



# **KAREL S26S**

## **TELEPHONE EXCHANGE**





ELECTRONIC TELEPHONE EXCHANGE

## USER'S GUIDE

# KAREL

**MS26S KK - REVAAA 21/11/2003**

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## PREFACE

This guide covers all the facilities presented by MS26S Telephone System to you.

All the features in this guide can be used easily through any telephone set. Additionally, if you have a Karel Feature Phone (LT26S or LT26S-H), can reach the user features just by one key touch.

We recommend you to read this guide thoroughly in order to be familiar all the features of your PABX.

We hope you will enjoy using your PABX,

Karel Electronics

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(A): Authorized Ext.; (P): Programming required; (O): Operator Only; (E): Extra Hardware required

# SYSTEM FEATURES

## DEFINITION

The MS26S exchange has been designed so as to meet customer demands for small-scale exchanges, thanks to its flexible structure, software and hardware features.

## Structure of the Systems:

The MS26S electronic telephone branch exchange consists of backplane, EPROM, cabinet and power adaptor. Its capacity is:

- 2 lines and 6 extensions.

MS26S has been designed to be used with any kind of standard telephone set, as well as the ones that have been specially produced to be used with it. The KAREL feature telephone sets (such as LT26S, LT26S-H), which provide ease of use and easy access to several features for the MS26S exchange, have been developed. The extensions who use KAREL feature telephone sets can perform operations which could not be done by standard telephones, as well as they can access several exchange features through single key. Such features have been explained in the guide of the related feature telephone set.

Moreover, it is possible to connect to your MS26S telephone exchange peripheral units such as answering machine, wireless telephone, fax, data terminal and modem. Call your authorized reseller for more information related to the issue.



## Dial Tones and Hook Flash:

Information about the tones systems have and their structures are as follows.

### Internal dial tone:

It is the tone received when the extension lifts the handset. This tone indicates that a number can be dialed for any action. The tone is discontinuous by default, but it can be made continuous through programming.

### Ring back tone:

The ring back tone is different for internal and external calls.

For internal calls, it is the tone received when an extension calls another extension and the called extension is not busy at the moment. It is in the form of 2 short ringing.

On the other hand, for external calls, the ring back tone transmitted by the CO is received.

### Busy tone:

The busy tone, which is in the form of short ringing, is the one that shows the called extension is busy, or if an extension attempts to access a line, then it is the tone which shows that line or lines are busy at the moment.

### Special dial tone :

The special dial tone is a tone that is short, periodic and lower compared to the dial tone and it indicates that the extension is keeping an extension or line on hold at the moment. In order to receive special dial tone, one should make hook flash while conversing with an extension or a line. The extension who receives that tone can resume conversation by making hook flash again or s/he can make use of features, such as getting information, which can be used upon receiving the special dial tone. Following the action taken after the special dial tone has been received, the extension can resume the previous conversation by making hook flash.

### Error tone :

This tone is in the form of three short tones and a long tone and it should not be confused with the busy tone. This tone indicates that an erroneous action has been taken by the extension.

### C.O. dial tone:

It is the tone received upon access to C.O. line. A line number can be dialed upon receiving this tone.

### Hook Flash operation:

It is used for putting a line, over which a conversation is going on, on hold. It is a quite frequent action taken during use of the exchange. In order to make hook flash, you should press the on/off latch of your phone for 100-600 milliseconds (this can be changed through programming.) and then release it. The keys "Flash" or "R" on some phones can be employed for hook flash operation. Besides, some extensions with tone dialing phones can be given the authorization to employ the key "Ⓜ" on their telephones for hook flash, through programming. These extensions can also carry out hook flash action by pressing the key "Ⓜ" of their telephones.

## Definitions:

### Extension (Internal line): :

Owner of each telephone that has been connected to the exchange.

### Extension number (Internal line number):

The inner-exchange phone number that should be dialed in order to call another phone that has been connected to the exchange. The extension numbers are in the range 11-16.

### Operator:

Owner of the first telephone that is connected to the exchange. The operator (the extension with number 11) can perform some special operations, in addition to the entire operations that can be done by other extensions.

