

308 Inspire Programming Guide

CREATING BENCHMARKS SINCE 1981

Telecom | Multi Floor Apartment Solution | Audio-Video Broadcasting | Surveillance
Multi Floor Home Alarm | Smart Energy Meter

e-mail: crystal@crystalpbx.com | www.crystalpbx.com

SECTION A

Main System Program Option

(1) **MAIN PASSWORD (M.P)** : To prevent unauthorized users from reprogramming the system, a four-digit password set which your dealer will disclose to you. This password should be kept confidential to prevent has Been misuse of the system. Toreprogram any facility,

Step	Procedure	Tones	Abbreviations / Remark
1	Lift handset	Internal Dial Tone	
2	Dial Main password - *89 00 00	Beep tone	0000 = Default Main PW
3	Now, you can program the EPABX as per your needs		

- ❖ You can program multiple features one by one. After each correct program you shall get a confirmation tone otherwise aerror tone.
- ❖ If you make any mistake while programming, simply disconnect and startagain.

To come out of programming mode	Dial "0" & hang up
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Caution: - All System Programming can be done only in Main Password Mode (M.P mode) from any Extn.in tone / DTMF mode at the site.

(2) **CHANGING PASSWORD** : To Set New Main Password for the system

Step	Procedure	Tones	Abbreviations / Remark
1	Lift handset	Internal Dial Tone	
2	Dial Main password - *89 XXXX	Beep tone	XXXX= Old Main PW
3	To change Dial 89 YYYY	Confirmation tone	YYYY= New Main PW

Note: - In case one forgets the Main Password, then proceeds as follows, to get default PW:

- ❖ Switch OFF the system
- ❖ Insert jumper cap on the two pin jumper (P.W.RST - near 3v battery)
- ❖ Switch on the system
- ❖ Wait for Dial Tone & remove jumper cap
- ❖ Dial *890000, GET BEEP TONE, and now dial 0 to exit from password.
- ❖ After this operation, password shall revert back to original *890000

(3) **CLEARING MEMORY** : To clear the entire memory & load the system with default settings, dial (from PW mode)

Step	Procedure	Tones	Abbreviations / Remark
1	96 + 0000	Confirmation tone	

After this operation, system shall revert back to default mode for all features.

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(2)

(4) DATE & TIME SET: Set date & time for using -- "Alarm", "Auto Day Night", "Dynamic Lock," "Hotline" functions. To do so

Step	Procedure	Tones	Abbreviations / Remark
1	Dial 82+DD+MM+YY+DAY+ HH:MM DAY = 1 Sunday , 2 Monday.....7 Saturday, HH:MM=time in 24 hour format	Confirmation tone	DD = Date 01 to 31, MM = Month 01 to 12, YY = Year 00 to 99

Example: - To set 2.05 p.m., 1st June Friday 2014, Dial Main password + 82 01 06 14 6 14 05

(5) FLEXIBLE NUMBERING (EXTN / JN) : You can change any extension/ junction number .To do so

Step	Procedure	Tones	Abbreviations / Remark
1	Dial 371 + YY + ZZZ	Confirmation tone	YY = Port No. 01 to 11, ZZZ = flexible (1 to 3) digit number of Extension / Junction

Note: - Flexible no. can be of max. 3 digit. If less than 3 digit ,dial # to get confirmation tone.

Default setting is as below--

Extension & port no.				Junction & port no		Abbreviations / Remark
Port No.	Extn. No.	Port No.	Extn. No.	Port No.	JN No.	
01	21	05	25	09	61	
02	22	06	26	10	62	
03	23	07	27	11	63	
04	24	08	28			

To set default flexible number (Extn / Jn):

Dial 373 + XXXX	XXXX = Main PW
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(6) FLEXIBLE FEATURES CODE : You can change any feature operating code. To do so

Step	Procedure	Tones	Abbreviations / Remark
1	Dial 372 + YY + ZZZ	Confirmation tone	YY = location No. (L. No.) 01 to 15 ZZZ = flexible feature code

Note: - Flexible code can be max. 3 digits. If less than 3 digit's, dial # to get confirmation tone.

