



# Inspire Model 104/206/308/414 User Guide



QR for Inspire User Manuals



**Be Vocal  
For Local**



## PRODUCT VIEW

**Inspire 104**



- 104**
- 1 Trunk
  - 4 Extension

**Inspire 206**



- 206**
- 2 Trunk
  - 6 Extension

**Inspire 308**



- 308**
- 3 Trunk
  - 8 Extension

**LED  
Display**

**Inspire 414**



- 414**
- 4 Trunk
  - 14 Extension

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### General Information

**Default Extension Dial No/ Trunk Access No.**

Model	Extension Dial No.	Trunk Access No.
104	21,22,23,24	61 or 0/*5
206	21,22,23,24,25,26	61,62 or 0/*5
308	21,22,23,24,25,26,27, 28	61,62,63 or 0/*5
414	21,22,23,24,25,26,27, 28.....34	61,62,63,64 or 0/*5



Power Failure Trunk Transfer : Trunk line Directly Connect with pre-assigned extension no. in case of power failure / shut down / switch off the system

Model	PFTT extension no.
104	Extn 21 for line 1
206	Extn 21 for line 1, Extn 22 for line 2
308	Extn 21 for line 1, Extn 22 for line 2, Extn 23 for line 3
414	Extn 21 for line 1, Extn 22 for line 2, Extn 23 for line 3, Extn 24 for line 4

**Special Remarks for value added optional functions with products / cards**

Sr. No.	Features	414	308	206	104
1.	KTS Connectivity (optional)	YES	YES	NO	NO
2.	FSK CLI (Caller ID)(optional)	YES	YES	YES	YES
3.	Relay & Paging (optional)	YES	YES	NO	NO
4.	Voice DID (optional)	YES	YES	NO	NO
5.	MMOH (optional)	YES	YES	NO	NO
6.	FND Display (optional)	YES	YES	NO	NO
7.	KTS interface (2 Port)	Compulsory to install with KTS set			
8.	FND interface	Compulsory to install with FND			

- Note :-**
- (1) Optional FSK CLI support only 2 trunk port (Line 1 & Line 2) with 414 model
  - (2) Required optional extra card / products on additional cost to use function of KTS, FSK, Relay & Paging, DID, MMOH and FND.
  - (3) 308/414 Model only support timer function like alarm, auto day night,.....etc.
  - (4) Either KTS or FND can install at a time .

Optional for 308 / 414	
<p><b>FND</b></p>  <ul style="list-style-type: none"> <li>✍ Date &amp; time Display</li> <li>✍ Room No. / Extn. No. Display</li> <li>✍ Room Buzzer Alert No. Display</li> <li>✍ Room call Buzzer waiting flash</li> <li>✍ Call waiting flash clear option</li> </ul>	<p><b>KTS</b></p>  <p style="text-align: center;"><b>Keys with Tri Colour LED</b></p> <p style="text-align: center;"><b>KX - 30</b></p> <p>LCD Display 2 line                      Caller -ID                      H/F Speaker Phone                      Digital Volume Control                      Tri Colour LED - Extn / Trunk / Busy</p> <p style="text-align: right;">28 (14+14) Programmable and 13 Function Key</p>

