

**308 / 616 / 824 / 832
ULTRA / COMPACT**

PROGRAMMING MANUAL

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SYSTEM FEATURE MAY VARY FROM MODEL TO MODEL

Programming of COMPACT/ULTRA SERIES

PROGRAMMING PASSWORD

Dial 64 + password (Initial Password is 1234)

If password is right then confirmation tone else reject tone

Now you can dial codes as given in Programming manual below

Note: *Programming can done with EXT 20 & 21 only. Press * after every Programming to accept the code and proceed for further programming*

EXTENSION NUMBERS	20 to 27 for	308 MODEL
	20 to 35 for	616 MODEL
	20 to 51 for	832 MODEL
TRUNK NUMBERS	71, 72 & 73 for	308 MODEL
	71 to 76 for	616 MODEL
	71 to 78 for	832 MODEL

PROGRAMMING RELATED TO TRUNK :

To set trunk category

94 + TRUNK + 0 / 1 / 2

0	:	DECADIC (PULSE)
1	:	TONE (DTMF)
2	:	Incoming trunk / blocking

Trunk group 0/9 (See next page for 616 to 832, 1264)

93 + TRUNK + 0 / 1

0	:	for trunk group 0
1	:	for trunk group 9

TO ASSIGN TRUNK GROUP :

TRUNK GROUP ZERO (ACCESS CODE "0") For 308

91 + EXT NO + 0 / 1

0	:	disallow access to 0 trunk group
1	:	allow access to 0 trunk group

TRUNK GROUP ONE (ACCESS CODE "9") For 308

92 + EXT + 0/1

0 : disallow access to 9 trunk group off
1 : allow access to 9 trunk group on

Grouping For 616/824/832/1264

To make Group : Pw + 93 + Group No. + Trk1----Trk8 (Repeat same trunk if less than 8 trunks)

Group no. : 1 to 6 for 616
1 to 8 for 832
0 is Default group
9 is disallow

To Assign Group : Pw + 91 + Ext. No. + 0/1 + Group no.

0 = "0" Dial (access code 0)

1 = "9" Dial (access code 9)

Note : One Extension can be assigned max. two groups

For Example :

You have 4 trunks 71, 72, 73, 74

You want 3 trunks in "0" and 74 trunks in "9"

Then the Programme will be

Pw + 93 + 1 + 71+72+73+73+73+73 For "0" Group

Pw + 93 + 2 + 74+74+74+74+74+74 For "9" Group

Now allow group as follows

Pw + 91 + Ext. No. + 0 + 1 for allowing "0" dial group

Pw + 91 + Ext. No. + 1 + 2 for allowing "9" dial group

Disallow group

Pw + 91 + Ext. No. + 0 + 9 "0" group disallow

Pw + 91 + Ext. No. + 1 + 9 "9" group disallow

Note : Please do not forget to allow "0" group, otherwise 74 No. Trk also accessed by "0" dialing.

TO SET TRUNK RINGING OPTION

Self Service Group

95 + Trunk + EXT1 + EXT2 + EXT3 + EXT4

EXTENSION STATUS / CLASS OF SERVICE

80 + EXT NO + option(XY)

X	:	for day mode
Y	:	for night mode
1	:	ALL OFF
2	:	LOCAL as per denied table
3	:	LOCAL ON Including 95
4	:	STD ON
5	:	ALL ON

Denied table : 45 + 0-9 + digit to be denied + * (Max. 6 digits)
e.g. : You want to denied 95, 94 and 98 then programme will be

45 + 0 + 95*
45 + 1 + 94*
45 + 2 + 98*

DOOR PHONE RINGING PATTERN

(Available in Ultra Series)

57 + Ext1 + Ext2 + Ext3 + Ext4 (Door can be picked by dialing #)
Pw + 440* Door phone converted to Extn. (only in Ultra 309)
Pw + 441* Door phone
Pw + 442* Round robin ring
Pw + 443* Simultaneous ring for door phone

Door Lock Rights (Available in Ultra Series)

67 + Ext. No. + 0 / 1	0	Disallow
	1	Allow

MEMORY DIALING & FEEDING

Personal Memory Dialing

- To store personal number
- 110 + (800-809) + trunk number or group number + telephone number
- Group number may be 0 or 9
- Trunk number may be 71, 72, 73
- If group number is 0 means trunk will be selected from trunk group 0.
- If group number is 9 means trunk will be selected from trunk group 1.
- If 71, 72, 73 means number will be dial on that trunk only.
- Telephone number should not exceed 16 digit.
- Dial 800 to 809 for your personal number