### External number:

The number to be dialed upon access to the lines of the exchange when external calls are to be made, which has been taken from the local telephone operator.


### Line number:

When one attempts to make an external call, it is the number of a line of exchange to be dialed, if one wishes to select one of the lines. Line numbers are 1 and 2.

## Service Explanations:

Within this guide, the services are both described by symbolic pictures and the things to be done have been explained in text, item by item. As can be seen, the last item of some services has been given as "Hear the internal dial tone." At that point, the extension that receives the internal dial tone can either hang up or can start to use another service.

In case one of the items listed in the explanations is skipped or incomplete, the service may not work as desired. If the service is not working as desired, even though the entire items have been executed one by one, then source of the problem may be searched in the notes section in explanations. Apply your authorized reseller, if the solution is not in the notes section.

Moreover, for the services that ends with the statement " Replace the handset.", if the extension has the authorization to use the key "Ⓜ" (Apply to your system supervisor for that authorization.), then s/he can carry out the same operation by pressing the key "Ⓜ", instead of replacing the handset. Besides, the extension will directly receive internal dial tone and will be able to make use of any other service s/he wishes.

## Abbreviations:

- Ⓐ : Service that can be used with authority level.
- Ⓟ : Service that requires specific programming.
- Ⓞ : Operator only service.
- Ⓔ : Service that requires special hardware.

# SERVICES RELATED TO THE USERS

The entire user services of the MS26S exchange have been explained in this guide in detail in order to meet the user needs in the highest level possible.

In this chapter, the features related to use of your MS26S system have been explained. Read this chapter surely in order to use your exchange effectively.

The features below are the ones that can be used by an extension with any standard telephone set.

As can be seen in the later sections of the guide, several features have been presented in order to provide the users with ease in meeting their communication needs. Most of these features can be employed by dialing their corresponding codes by phone. However, Karel feature telephone sets (LT26S, LT26S-H) have been developed to access these features much more easily. Extensions who use Karel feature telephone sets can access most of these features by a single key or by the menu messages.

## CALL INITIATION SERVICES

### Internal Call:

In order to make a phone call with an extension:



Lift the handset and hear the internal dial tone.



Dial the number of the extension you want to converse with.



Hear the ring back tone.



Make your conversation when the extension you have called picks up the phone.



Terminate the conversation when it is over by replacing the handset.

#### Notes:

- In the "Hear the ring back tone." step, if you receive busy tone, then when you wait without hanging up, you will begin to receive ring back tone as soon as the busyness of the extension you have called is over and you will be able to make the conversation when the other party picks up the phone.
- In the "Hear the ring back tone." step, if you receive busy tone, then you can make use of the call back service by dialing 8 before hanging up. When the busyness of the other extension is over and hangs up, your phone will start to ring and when you pick up the phone, the telephone of the other extension will start to ring. The conversation will take place when the other extension picks up the phone.
- If the extension does not answer while you receive the ring back tone, then you can make use of the call back service by dialing 8 before hanging up. In that case, when the other extension lifts and replaces the handset for some reason, your phone will ring, and when you pick up the phone, the telephone of the opposite extension will start to ring. The conversation will take place when the other extension picks up the phone.
- While receiving the busy or ring back tone, if you want to call another extension, then you can simply dial the other extension's number without hanging up.

### Calling Operator:

0

In order to make a phone call with the Operator:



Lift the handset and hear the internal dial tone.



Dial 0.



Hear the ring back tone.



Make your conversation when the operator picks up the phone.



Terminate the conversation when it is over by replacing the handset.

#### Notes:

- In the "Hear the ring back tone." step, if you receive busy tone, then when you wait without hanging up, you will begin to receive ring back tone as soon as the busyness of the extension you have called is over and you will be able to make the conversation

when the other party picks up the phone.

- In the "Hear the ring back tone." step, if you receive busy tone, then you can make use of the call back service by dialing 8 before hanging up. When the busyness of the other extension is over and hangs up, your phone will start to ring and when you pick up the phone, the telephone of the other extension will start to ring. The conversation will take place when the other extension picks up the phone.

## Line Call (9):

A

9

When you use this feature of your exchange, the first vacant line, starting from line 2, will be connected to you. By accessing a vacant line by this way, you can call the external number you want.