Note :- FND Interface card compulsory to install with FND

Note :- KTS Interface card compulsory to install with KTS

## Function Summary

No.	Function	User code	Flexible plan	Remark
1	Intercom Call	21,22,23,24,25,26.....34	Yes (1 to 3 digit)	
2	Junction No. Access	61,62,63,64 or 0/*5	Yes (1 to 3 digit)	System Program
3	Last No. Redial	Dial #	No	
4	Answer/ Receive Call	See User Function		
5	Call Hold & Retrieve	See User Function		
6	Call Consult	See User Function		
7A	Call pickup	*4	Yes	
7B	Selective call pickup	*76+extn.no.	Yes	
8	Call transfer	Flash + Extn. No.	No	
9	CLI	See User Function	No	
10	Auto call Back(extn/jn)	Dial 75	No	
11	Do not Disturb	*721+Self Extn. No.	Yes	User Program
	DND cancel	*720	Yes	
12	Call Forward	*721+Extn. No.	Yes	
	Call Forward cancel	*720	Yes	
13	Barge in	Dial 83	No	System Program
14	Call toggle	Flash + 1	No	
15	Monitor	Dial 80	No	System Program
16	Conference (3 Party)	Flash + 0	No	System Program
17	Day/Night Mode	*85+1/2/3 (Day/Night/Auto )	Yes	System / User Program
18	Flash Time	See User Function		
19A	Dynamic Lock	*81+ self PW	Yes	System / User Program
B	Dynamic Lock OPEN	*82+ self PW	Yes	
C	Dynamic Lock PW change	*86+Old PW+New PW	Yes	
20	Hot line (Extn./Jn.)	*16+1+ Extn / Jn	Yes	System / User Program
21	Hot line Fun./cancel	*16+0	Yes	
22	Alarm	*98+ 2 (one time) /3,4,5 (repeat)	Yes	User Program
23	Relay Port	*16+ 5 (On) / 6 (Off) / 7 (click)	Yes	System Program
24	Paging	*87+1	Yes	System / User
Program				
25	Trunk Reservation	*112	Yes	System Program
26	Emergency dial	*99	Yes	System Program
27	FND Access	21/22/23/24		
28	Global Dial	*88 + 00 to 99	Yes	System Program

**Remark:** - PI refer to programming / user section to activate these function's

**Caution:** - All System Programming can be done only in Main Password mode from any Extn. in tone / DTMF mode at the site.

**(1) INTERCOM Call (Extension to Extension) :** To make an internal call

Step	Procedure	Tones	Abbreviations
1	Lift handset	Internal Dial Tone	
2	Dial desired extension number	Ring Back Tone	Extn. No. is 21,22,23,24.....34
3	Start talking when other extension answers		
4	Hang up when conversation is over		

- ❖ "If you get busy tone ( i.e. the dialed extn is busy ), hang up & try again later or use the "Auto Call Back" function.

**(2) TRUNK / JN CALL (Junction no. Access) :** To make an outside call

Step	Procedure	Tones	Abbreviations
1	Lift handset	Internal Dial Tone	
2	Dial trunk access code	Trunk Line Tone	Access code 61/62/63/64 or 0/*5
3	Dial desired outside number	Ring Back Tone	
4	Start talking when called party answers		
5	Hang up when conversation is over		

- ❖ "If you get busy tone after dialing JN access code, hang up & try again later or use the "Auto Call Back" function.
- ❖ In default mode all Jn. Lines are programed in 0/\*5 group as rotational access.

**(3) LAST NO. REDIAL :** To redial last external dialed out number

Step	Procedure	Tones	Abbreviations
1	Lift handset	Internal Dial Tone	
2	Dial #		Redial last dialed external number

- ❖ Do not use "REDIAL" key of your phone to redial the last dialed external number.

**(4) ANSWERING / RECEIVING CALLS :** To answer a call

Step	Procedure	Tones	Abbreviations
1	Extension ringing	Ring Tone	
2	Lift handset		
3	Start conversation		
4	Hang up when conversation is over		

**(5) CALL HOLD & RETRIEVE :** To hold during conversation with trunk / Internal call, use following procedure.

Step	Procedure	Tones	Abbreviations
1	While talking with caller ( trunk / Internal )		
2	Press flash key or flash hook switch	beep beep Tone	Music tone to hold caller
3	Flash again to retrieve hold caller		

**(6) CALL CONSULT :** After put on hold existing caller, you can make another internal call to consult & reply back after retrieve. During consult total secrecy maintained for the call. Use following procedure :

Step	Procedure	Tones	Abbreviations
1	Hold the existing caller		Music tone to hold caller
2	Dial other extension number	Ring tone	
3	Reply by other party, consult with him		
4	Use flash + 1 again to retrieve hold caller		