- Once you have dial the number from bank you can redial this number by '* or '12'
 - # System will dial number itself
 - # If you get reject tone :
 - Then it means
 - i) Your dialing status do not match with number
 - ii) Trunk category may be ONE WAY type
 - iii) Free trunk not found
 - iv) No number is stored in bank

GLOBAL MEMORY DIALING [BANK 1 (FREE BANK) FOR ANY CLASS OF SERVICE]

- Number can be stored in bank 1 by extension 20, 21.
- Numbers stored in bank 1 can be dial by any extension without caring its class of service.
- Dial 810 to 854 for your global bank 1 number system will dial number itself
 - if you get reject tone :
 - then it means
 - i) trunk category may be ONE WAY type
 - ii) free trunk not found
 - iii) no number is stored in bank

To set Global Bank 1 :

68 + 10-54 + TRUNK + Telephone Number
 68 + 20-59 + TRUNK + Telephone Number (in 1264 Model)

TRUNK : Trunk access code 0, 9, 71, 72, 73

Telephone Number : maximum 16 digits

Note :To clear Bank 1 6931

GLOBAL MEMORY DIALING (BANK 2 AS PER CLASS OF SERVICE)

- Number can be stored in bank 2 by extension 20, 21.
- Dial 855 to 899 for your global bank 2 numbers system will dial number itself
 - if you get reject tone :
 - then it means
 - i) your dialing status do not match with number
 - ii) trunk category may be ONE WAY type
 - iii) free trunk not found
 - iv) no number is stored in bank

To set global Bank 2 :

68 + 55-99 + TRUNK + Telephone Number
68 + 60-99 + TRUNK + Telephone Number (in 1264 Model)
TRUNK : Trunk access code 0, 9, 71, 72, 73
Telephone Number : Maximum 16 digits

Note : To clear bank 6932

CALLER ID PROGRAMMING (Require Optional CLI Card)

Caller Line ID

In case of call transfer last two digits will be extension number.

For CLI maximum digits to be send are 16.

To use CLI facility :

64 + 6 + trunk no // CLI ON / AUTO CALL TRANSFER_ON
64 + 7 + trunk no // CLI OFF / AUTO CALL TRANSFER_OFF

For 1264 Model

64 + 7 + trunk no // CLI ON / AUTO CALL TRANSFER_ON
64 + 6 + trunk no // CLI OFF / AUTO CALL TRANSFER_OFF

allow CLI to EXT on which CALLER ID Instrument is connected

91 + EXT NO + 2/3

2 : disallow CLI
3 : allow CLI

91 + EXT No + 8 Intercom CLI 2 DIGIT
9 Intercom CLI 7 DIGITS
(Default 7 digits)

(Some Instruments require minimum of seven digits in CLI so Ext 21 will be shown as 0000021 but in case of transferring the CLI Only 2 digit EXT. no. will be added to the transferred ext.)

AUTO REDIAL (Available in ULTRA 309, 616, 832)

To set auto redial

- dial 60

- a) if assurance tone means auto redial has been set and after 2 minute (whatever time gap is set) system will do auto redial.
- b) If reject tone

Auto redial is not open for whole system.
Auto redial on that extension is not allowed
Extension has not dialed numbers on trunk

To use AUTO REDIAL facility :

Open auto redial facility

64 + 5 / 4

5 : Auto redial ON

4 : Auto redial OFF

Set maximum numbers of auto redial attempts setting

58 + 99

(01 to 99) (default number of attempts is 5)

Set auto redial time gap setting

59 + MM + SS

(1 to 5 MINUTE) (default time gap is 2 minute)

Allow Auto Redial to Extensions

91 + EXT NO. + 4/5

4 : disallow Auto redial

5 : allow Auto redial

Tune Auto Redial Filter

Dial 6960 (you will get trunk dial tone, adjust trimmer on CPU for glowing LED on dial tone not blinking)

Cancel the auto redial

- Dial 61

Assurance tone

AUTO CALL TRANSFER (CLI BASED CALL ROUTING)

(Require optional CLI Card)

The incoming call will transfer to extension if number stored in auto call transfer buffer will match.

If number do not match than normal landing of trunk.

This facility can be used only with CLI facility on trunk line.