### In order to make a line call:



Lift the handset and hear the internal dial tone.



Dial 9.



Hear the line dial tone.



Dial the external number you want to converse with.



Make the conversation when the opposite party picks up the phone.



Terminate the conversation when it is over by replacing the handset.

### Notes:

- In the "Hear the line dial tone." step, if you receive busy tone, then you can make use of the call back service by dialing 8 before hanging up.

## Selective Line Access:

A

7

If you want to dial an external number over a specific line you will select, instead of any line, then you can make use of this feature.

### In order to make an external call over a specific line:



Lift the handset and hear the internal dial tone.



Dial 7, then the number of the line you would like to access.



Hear the line dial tone.



Dial the external number you want to converse with.



Make the conversation when the opposite telephone is picked up.



Terminate the conversation when it is over by replacing the handset.

### Notes:

- If you receive busy tone, then you can wait for that line to be vacant without hanging up, or again, without hanging up, you can make use of the call back service by dialing 8. Moreover, when you wait without hanging up, the line will be connected to you as soon as it becomes vacant.
- If you receive error tone, then either the line you try to access is out of service, or you do not have the authorization to access that line.

## Last Number Redial:

A

70

### In order to call the external number you have most recently called:



When you receive busy tone upon a line call, replace and then lift the handset and hear the internal dial tone.



Dial 70.



Wait for the exchange to call the number you have dialed.



Make the conversation.








## Last Number Auto-Dial:

A




770

Auto-dial service is a feature that makes the exchange automatically call the most recent number you have dialed in a consecutive manner and connect to you in case the number starts to ring.

**In order to employ the auto-dialer for the most recent number you have dialed:**

-  Lift the handset and hear the internal dial tone.
-  Dial 770.
-  Replace the handset.
-  Wait for the auto-dialer to connect the number you have dialed when it is available.
-  Your phone will ring when connection is established.
-  Lift the handset.
-  Make the conversation.

**To cancel:**

-  Lift the handset and hear the internal dial tone.
-  Dial 77.
-  Replace the handset.

**Notes:**






- How many times the auto-dialer will call the number is determined by the local telecommunication authorities (It is 15 by factory default.)
- If your phone is busy during the connection, you are warned by short beeps through ear. In such a case you should either terminate your conversation as soon as possible or put the line your conversing over on hold and answer the line connected by the auto-dialer.

## Private Pool Entry :

84

There are 24 memory locations for each extension in your exchange.

**In order to store numbers into the Private Pool:**

-  Lift the handset and hear the internal dial tone.
-  Dial 84.
-  Dial the memory number (00-23).
-  Dial the external number.
-  Replace the handset.

**Notes:**

- Example: It will be sufficient to dial "84072670240" in order to store the number 2670240 into the private pool memory location 07.
- If the phone is MF or LT26S feature telephone set, then the key "#" can be employed to form a delay time of one second among digits. Each time the key "#" is pressed, the delay time is actualized. For delay periods of longer than one second, it is necessary to press that key as many times as required.  
**Example:** When "84120###3122670240" is dialed, the number "0 312 2670240" is stored into the memory location 12. When one wishes to make a call through that memory location, the exchange dials the other numbers three seconds after it dials 0.






## Calling From Private Pool :

A

6

You can call the external numbers you have stored in the private pool of your exchange by a short code.

**In order to make a call through the private pool:**

-  Lift the handset and hear the internal dial tone.
-  Dial 6.
-  Dial the memory number you want to call (00-23).
-  Wait for the exchange to call the number you have dialed.
-  Make the conversation.



**Calling From Common Pool :****A****5**

There are 100 common pool memory locations in your exchange, which are open to use of the entire authorized extensions. You can make calls by having the operator store the numbers you frequently call into these memory locations.

**In order to make calls through the common pool:**

Lift the handset and hear the internal dial tone.



Dial 5.



Dial the memory number you want to call (00-99)



Wait for the exchange to call the number you have dialed.



Make the conversation.

**Notes:**

- How to enter numbers to the Common Pool has been explained in the Chapter "Services Related to the Operator".