**(7) CALL PICK UP :**

**(A) COMMON (INTERCOM CALL / TRUNK CALL) :** An extension can pick-up any ringing extension, To do so:

Step	Procedure	Tones	Abbreviations
1	Lift handset	Internal Dial Tone	
2	Dial *4 to connect to calling extension		
3	Start talking		
4	Hang up when conversation is over		

- ❖ Simultaneous & Auto call back Ring on an extension cannot be picked by any other extension.
- ❖ First Priority is always given to incoming call ring.

**(B) SELECTIVE (INTERCOM CALL / TRUNK CALL) :** To do so.

Step	Procedure	Tones	Abbreviations
1	Lift handset	Internal Dial Tone	
2	Dial *76 + XX		XX=Ringling Extension number
3	Start talking		
4	Hang up when conversation is over		

**(8) CALL TRANSFER :** You can transfer a call either after conversation with 2nd extn. or without consult (blind). to do so:

**(A) CALL TRANSFER WITH FLASH (INTERCOM CALL \ JUNCTION CALL):**

Step	Procedure	Tones	Abbreviations
1	While talking with caller		
2	Press the Flash Key, or Flash the HS	Beep-beep tone	HS=Hook switch
3	Dial Extension number	Ring Tone	
4 A	When other party answers, consult the call with him & hang up to transfer the Call.		
	OR		
4 B	Hang up before other party answer's. Call will connect automatically as soon as extn answer's.		

**(B) CALL TRANSFER WITHOUT FLASH (INTERCOM CALL OR JUNCTION CALL):**

Step	Procedure	Tones	Abbreviations
1	Speech with caller Ring Tone		
2	During Conversation, dial Extension number		
3 A	When other party answers, consult the call with him & hang up to transfer the Call.		
	OR		
3 B	Hang up before other party answer's . Call will connect automatically as soon as extn answer's.		

- ❖ If by mistake you dial the wrong extension number or the dialed extn is busy / goes noreply,press the Flashkey to reconnect back with the external caller.
- ❖ To revert back to the call on hold after conversation with any extn., press Flash +1.
- ❖ If the transferred call is not answered with- in 30 sec., it shall automatically disconnect.
- ❖ This Feature work only with default extension no.

(9) CLI (DTMF/FSK SIGNAL) : If you have a caller ID Telephone set, you can avail below three features:

- A) Calling extension number display.
- B) Caller ID number of incoming call (Round Robin / Simultaneous).
- C) Caller ID number of transferred call (Incoming / outgoing)

(10) AUTO CALL BACK ON BUSY : If the dialed junction/extn. is busy, you need not try it again and again. By using this feature the system will automatically call you when the phone becomes free. Lift the phone for dialing. To do so.

Step	Procedure	Tones	Abbreviations
1	Lift the handset	Internal Dial Tone	
2	Dial desired junction/Extn. Number	Busy tone	
3	During Busy tone Dial 75	Confirmation Tone	
4	Hang up		

(11) DO NOT DISTURB (DND) : If you do not want to receive any calls ,you can enable this feature.To do so:

Step	Procedure	Tones	Abbreviations
1	Lift handset	Internal Dial Tone	
2	Dial *721 + xx,	Confirmation Tone	XX = Self Extension number
3	Hang up,		

Now if any other extension calls your extension, he will get error tone

**Note:**A broken dial tone is always heard on the extension with this feature enabled. However you can make outgoing calls normally from this extn.

<b>Cancellation of DND</b>	Lift handset & Dial *720, Get confirmation tone
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(12) **CALL FORWARD** :You can forward all calls to any other extension. This is use ful when you are move to some other extension and do not want unattended your calls. To do so:

Step	Procedure	Tones	Abbreviations
1	Lift the handset	Internal Dial Tone	
2	Dial *721 + xx,	Confirmation Tone	XX = Extn. No., where calls forwarded
3	Hang up,		

Now anyone dialing your number shall be connected to this forwarded extension.