Default Feature Code setting is as below--

L. No	Feature Name	Flex Code	L. No	Feature Name	Flex Code
01	Call forward / DND	721	08	Dynamic lock P. W.change	86
02	Call forward / DND cancel	720	10	Memory Dialing	88
03	Extn / Jn Hot line	16	11	System Password	*89
04	Call pick up	4 (single digit change only)	12	Trunk Group	0
05	Alarm	98	13	Day / Night Mode	*85
06	Set Dynamic lock	81	14	Paging	87
07	Open dynamic lock	82	15	Selective call pick up	76

To set default feature code:

Dial 373 + XXXX	XXXX = Main PW
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(7) FEATURE ENABLE / DISABLE CODE FOR EXTN : You can enable / disable feature of any extension. To do so

Step	Procedure	Tones	Abbreviations / Remark
1	Dial 31 + XX+ ABCDEFGH	Confirmation tone	XX = Extension no., ABCDEFGH = 1 enable,2 disable

Default Feature Location setting is as below--

L. No	Feature Name	Default	L. No	Feature Name	Default
A	Barge in	2 = disable	E	Conference	2 = disable
B	Monitor	2 = disable	F	Relay	1=enable
C	Hot line	1 = enable	G	Direct CLI ON/OFF	2=disable
D	Call forward	1 = enable	H	Not applied	

(8) CALL TRANSFER WITHOUT FLASH : With this unique feature, one can transfer an incoming call without use of FLASH KEY. To do so

Step	Procedure	Tones	Abbreviations / Remark
1	Dial 218 + 17 + X (Default setting= 2)	Confirmation tone	X= 1 for ON, 2 for OFF

NOTE:- This feature can be used only with default extn. number's

(9) RELAY(ON/OFF or CLICK) ACTION : To do so

Step	Procedure	Tones	Abbreviations / Remark
A	To set RELAY action Dial 218 + 06+ X	Confirmation tone	X= 1 RelayClick Action = 2 Relay Normal ON/OFF Action
B	To set Click Action Timer Dial 217 + 11 + XX	Confirmation tone	XX = 01 to 99 m.sec (Default = 10m.sec)

(10) RELAY ON/OFF TIMER : Max.10 set of timing's can be programmed for the relay to switch on/off automatically. To do so

Step	Procedure	Tones	Abbreviations / Remark
A	Dial 84 +X+HHMM (ON) + HHMM (OFF)	Confirmation tone	X= 1,2,.....9,0 location no, HHMM = 24 Hr format
B	To set relay in auto mode Dial 218 + 10 + X	Confirmation tone	X = 1 for Auto 2 for Manual

SECTION B

Outgoing Call Program Option

(11) **JUNCTION GROUP ACCESS** : To make an outgoing call , you can set for junction line access in Linear or Rotational mode. To do so

Step	Procedure	Tones	Abbreviations / Remark
1	Dial 218 + 02+ X (Default setting= 2)	Confirmation tone	X= 1 for linear way 2 for Rotational way

(12) **SELECTIVE JUNCTION ACCESS** :

Step	Procedure	Tones	Abbreviations / Remark
1	Dial 801 + Extn no. + X + Y + Z (Default setting= 1 for X/Y/Z)	Confirmation tone	X = Jn61, 1 for on 2 for off, Y = Jn62, 1 for on 2 for off, Z = Jn63, 1 for on 2 for off

(13) **JUNCTION ACCESS GROUP** :

Step	Procedure	Tones	Abbreviations / Remark
1	Dial 91 + JN no. + X + Y (Default setting= 1 for X/Y)	Confirmation tone	Junction no. = 1 / 2 / 3 or 0 X (Day Mode) = 1 for ON, 2 for OFF Y (Night Mode) = 1 for ON, 2 for OFF

(14) **JUNCTION TIE DIGIT** :

Step	Procedure	Tones	Abbreviations / Remark
1	Dial 54 + JN no. + X (Default setting= 0 for X)	Confirmation tone	Junction no. = 1 / 2 / 3 or 0 X (Tie digit) = 1 to 9

(15) **CLASS OF SERVICE (COS)** : You can set different class of service for any extn to make external call. To do so