Programming related to AUTO CALL TRANSFER :

To store number (Total 20 numbers can be stored)

72 + ext no. + STD/ISD/TELEPHONE NUMBER

Clear auto transfer buffer

730 (all numbers stored in buffer will be deleted)

Clear auto transfer buffer

731 + STD/ISD/TELEPHONE NO. (to delete particular number *)

To take print of auto transfer buffer

Dial 8488

DID (VOICE GUIDED DISA) :

(Available in ULTRA Series)

You have to allow DID on trunk by :

- 98 + trunk no + XY (option for trunk)
- Trunk no : 71/72/73 to 78 for higher models
- X : for day
- Y : for night
- 6 : DID else simultaneous ring at self service group
- 7 : DID else simultaneous ring at common service group
- 8 : DID else round robin hunting at self service group

TO RECORD VOICE FOR DID

- 69 +
 - 85 : voice recording for first message (Day Mode)
 - 86 : to listen first recorded message
 - 87 : voice recording for second message (Night Mode)
 - 88 : to listen second recorded message

PRINTER RELATED PROGRAMMING :

(Available in ULTRA Series)

For online printing setting

648

For offline printing setting

649

Open Incoming Call Login facility

- 732 disable incoming call login
- 733 enable incoming call login

Note : *incoming calls will login only if CLI on trunk is enable.*

Open Missed Call Login facility

- 734 disable missed call login
- 735 enable missed call login

Note : *Miss calls will login only if CLI on trunk is enable.*

Printer port Diversion

- 736 for hyper terminal i.e. all data to serial port RS 232 type
- 737 for parallel port (will support parallel printer Dot Matrix)

Parameters for serial ports are as under

Bits per Second **19200 for 308 & 1264 and
9600 for 616, 824, 832**
Data Bits **8**
Parity **None**
Stop Bit **1**
Flow Control **None**

Particular ext/trunk printing (available in 309 to 832)

82 + 0/1 + ext/trunk no. + ext no./trunk no.

0 : STD/ISD calls

1 : All calls

(on computer type p82 + 0/1 + start Ext. + End Ext. +)

Particular date printing (available in 309 to 832)

Pw + 83 + 0/1 + Start ext + End ext + date (DDMMYY) + *

(on computer type p83 + 0/1 + Start Ext. + End Ext. + date + enter)

Particular ext/trunk printing (available in **1264**)

82 + 0/1 + Ext/Trk1 + Ext/Trk2 + Ext/Trk3 + Ext/Trk4 + *

0 : STD/ISD calls

1 : All calls

(on computer type p82 + 0/1 + start Ext. + End Ext. +)

Particular date printing (available in **1264**)

Pw + 83 + 0/1 + (DDMMYY) + Ext1 + Ext2 + Ext3 + Ext4 + *

(Ext - minimum four different members)

Clear Printer Buffer

69 + 69 : clear the printer buffer

Printing format

8411 : buffer printing (on computer type p8411)
8422 : stop printing
8455 : resume printing
8466 : incoming call printing (on computer type p8466)
8477 : missed call printing (on computer type p8477)
8488 : auto call transfer printout (on computer type p8488)
8489 : Printout Global bank 1 (on computer type p8489)
8490 : Printout Global bank 2 (on computer type p8490)

DATE & TIME SETTING

60 + HH + MM Set time in 24 Hrs Format

61 + DD + MM + YY Set Date

DD day from 01 to 31

MM Month from 01 to 12

YY Year last two digits

AUTO DAY / NIGHT MODE

You can keep your system in either Auto or manual day/night mode

For auto mode
641

For manual mode
640

Set timings for auto day/night mode

62 + w + HHm + MMm + HHe + Mme
HHm morning start hours
MMm morning start minutes
HHe evening start hours
Mme evening start minutes
w is the week day 1 to 7
Sunday = 1, Saturday = 7

to set manually night mode dial 112 + nite code + 0
to set manually day mode dial 112 + nite code + 1

EMERGENCY REPORTING

To allow this facility to extension

87 + EXT NO. + 0/1
0 : emergency reporting disallow
1 : emergency reporting allow

Emergency reporting group

70 + EX1 + EX2 + EX3 + EX4

REMOTE PROGRAMMING

- Establish conversation with trunk
- Dial flash + 69
- Trunk and ext. both will listen confirmation tone.
- Dial Password (default 1234)
- Now you can start Programming
- If Programming accepted then confirmation tone
- Else reject tone
- To disconnected dial '#' else you will disconnect after 15 seconds

FLASHTIME SETTING OF EXTENSION

71 + EXT + count
count : 3 to 9 and 0
here each count stand for 100ms
0 means 1 sec.
and 9 means 900 m.s.