**Note:** A broken dial tone is always heard on the extension with this feature enabled. However you can make outgoing calls normally from this extn.

<b>Cancellation of Call Forward</b>	Lift handset & Dial *720, Get confirmation tone
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(13) **BARGE-IN(WITH WARNING TONE)** : With this facility you can convey priority message to a busy extension. To do so:

Step	Procedure	Tones	Abbreviations
1	Lift handseat	Internal Dial Tone	
2	Dial desired Extension- If busy	Busy Tone	Busy with intercom or trunk call
3	On Busy tone dial 83	Warning tone to All	2 sec Beep Beep tone before intercept
4	Start conversation		

❖ Barge-in shall not work if the busy extension is in Dialing / Ringing / Conference mode.



**(14) CALL TOGGLE :** You can toggle between your current call (Intercom / JN) & a 2nd call on hold.

Step	Procedure	Tones	Abbreviations
1	Hold the existing caller		Music tone to hold caller
2	Dial other extension number	Ring tone	
3	Reply by other party, consult with him		
4	Now Press Flash + Dial 1 for Call Toggle		Music tone to hold caller
5	Repeat Step 4 to toggle between both Party		
6	Hangup, when conversation is over		

**(15) MONITOR :** With this facility you can monitor conversation of two extensions without any indication (short beeps) to busy extn

Step	Procedure	Tones	Abbreviations
1	Lift handset	Internal Dial Tone	
2	Dial desired Extension- If busy	Busy Tone	Busy with intercom or trunk call
3	On Busy tone dial 80	No Warning tone	Now can monitor the call (after 1 sec)
4	Hang up		

**(16) CONFERENCE (THREE PARTY) :** You can make conference among yourself & other two (either extn. or Jn.). Proceed as below with different options

- 1) All three intercom, 2) Two intercom & one JN call, 3) Two JN call & one intercom

Step	Procedure	Tones	Abbreviations
1	In speech with Extn/Jn		
2	Press F (Flash) Key, to put On hold	Music tone	Music tone to hold caller
3	Dial 2nd Extension / Jn number		
4	When extension answer's,		
5	Press Flash Key & Dial " 0 "		
	Three party conference is established		
6	Hang up, when conversation is over		

When the master extension which had originated conference goes On-Hook, conference will be terminated.

**NOTE :** While adding extensions/ junction., you may get

- A) Busy Tone** - Dial **Flash + 2** and re-start the process.
- B) Error Tone** - Dial **Flash + 2** and re-start the process.
- C) No-Reply** - Dial **Flash + 2** and re-start the process.

**(17) DAY/NIGHT MODE :** To set for day / night / auto, landing mode for incoming call

Step	Procedure	Tones	Abbreviations
1	Lift handset	Internal Dial Tone	
2	Dial *85 + 1/2 for Manual D/N mode	Confirmation tone	1= day (D) & 2= night (N) mode
	OR		
	Dial *85 + 3 for Auto D/N mode	Confirmation tone	
3	Hang up		

**(18) FLASH TIME :** Flash time duration setting of the extension need to program, if flash not responding properly to operate different user function. Default time set for 600ms of all extension. To change the flash time, please consult with dealer / installer.

**(19) DYNAMIC LOCK :** An extension can use dynamic lock to protect misuse of outgoing trunk call's from his extn. To do so:

**(A) TO SET DYNAMIC LOCK**

Step	Procedure	Tones	Abbreviations
1	Lift handset	Internal Dial Tone	
2	Dial *81 + self password (xxxx)	confirmation tone	Default XXXX is 1111
3	Hang up		

**(B) TO OPEN DYNAMIC LOCK**

Step	Procedure	Tones	Abbreviations
1	Lift handset	Internal Dial Tone	
2	Dial *82 + self password (xxxx)	Confirmation tone	Default XXXX is 1111
3	Hang up		

**(C) TO CHANGE SELF PASSWORD**

Dial *86 + XXXX + ZZZZ	XXXX = Old self password ZZZZ = New self Password
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**(20) HOTLINE EXTN. / JN.:** You can use hotline, when a particular extension/jn is to be used repeatedly. To do so

Step	Procedure	Tones	Abbreviations
1	Lift Hand set	Internal Dial Tone	
2	Dial *161 + XX	Confirmation Tone	XX = Extension Number /Junction no.