Step	Procedure	Tones	Abbreviations / Remark
1	Dial 94 + Extn no. + Day COS+ Night COS (Default setting= 1 for DAY/NIGHT COS)	Confirmation tone	COS = 1 for LOCAL CALL, 2 for STD CALL, 3 for ISD CALL, 4 for only Intercom

(16) **DYNAMIC LOCK DELAY TIMER SETTING** : You can set dynamic lock time delay to protect misuse of external calls.
To do so

Step	Procedure	Tones	Abbreviations / Remark
1	Dial 219 + Extn no. + X (Default setting=0 for manual setting)	Confirmation tone	X= 0 for manual setting, 1 to 9 minute for auto lock setting

DYNAMIC LOCK DISABLE : You can disable the dynamic lock function of any extn. To do so

Cancellation of DYNAMIC LOCK	Dial 862 +EXTN.NO., Get confirmation tone
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(17) HOTLINE DELAY TIMER : You can set hotline delay timer to make a call directly. To do so

Step	Procedure	Tones	Abbreviations / Remark
1	Dial 217 + 19. + XX (Default setting= 3 sec)	Confirmation tone	XX = Delay time-01 to 98 sec

(18) MEMORY DIALING : You can store 50 external numbers for memory dialing. To do so

Step	Procedure	Tones	Abbreviations / Remark
1	Dial 88 + LL + Y+ external no. + #	Confirmation tone	LL = Location no.(00 to 49), Y = JN line no./ JN Gr no. (1=jn 1,2 =jn 2&3 =jn3)/(Gr0)

SECTION C

Incoming Call Program Option

(19) INCOMING CALL LANDING EXTN : (D/ N) Upto three extension's can be set for incoming call landing. These three extension's can be separate for day / night mode. To do so

Step	Procedure	Tones	Abbreviations / Remark
1	(A) For Day mode Dial92+ JN no. + Ext1+Ext2+Ext 3 (B) For Night mode Dial 93+ JN no. + Ext1+Ext2+Ext 3	Confirmation tone	JN = 1 for JN 1, 2 for JN 2 3 for JN3 (Default = All JN for Extn 21,22,23)

Note: - if number of desired extension's is less than 3, then repeat last Extn no. to get confirmation tone.

(20) ROUND ROBIN FIRST EXTN. BUSY (WAITING BEEP ENABLE /DISABLE) :

Step	Procedure	Tones	Abbreviations / Remark
1	Dial 218 + 18+ X (Default setting= 2 Disable)	Confirmation tone	X = 1 for Enable Beep 2 for Disable beep

(21) INCOMING CALL RING TYPE : (D / N) For incoming call, You can set incoming call landing pattern for either rotational / simultaneous ring on extensions for day/ night mode. To do so

Step	Procedure	Tones	Abbreviations / Remark
1	Dial 46 + JN no. + Ring type (Day mode) + Ring type (Night mode) (Default setting= 1 R/R)	Confirmation tone	Junction = 1 - JN1, 2 - JN 2,3 - JN 3 Ring type = 1 for Round Robin (R/R) 2 for Simultaneous

(22) TO SET AUTO DAY NIGHT CHANGE OVER TIMING :

Step	Procedure	Tones	Abbreviations / Remark
1	Dial 83+Day+HH+MM (Day) +HH+MM (Night) DAY= 1 Sunday ,2 Monday.....7 Saturday, HH:MM=time in 24 hour format	Confirmation tone	HH MM (Day) = Day mode start time HH MM (Night) = Night mode start time

Default timing for all seven day : 09 00 AM for day mode & 1800 PM for night mode

(23) INCOMING CALL RING TIMER SETTING :

Step	Procedure		Tones	Abbreviations / Remark
A	To set ring duration on an extension, before it jumps to next,	Dial 217 + 10 + XX	Confirmation tone	XX = 01 to 98 sec (Default = 15 sec)
B	If there is a small ring before caller ID number is sent, you shall need to set a delay for incoming call landing.	Dial 217 + 41 + XX	Confirmation tone	XX = 01 to 98 sec (Default = 02 sec)
C	On an incoming call, if there is a long gap between two ring cycles, you can increase this delay setting	Dial 217 + 43 + XX	Confirmation tone	XX = 01 to 98 sec (Default = 05 sec)