**Doorphone Call:****E****10****In order to converse over the doorphone that is connected to the exchange:**

Lift the handset and hear the internal dial tone.



Dial 10.



Make the conversation.

**Notes:**

- If you receive busy tone, then this indicates that another extension is making conversation over the doorphone.

**Conference:**

If you wish to include another extension or line while already making conversation with an extension or a line, then you can make use of this feature.

**In order to include one more extension in the conversation:**

Make hook flash.



Hear the special dial tone.



Dial the number of the extension you want to include in the conference.



Tell the extension you call that you will admit her/him into the conference.



Dial 3 and carry out the conference.

The entire extensions can be included in the conference by this method.

**In order to include another line in the conversation while conversing over a line:**

Make hook flash.



Hear the special dial tone.



Dial 4, put the current line you are conversing over on hold.



Dial 9 or dial 7 and then the external line number.



Dial the external number you want to include in the conference.



Tell the extension you call that you will admit her/him into the conference.



Make hook flash and dial 9.



Carry out the conference.

It is sufficient to hang up to terminate the conference.

**Notes:**

- If the number you call is busy or not answering, then you can return to the first line by making hook flash.

## CALL ANSWERING SERVICES

### Answering An Incoming Call:

In order to answer a call coming to your telephone:



In case a call request is received, your phone rings.



Lift the handset.



Make the conversation.

### Selective Call Pick Up:

**82**

In order to answer a call that rings at another extension:



Lift the handset and hear the internal dial tone.



Dial 82.



Dial the number of the telephone that rings.



Make the conversation.

#### Notes:

- If you receive error tone, than this indicates that there is no line ringing at the extension whose number you have dialed.

## OTHER SERVICES RELATED TO CALLS

### Call Hold:

**A**

During a conversation with an extension or line, Call Hold is employed for putting that extension or line on hold. There are several actions that can be taken while an extension or line is on hold and Call Hold is a preliminary step prior to those actions. If the telephone is hung up during call hold, then the line is dropped.

In order to put the call on hold:



Make hook flash.



Hear the special dial tone.

In order to retrieve the call on hold:



Make hook flash.



Go on with the conversation.

#### Notes:

Operations that can be done during call hold:

- Call Transfer,
- Call Park,
- Making Hook Flash To Lines,
- Connecting Two Lines Together,
- Conference.

### Call Transfer:

**A**

During a conversation with a line or extension, you can transfer that line to another extension by calling her/him or you can return to the previous conversation after receiving information from that extension.

In order to transfer the call by informing the extension:



Make hook flash.



Hear the special dial tone.



Call the extension to whom you want to transfer the call.



Tell that you will transfer the call.



Replace the handset to transfer.

**In order to transfer the call without informing the extension:**

Make hook flash.



Hear the special dial tone.



Call the extension to whom you want to transfer the call.



Hear the ring back or busy tone.



Replace the handset to transfer.

**Notes:**

- In case the extension you call is busy or not answering, you can return to the line you have previously been conversing with by making hook flash, you can make hook flash twice and call another extension by dialing her/his number, or you can transfer the line to the extension who is busy or not answering, by replacing the handset.
- If the transferred line is not answered within 40 seconds it returns to the extension that has done the transfer operation. The extension to whom a line has been transferred will be warned through ear by short beeps. In such a case the extension should terminate the conversation as soon as possible or s/he should answer the transferred line after parking the current line s/he is conversing with. After starting to converse with the extension you have called for getting information or for transferring, if you decide not to transfer, then you are supposed to make hook flash in order to return to the line you have previously been conversing with.
- If you perform any erroneous operation and hang up during the transfer operation, then the line is parked and returns to you; on the other hand, if it is an extension, then it is dropped.

**Line Call Park :**

#4

The telephone may be used for other purposes after a line call is parked. (Such as answering a call from another line or calling over another line and getting information.)

**In order to park a line call:**

Make hook flash while making conversation with a line.



Wait for the special dial tone.



Dial 4 and park the line.



Hear the internal dial tone.

**Notes:**

- The operator is supposed to dial "3", instead of "4", to while parking.

**Retrieving A Call Parked Through One's Own Phone :**

4

**In order to retrieve a call you have parked:**

Lift the handset and hear the internal dial tone.