**Note-** Refer programming manual to set delay timer for HOTLINE. Default time is 3 Sec.

**(21) HOTLINE FUNCTION:**

Step	Procedure	Tones	Abbreviations
1	Lift hand set	Internal Dial Tone	
2	Wait for automatic dial of extn / Jn number	Ring back/ Jn tone	
3	Start talking when set extension answers or dial outside no. after Jn. Dial tone		
4	Hang up, when conversation is over		

<b>Cancellation of Hotline</b>	Lift handset & Dial *160, Get confirmation tone
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**(22) ALARM :**

Step	Procedure	Tones	Abbreviations
1	Lift handset	Internal Dial Tone	
A	One Time Alarm (ring at specified time) Dial *982+HHMM	Confirmation tone	HHMM = 24 Hr format
B	Repeat Alarm (ring daily at specified time) Dial *98+ X+HHMM	Confirmation tone	X = 3 1ST Alarm, 4 2ND Alarm, 5 3rd Alarm

**Note :-** Your extension shall now ring daily at this time specified time till it is not cancelled.

To cancel all alarm's	Dial *980
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(23) RELAY PORT : The relay port can be used manually or set for pre-programmed timings to switch on/off any electrical appliance.

Caution: - If the electrical appliance consumes less than 0.5 amp. of current (i.e. - 100 watt ),you can drive it directly, and if it consumes more, you can drive it through an external relay/contactor.

**(A) MANUAL OPERATION :** To operate any electric gadget

Step	Procedure	Tones	Abbreviations
1	Lift handset Internal Dial Tone		
2	Dial *165 for relay ON	Confirmation tone	
3	Dial *166 for relay OFF	Confirmation tone	
4	Hang up		

**Note :** To set for auto operation of the relay, pl refer to the programming section.

**(B) CLICK OPERATION :** To operate any electronic door lock

Step	Procedure	Tones	Abbreviations
1	Lift handset	Internal Dial Tone	
2	Dial *167 for relay click		Confirmation tone
3	Hang up		

**Note :-** To set for click action timer, please refer programming manual.

**(24) PAGING :** Audio Amplifier of public address system can be connected to the paging port (optional attachment required ). You can make an announcement directly as follows

Step	Procedure	Tones	Abbreviations
1	Lift handset	Internal Dial Tone	
2	Dial *87+X	Confirmation tone	X= 1 active paging function

(25) TRUNK RESERVATION :You can reserve the particular trunk line for pre-defiend time to make outgoing calls. To do so:

Step	Procedure	Tones	Abbreviations
1	Lift the handset	Internal Dial Tone	
2	Dial *112 + X (Trunk No.)	Confirmation Tone	X =Trunk No., 1/2/3/4 i.e. line 61/62/63/64
3	Hang up		

<b>Cancellation of Trunk Reservation</b>	Lift handset & Dial *1120, Get confirmation tone
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**Note :-** To set for reservation timer, Please refer programming manual.

(26) EMERGENCY DIAL AT FND : Any extension can dial emergency code. Now display will show intercom extension no.with buzzer beep. Normally FND show date / time in ideal condition. Use following procedure:

Step	Procedure	Tones	Abbreviations
1	Lift the handset	Internal Dial Tone	
2	Dial *99	Ring Back Tone	Show extrn. no. & buzzer beep at FND

Now you can attend directly to emergency caller .

