have exceeded a preset time limit on outgoing calls.

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