Dial 4.



Make the conversation.

**Notes:**

- The parked line gets into hold status and your phone is set completely free. If the parked calls are not retrieved within 90 seconds (This duration can be programmed.), then they return to the extension that has parked them.

## Retrieving A Parked Line:

44

In order to retrieve a line that has been parked by another extension:



Lift the handset and hear the internal dial tone.



Dial 44.



Dial the number of the line that has been parked or number of the extension that has parked it.



Carry out the conversation.

## Line - Line Connection :

A

#6

Thanks to this feature, while conversing with a line, that line can be put on hold and one can start to converse with another line, then the line on hold and the line with which one is conversing can be connected to each other, if necessary. That means this feature can be used to connect two lines together.

In order to connect two lines together:



While conversing with a line, make hook flash and dial 4.



Dial 9 and then the external number or



Dial 7 and number of the line that will be selected and then the external number.



Make conversation with the second line.



Make hook flash and dial 6.



Replace the handset.

### Notes:

- The operator is supposed to dial "3", instead of "4", to while parking.
- Duration of call for the lines that have been connected in that way is 4 minutes. The parties hear a warning tone when they enter the last 30 seconds of the conversation. After this tone has been received, if one of the parties with DTMF (tone dialing) phone wishes to prolong that duration by 2 minutes, then that can be done by pressing the key "9" for a quite long period.

## Call Back :

8

If the extension you call or the line you want to access is busy, or if the extension is not answering, then, by making use of the call back service, you can make the exchange notify you of the availability of the line.

In order to call back:



When you receive busy tone or when the extension you call is ringing, dial 8.



Replace the handset.

When the line is vacant or when the extension that has not previously answered uses the telephone for the first time and hangs up, your phone rings and when you pick up you automatically hear the line dial tone or the ring back tone of the extension. You can dial the external number or you can make conversation with the extension when s/he picks up.

To cancel:



Lift the handset and hear the internal dial tone.



Dial 81.

## Intrusion:

A

0

If the extension you call is conversing with a line, you can intrude into the ongoing conversation.

In order to intrude:



Dial 0 when you hear the busy tone.

When you hang up, the intrusion operation terminates; however, conversation of the other parties goes on.

### Notes:

- After the intrusion operation, both parties hear a short beep and when you are conversing with the party you call, the party on the line hears you, but you cannot hear her/him.
- If there is a line on hold when you are intruding, and if you wish to transfer that line to the extension whose call you intrude in, then you should replace the handset and if you wish to return to the line without transferring, then you should make hook flash. It is sufficient to hang up in order to split.

## CALL FORWARDING SERVICES

Follow Me :

85

Thanks to this feature, you can make the entire calls coming to you ring on another telephone.

**In order to forward calls:**



Lift the handset and hear the internal dial tone.



Dial 85.



Dial the number of the extension to whom you want the calls to be forwarded.



Hear the internal dial tone. If you do not receive the internal dial tone, then the forwarding will not be actualized.

**To cancel:**



Lift the handset and hear the internal dial tone.



Dial 85.



Replace the handset.

**Notes:**

- Forwarding can be done separately for Night and Day Modes.
- More than one telephone can be forwarded to the same extension.
- If extension A1 has been forwarded to extension A2, and if extension A2 has been forwarded to extension A3, then extension A2 rings when extension A1 is called.

## PASSWORD SERVICES

Password Define :

836

If you want to prevent your telephone to be used by others for external calls without your information, then you can lock your phone by using your password when you are not at your place.

**In order to define password:**



Lift the handset and hear the internal dial tone.



Dial 836.



Dial the password (001-999.)



Hear the internal dial tone.

**In order to delete the password:**



Lift the handset and hear the internal dial tone.



Dial 836.



Dial your password.



Replace the handset.

Changing Password :

836

**In order to change the password:**



Lift the handset and hear the internal dial tone.



Dial 836.



Dial your password.



Dial your new password.



Hear the internal dial tone.

## Telephone Lock :

837

When a line is attempted to be accessed selectively by dialing “9<sup>WXYZ</sup>” through a phone that has been locked by password and when a code is dialed for calling through memory, you first hear a short tone. Then you are supposed to enter your password after that tone in order to perform any operation. That could be considered as a security application.