CALL DISCONNECTION INCOMING CALL

To disconnect outgoing/incoming call after predefined time

91 + Ext. no. + 6/7
6 : disable this facility
7 : enable this facility

CALL DISCONNECTION OUTGOING CALL

90 + Ext. + 6/7 6 = Disable
 7 = Enable

CALL DISCONNECTION DURATION

56 + X X = 1 to 9 Minutes

FORCED RELEASE OF EXTENSION/TRUNK

86 + Ext. no. + 4/5 4: Disallow
 5: Allow

CALL PRIVACY

67 + EXT.No. + 2/3
2: privacy off
3: privacy on

BARGE IN WITH TONE

67 + Ext. no. + 4/5
4: barge in tone off
5: barge in tone on

BARGE IN WITHOUT TONE

90 + Ext. no. + 0/1
0: off
1: on

DO NOT DISTURB

85 + Ext. no. + 0/1
0: Disallow
1: Allow

DO NOT DISTURB OVERRIDE

85 + Ext. no. + 0/1
0: Disallow
1: Allow

PAGING RIGHTS (Available in Ultra Series)

87 + Ext. no. + 2/3

2: Disallow

3: allow

DOSA ALLOW (Available in Ultra Series)

86 = EXT. + 2/3

2: Disallow

Central Ringer (Available in Ultra Series)

642 Off

643 On

Time for Central Ringer

65 + 1 to 4 + HH MM (total four alarms can be feeded)

Central Ringer Duration

55 + SS

SS=05 to 60 seconds

To reset the full system

69+49 (after this command the full system reset to initial state)

To reset personal password

67 + Ext. + 9 (the ext. password will be default i.e. 777)

To Create Master copy in NV RAM

69+58

To recover Master copy from NV RAM

69+59

CHANGE PROGRAMMING PASSWORD

99 + New Pw + New Pw

CHANGE NIGHT CODE

88 + ZZ

Nite code become ZZ default 99

Extension pickup Group : Pw + 89 + Ext. No. + Group No : (0 to 9)

Second Programming Ext : Pw + 52 + Ext. No.

(Default is 20 & 21)

Transfer Ring Pattern

37 + 0/1

0: Double Ring

1: Single Ring

Pulse rate setting including timing for local or 98 or STD/ISD (only in Ultra)

75 + 00 to 99 + Pulse + STD Code/Local Code

Pulse - (3 Digit)

STD Code - (Six digit max)

For example you want local 120 sec., mobile calls 60 sec., WLL 90 seconds and Mumbai 16 seconds then the programme will be

75 + 00 + 120 + 2* Local starting from digit 2

75 + 01 + 060 + 98* Mobile starting from digit 98

75 + 02 + 090 + 3* WLL starting from digit 3

75 + 03 + 090 + 5* WLL starting from digit 5

75 + 04 + 016 + 022* Mumbai 16 sec. pulse

Similarly you can feed pulse for 95 or 94 or any other STD/ISD code.

Pulse Call Format

74 + X + PPP

PPP in paisa (000-999)

1 : for local

2 : for 95

3 : for STD

Hotel Features available in 616/832 Ultra Model (Require Software replacement)

Change Number

51 + present number + new number

If new number already exist then present number and that number will interchange.

Check In

Pw + 46 + Ext. No. + 1

Check Out

Pw + 46 + Ext. No. + 0

After check out the call printout will come on printer.

Room to Room Barring (for 1264 Model)

Pw + 34 + Ext. No. +4/5 +

4 : Intercom to Intercom not allowed

5 : Intercom to Intercom allowed

Guest Service Group Setting

We can have three types of groups : Single guest group, Party guest group and Service group. Each extension can be classified under service group or guest.

Guest group 0 :

This group can call only service group extns. They cannot call any other guest. Normally, rooms occupied by separate guests should put in this group.

Guest Group 1 to

Guest Group 8 :

Suppose a group of guests arrives in a hotel and they occupy 4 rooms and these 4 rooms can be grouped in one group say group 1. Once this is done, ext. programmed in group can call each other. They can also call service group ext. but cannot call other guest groups ext. if programmed or even extns. in group 0.

Eight such group can be defined

Service group 9

All extensions belonging to hotel staff and management can be classified in this group. Any extension can be called from this group.

Programming for guest group

49 + extension number + group number
group number (0 to 9)

Change Operator Extension

50 + extension number (only for 832 Model)

50 + 1 + Ext. No. for 1st operator (only for 1264 model)

50 + 2 + Ext. No. for 2nd operator (only for 1264 model)

Default ext. is 100 and operator can be access by any ext. by just dialing 9.

Floor Service

In hotels, all the rooms on one floor have a service room for room boys. The guest are required to dial an ext. no. (we call it a floor service code) to call room boy, just dial 8. The calls will go to service ext. of that floor.

To make floor

48 + extension number + floor number

To make floor service extension

47 + floor number + extension number

Call maturity timing

66 + time (05-50 sec.)



Note : Please make sure when ever connecting Printer or computer to the EPABX system there should not be any voltage between the EPABX earth and the computer/printer earth otherwise damage may occur in any of the device.