SECTION D

Timers

(24) Timers :

Sr. No.	Type of Timer	Description	Prg steps	Remark
1	Inter digit timer	It is the maximum permissible delay between two dialed digits. Also if common numbering is enabled, after dialing last digit, any action will be taken after this delay	Dial 217 + 00 + XX Get Confirmation tone	XX = 01 to 99 sec (default 03)
2	Error tone timer	It is the time for which an extension shall get error if any wrong digit is dialed. To change this timer,	Dial 217 + 01 + XX Get Confirmation tone	XX = 01 to 99 sec (default 05)
3	Dial tone timer	It is the time for which an extension shall get dial tone on going off-hook. To change this timer	Dial 217 + 02 + XX Get Confirmation tone	XX = 01 to 99 sec (default 15)
4	Busy tone timer	It is the time for which an extension shall get busy tone. To change this timer	Dial 217 + 03 + XX Get Confirmation tone	XX = 01 to 99 sec (default 06)
5	Ring timer	It is the time for which an extension shall ring for any internal call. To change this timer	Dial 217 + 04 + XX Get Confirmation tone	XX = 01 to 99 sec (default 45)
6	Confirmation timer	It is the time for which an extension shall hear confirmation tone after any feature code . To change this timer	Dial 217 + 08 + XX Get Confirmation tone	XX = 01 to 99 sec (default 01)
7	Round robin timer	For an incoming call, it is the time for which a extension will ring before it is transferred to next extension on round robin mode. To change this timer	Dial 217 + 10 + XX Get Confirmation tone	XX = 01 to 99 sec (default 15)

CCTV DVR and Camera

- NVR
- AHD



- H.264 DVR 4Ch/8Ch/16Ch/32Ch (3G & Free DDNS)
- Camera Dome/Water Proof/IR
- Camera PTZ/NPR/Varifocal
- 480/700/1000 TVL, 650/720/900 TVL

Audio Video Broadcasting Cum Monitoring System

Audio
16 Ports



Audio Video
16-256 Ports

- Audio Broadcasting/Monitoring (Multi-zone)
- Video Monitor/Switcher (Multi-zone)
- Music System Connectivity*
- Scheduler Connectivity*
- Safety Alarm Connectivity*

Scheduler



- Standalone Automatic bell
- Multiport o/p for BCS/Gang bell/Spk.
- 10 different bell
- Multiple time level
- Programmable Holiday
- Panic/Safety announcement

Video Door Phone



4" & 5.6"
with Handset

- VDP Functions
- Home Alarm
- Telephone Functions
- Door Unlock
- Double Camera Port

4" & 7"
Hands Free

CrystalTM
Telecom • Energy Meter • CCTV

Guard Society Intercom

- Flexible Numbering
- Intercom CLI
- Talking CLI
- Chairman Broadcast
- Vendor Message



- Guard GX (16/32/48 Ports)
- Guard G-2K (16-2048 Ports)
- Flexi Model

Smart Energy Meter



- Dual Sense
- Pre-Paid

Multi Floor Home Alarm System



- 16 Ports to 2048 Ports
- SMS, Panic info
- Home/Away function
- Hoوتر

Hybrid Analog EPABX

- Fixed/Modular Design
- 5 Ports to 96 Ports
- KTS
- OP-CON
- Security Function



Digital EPABX

- Modular Design
- 8 Ports to 188 Ports
- KTS
- OP-CON
- PRI

जय श्री बाला जी Crystal Digital Concepts Pvt. Ltd.

Corporate Office : C-3, DSICD Engineering Complex,
Mangolpuri Industrial Area, Phase-I, New Delhi-110 083,

mail us : crystal@crystalpbx.com • visit us : www.crystalpbx.com

Marketing Office : 909, Shilp Building, C.G. Road,
Navrangpura, Ahmedabad,
Tel. : 079-2640 2693, 3291 1292 Fax : 079-2640 2693
mail us : marketing@crystalpbx.com

• Mumbai • Kolkata • Ahmedabad • Surat

Manufactured by : Sinhal Udyog, Parwanoo (H.P)