### In order to lock the phone:



Lift the handset and hear the internal dial tone.



Dial 837.



Dial your password.



Dial 1.



Hear the internal dial tone.

### In order to unlock telephone:



Lift the handset and hear the internal dial tone.



Dial 837.



Dial your password.



Dial 0.



Hear the internal dial tone.

### Notes:

- If you change or cancel your password through a locked phone, then the phone is automatically unlocked.

## OTHER USER SERVICES

### Do Not Disturb :

831

Thanks to this feature, if you want, you can make your telephone ring only once when a call request is received, instead of ringing until it is picked up.

### In order to activate the “Do not disturb”:



Lift the handset and hear the internal dial tone.



Dial 831.



Hear the internal dial tone.

### To deactivate:



Lift the handset and hear the internal dial tone.



Dial 830.



Hear the internal dial tone.

### Notes:

- The party calling you still receives ring back tone even if your telephone rings once and then becomes silent. In that case, if you wish to answer the call, you can do that by lifting the handset.

**Reminder Service :****838**

Thanks to this feature, you can use your phone as an alarm clock and make it warn you by ringing at a specified time.

**In order to enter the time of reminder:**

Lift the handset and hear the internal dial tone.



Dial 838.



Dial the current hour (00-23) and minute (00-59), then the time you wish to be warned in the form of hour (00-23) and minute (00-59) dial.



Hear the internal dial tone.

**To cancel:**

Lift the handset and hear the internal dial tone.



Dial 838.



Replace the handset.

**Notes:**

- At the time of reminder, the phone rings in a special reminder ringer cadence. The extension hears a warning tone as "ding-dong", when s/he picks up the phone. The phone rings for 2 minutes, if it is not picked up. If the phone is busy at the time of reminder, then it rings one minute after it is hung up.

**Listening To Music :****857**

You can listen to the music, which is being broadcasted from an external music source, through the feature telephone set of model LT26S-H with handsfree feature.

**In order to listen to music:**

Lift the handset and hear the internal dial tone.



Dial 857.

After a while, your handsfree telephone will be picked up automatically, the dial tone will be off and the music broadcast will begin.

**To deactivate:**

Lift the handset and hear the internal dial tone.



Dial 857.



Hear the internal dial tone.

**Notes:**

- In case of listening to music, coming calls are automatically connected to your phone.
- Upon a call is received, the music is cut throughout the conversation and it re-starts after the call is over.

**Door Opener :****E****23**

In case the external control relay in the system is employed for opening door, you can open a door through your phone.

**In order to open door:**

Lift the handset and hear the internal dial tone.



Dial 23.





The door will be opened.

## SERVICES RELATED TO THE OPERATOR

The features below can be employed by the operator only.





### Date Setting : 0 833

In order to set the system date:

-  Lift the handset and hear the internal dial tone.
-  Dial 833.
-  Dial the day (01-31), then the month (01-12.)
-  Hear the internal dial tone.

### Time Setting : 0 88

In order to set the system time:

-  Lift the handset and hear the internal dial tone.
-  Dial 88.
-  Dial the hour (00-23), then the minute (00-59.)
-  Hear the internal dial tone.






#### Notes:

- The time information is used for features related to the call record listing. The clock stops on power failure and if KY16 or Net-CM call record system has been connected to your exchange, then it is recommended that the time information would be entered at certain intervals.

### Common Pool Entry : 0 834

The Common Pool is a memory field where 100 telephone numbers, which have been presented to the use of the entire authorized extensions, can be stored.

In order to enter numbers to the Common Pool:

-  Lift the handset and hear the internal dial tone.
-  Dial 834.
-  Dial the memory number (00-99.)
-  Dial the external number (at most 16 digits.)
-  Replace the handset.