To cancel of FND status	Dial *77+Self Extension No.
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**(27) FND ACCESS :** You can install max. 4 no. FND (Front no. Display ) with inspire 308 & 414 model EPABX to see Intercom number. When any extension dial particular number of display, it will show caller no. as well as buzzer beep for ten sec.

Step	Procedure	Tones	Abbreviations
1	Lift the handset	Internal Dial Tone	
2	Dial 21	Ring Back Tone	Show extn. no. & buzzer beep at 1st FND
	OR		
3	Dial 22	Ring Back Tone	Show extn. no. & buzzer beep at 2nd FND
	OR		
4	Dial 23	Ring Back Tone	Show extn. no. & buzzer beep at 3th FND
	OR		
5	Dial 24	Ring Back Tone	Show extn. no. & buzzer beep at 4th FND

**(28) GLOBAL MEMORY DIALING :** 100 no of Central Memory Pool (\*8800 to \*8899) for external call can be commonly accessed by all extensions. Each stored no. can be max. 16 digits (including STD/ISD codes and external no.)

Step	Procedure	Tones	Abbreviations
1	Lift handset	Internal Dial Tone	
2	Dial any one memory location *8800 to *8899		Particular memory location will be dialed out

**Note :-** Refer programming manual to set Global Memory Location.

**(29) REMOTE MAINTENANCE :** Easy way to program the system as per need of user from the remote location. Service engineer can program over phone line without presence at user place . Use below procedure for remote program:

- (1) Establish a call ( Via incoming / outgoing) with user through trunk line & start conversation at any extension.
- (2) User will put service engg. on hold by hook flash -- Get music tone on hold
- (3) After hook flash dial \*399 by user. Now both will be come back on conversation mode
- (4) Now any one can dial system password to do programing and get beep beep tone.
- (5) Start programing by service engg.
- (6) Get assurance tone on each correct program other wise get error tone
- (7) Continue the program after each correct steps.
- (8) To exit from programing mode dial 0

**Note :-** (1) Programing can be done only in DTMF mode.

(2) The service engg. and user at extension can talk during the remote programming

**General Functional Information**

**TRUNK ( INCOMING / OUTGOING ) : DEFAULT STATUS**

	Incoming Call (Day/Night Mode)		Outgoing Call (Day/Night Mode)		Caller ID
Model	Extn. no.	Mode	Calling Level	Mode	Trunk / Extn.
104	21,22,23,24	Round Robin	Local level at all extn.	Rotational	Enable
206	21,22,23,24,25	Round Robin	Local level at all extn.	Rotational	Enable
308	21,22,23,24,25	Round Robin	Local level at all extn.	Rotational	Enable
414	21,22,23,24,25	Round Robin	Local level at all extn.	Rotational	Enable

**Note :-** (1) Incoming call of trunk ring duration (max.) depend on service provider timeout limit.  
 (2) External FSK CLI ( Optional ), DTMF CLI inbuilt.

**USER FUNCTION : DEFAULT STATUS**

Always active	User/System Defined
Intercom Call	Junction No. Access (System program)
Last No. Redial	Barge in (System program)
Answer/ Receive Call	Call toggle (System program)
CLI	Monitor (System program)
Call pickup	Hot line (Extn./Jn.) (System / User program)
Selective call pickup	Conference (System program)
Auto call Back(extn/jn)	Day/Night Mode (System / User program)
Call transfer	Dynamic Lock (System / User program)
Do not Disturb	Relay (System program)
DND cancel	Paging (System / User program)
Call Forward	Global Dial (System program)
Call Forward cancel	Trunk Reservation (System program)
Alarm	Emergency dial (System program)

**Note :-** 308/414 Model only support timer function like alarm, auto day night,.....etc.

**RING PATTERN : DEFAULT STATUS**

Ring Type	Ring Pattern
Intercom Call	
(a) Normal	Long single cycle ring _____ Long pause
(b)Executive	Small single ring ___ Small pause
(c) Cordless	Long single cycle ring ___ Small pause
Trunk Call	Double cycle ring___ Small pause