#### Notes:

- Example: It is sufficient to dial "8340203122670240" in order to enter the number 0 312 2670240 to the common pool memory location.
- If the phone is MF or LT26S feature telephone set, then the key "#" can be employed for forming one-second delay periods among digits. Each time the key "#" is pressed, the delay period of one second is actualized. It is required to press the key "#" as much as necessary to obtain delay periods longer than one second.  
Example: When "84120##3122670240" is dialed, the number "0 312 2670240" is stored into the memory location 12 and when one wants to make a call through that memory, the exchange dials the other numbers 2 seconds after dialing 0.

### Group Call Park : 0 #4

The operator can park two lines, whereas other extensions can park only one line.

In order to park an external call:

-  While conversing with a line, make hook flash.
-  Wait for the special dial tone.
-  Dial 4.
-  Hear the internal dial tone.




#### Notes:

- The parked line gets into hold status and your telephone is completely set free. If the parked calls are not retrieved within 90 seconds (This duration can be programmed.), then they return to the operator automatically.




### Music On Hold : 0 832

By this feature, you can select the source of the music that will be emitted to parties that have been parked or put on hold or to the extensions that have activated the "Listening To Music" feature.

In order to select internal melody generator:

-  Lift the handset and hear the internal dial tone.
-  Dial 8322.
-  Hear the internal dial tone.

In order to select external music source input:

-  Lift the handset and hear the internal dial tone.
-  Dial 8321.
-  Hear the internal dial tone.



**To cancel:**



Lift the handset and hear the internal dial tone.



Dial 8320.



Hear the internal dial tone.

**Notes:**

- If no music source is selected, then the parties that have been parked or put on hold receive short beeps. Moreover, the extensions cannot activate the "Listening To Music" feature, either.
- By default, the internal melody generator of the exchange is on line.

**Putting Lines Into Service Automatically :**

0

827

By this feature, the exchange automatically checks the lines, puts them into service in the appropriate signaling system (DP or MF) and takes the lines that are malfunctioning out of service.

**In order to put lines into service automatically:**



Lift the handset and hear the internal dial tone.



Dial 827.



Hear the internal dial tone.

**Notes:**

- When this code is dialed, the entire calls being made at the moment are interrupted, the exchange checks the system within approximately 10 seconds and then goes on with the normal operation.

**Night Mode :**

0

879

**In order to initiate the Night Mode:**



Lift the handset and hear the internal dial tone.



Dial 879.



Hear the internal dial tone.

**To deactivate:**



Lift the handset and hear the internal dial tone.



Dial 878.



Hear the internal dial tone.

**Notes:**

- If you wish to determine line authorization levels, extension groups, call forwardings and the extensions on which lines will ring, which you want to be valid only during the Night Mode:
  - Line authorization levels:**
    - Set the system to the Night Mode, as described above.
    - Determine line authorization levels of the extensions.
  - Call forwarding:**
    - Set the system to the Night Mode, as described above.
    - Follow the procedure described in the section "Call Forwarding" for the extensions you want.
  - Determining the extension on which the line call will ring:**
    - Set the system to the Night Mode, as described above.
    - Determine the extension numbers on which you want the line calls to ring.
- Unless any change is necessary, it is sufficient to do these operations once. When the system is taken out of the Night Mode, the day parameters will be valid.

**Line Forwarding :**

0

**795**

Thanks to this feature, you can forward a specific call coming from a line to another external number during the Night Mode.

**In order to forward a line:**

Lift the handset and hear the internal dial tone.

8 3 4 9 9  
TUV DEF GHI WXYZ WXYZ

Dial 83499.



Dial the external number to which you want to forward calls (it will have been entered into the common pool memory location 99.)

7 9 5  
PQRS WXYZ JKL

Dial 795.



Replace the handset.

**To cancel the service:**

Lift the handset and hear the internal dial tone.

7 9 5  
PQRS WXYZ JKL

Dial 795.



Dial 795.

**In order to delete the number to which forwarding is done:**

Lift the handset and hear the internal dial tone.

8 3 4 9 9  
TUV DEF GHI WXYZ WXYZ

Clear the memory location 99 by dialing 83499.



Replace the handset.

**Notes:**

- The line forwarding works only while the system is in Night Mode.
- The external number to which forwarding will be done can be of at most 14 digits..
- The key “#” can be employed for inserting one-second delay periods among digits of the number during external number entry. Each use of the key “#” is also considered as a digit.
- Duration of a line call have been forwarded by this way is 4 minutes. The parties hear a warning tone when they enter the last 30 seconds of the conversation. After this tone has been received, if one of the parties with DTMF (tone dialing) phone wishes to prolong that duration by 2 minutes, then that can be done by pressing the key “9” for a quite long period.

**Re-Loading The System Parameters :**

0

**824**

If unexpected changes are observed in the operational orderliness of the exchange, and if they are not related to hardware problems, then by this feature, it is possible to reset the system parameters and go back to the normal operational order of the exchange.

**In order to reset the system parameters:**

Lift the handset and hear the internal dial tone.

8 2 4  
TUV ABC GHI

Dial 724.



Replace the handset and wait for the system for about one minute to re-load its entire parameters.

**Notes:**

- An important portion of the system programs is stored in the memory. The system loads these programs each time it is started.




# SERVICES RELATED TO REPORTING

The services related to reporting can be used by the operator only.




## Call Record Listing : 0 8767

You can get the detailed listing of the most recent calls made over the lines again, through Net-CM or a printer.

In order to get the call record listing again:





-  Lift the handset and hear the internal dial tone.
-  Dial 8767.
-  Hear the internal dial tone.

In order to stop call record listing:

-  Lift the handset and hear the internal dial tone.
-  Dial 8768.
-  Hear the internal dial tone.





## Common Pool Listing : 0 8764

In order to get listing of the common pool numbers from printer:

-  Lift the handset and hear the internal dial tone.
-  Dial 8764.
-  The common pool numbers that have been stored in the system will be listed.
-  Hear the internal dial tone.




## Time and Date Information Listing : 0 8765

In order to get listing of the common pool numbers from printer:

-  Lift the handset and hear the internal dial tone.
-  Dial 8765.
-  The common pool numbers that have been stored in the system will be listed.
-  Hear the internal dial tone.




## KY16 Page Feed : 0 8763

In order to feed whole page on KY16 Mini Printer:

-  Lift the handset and hear the dial tone.
-  Dial 8763.
-  Replace the handset.

## KY16 Line Feed: 0 8762




In order to feed line on KY16 Mini Printer:

-  Lift the handset and hear the dial tone.
-  Dial 8762.
-  Replace the handset.

## KY16 On Line : 0 8761

When KY16 Mini Printer is put on line, the records that have been stored in the memory of the exchange are automatically listed through KY16 Mini Printer.

In order to put KY16 Mini Printer on line:

-  Lift the handset and hear the dial tone.
-  Dial 8761.
-  Replace the handset.

Notlar:

- You can obtain detailed listing of the entire calls made over any line and call record data related to the extensions through KY16 mini printer. In order for your exchange to transmit that data to the printer, the "printer on line" code must be entered.
- When the printer is put off line by the program 8760, the system stores the call details in its memory and transmits that data to the printer when it is put on line.

## KY16 Off Line :

0

8760

In case KY16 Mini Printer is off line, no listing is taken and relevant records are stored in the memory of the exchange.

In order to put KY16 Mini Printer off line:



Lift the handset and hear the dial tone.



Dial 8760.



Replace the handset.

## SAMPLES TO REPORTS TAKEN

### Call record listing sample:

#0001 SI

08/12 14:34:17 14:34:38 00:21 11 12 02 0023 0000046 4483219

#### Explanation:

##### 1st line:

Counter (e.g.: #0001),

Call type (e.g.: LOC)

LOC: Local call

LDIS: Long distance call

INT: International call

##### 2nd line:

Date,

Starting time,

Ending time,

Call duration,

Number of the extension that has started (2 digits),

Number of the extension that has terminated (2 digits),

Number of the line used (D1, D2),

Number of detected pulse prices (4 digits),

Cost (7 digits),

External number dialed.

#### KY List:

#0001	LOC
08/12	14 : 34 : 17
00 :21	11 12 D2
0023	000046
4483219	

---

## Common Pool Sample:

---

This sample is taken only from KY16.

00 02122562349

### Explanation:

Common Pool record no,  
External number.

---

## Time and Date Listing:

---

This sample is taken only from KY16.

13:12:58

12/12