**Note :-** Default intercom ring pattern set as normal ring.

**LED STATUS :**

LED	Status	Abbreviations
RUN	ON / OFF Blinking	System normal condition
NIGHT MODE	ON or OFF	ON = Active night mode, OFF = Active Day mode
LINE 1/2/3/4	ON or OFF	ON = Trunk line busy, OFF = Trunk line free
EXTN. LED	ON or OFF (308 only)	ON = Extension busy, OFF = Extension free

## General Installation Information

### (A) TRUNK and EXTENSION ( TRK/EXT) CONNECTING PORT : ( Any type of phone set can connect )

104	TRK 1	EXT1	EXT2	EXT3	EXT4
	..	..	..	..	..

CODE 61 21 22 23 24

206	TRK 1	TRK 2	EXT1	EXT2	EXT3	EXT4	EXT5	EXT6
	..	..	..	..	..	..	..	..

CODE 61 62 21 22 23 24 25 26

308	TRK 1	TRK 2	TRK 3	EXT1	EXT2	EXT3	EXT4	EXT5	EXT6	EXT7	EXT8
	..	..	..	..	..	..	..	..	..	..	..

CODE 61 62 63 21 22 23 24 25 26 27 28

414	TRK 1	TRK 2	TRK 3	TRK 4	EXT1	EXT2	EXT3	EXT4	EXT5	EXT6	EXT7	EXT8	EXT9	EXT10	EXT11	EXT12	EXT13	EXT14
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

CODE 61 62 63 64 21 22 23 24 25 26 27 28 29 30 31 32 33 34

- Note :
- (1) Never connect trunk line wire at extension port.
  - (2) Do not use loose AC 220V connecting point to avoid sparking.
  - (3) Installation place should be dry, airy & free from moisture.
  - (4) Properly plugged trunk wire & extension wire with EPABX port .
  - (5) Connect / Plug properly rosset box of telephone set.

### (B) Configuration & Dimension

EPABX Model	Total Port	TRK (Max.)	Extn (Max.)	Dimension (cm)		
				W	H	D
104	5	1	4	17	20	5
206	8	2	6	17	20	5
308	11	3	8	19.5	21	6
414	18	4	14	24	24	8

### (C) Power Management

EPABX Model	Power Supply	SMPS Battery Backup cum Charger (Optional)	Req. No. of Battery & Rating*
104	PS	N. A.	N. A.
206			
308	SMPS	SMPS 12V Battery Backup (without battery)	1 no., 12V,7AH
414			

N.A. (not applicable)

### (D) FND DIP SWITCH (SW) SETTING :

DIP Switch status	1st FND		2nd FND		3rd FND		4th FND	
Switch point	1	2	1	2	1	2	1	2
SW ON	●	●	●	●	●	●	●	●
SW OFF	●	●	●	●	●	●	●	●
FND Port	EXTN. 21		EXTN. 22		EXTN. 23		EXTN. 24	

Default setting as 1st FND.

### (E) Optional Add on Card for 308/414:

- MMOH (120 sec )
- ≠ Music Recordable
- ≠ Voice Recordable
- ≠ Put on Hold Replay

- Voice Disa
- ≠ 1 CH VDC
- ≠ Welcome / Error Busy / No Reply
- ≠ Day & Night Greeting

### Relay & Paging Card

- ≠ Paging (Option to connect external audio amplifier for announcement)
- ≠ Relay (Option to connect external EM Door Lock or Electric Gadgets)

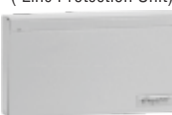
### (F) Optional Product :

FCT ( Fixed Cellular Terminal )



- GSM based
- Single SIM Support
- Omini Directional Antenna
- RJ 11 Telephone port
- EPABX Trunk port Connectivity
- Signal Strength Indication
- CLI (Caller ID)

LPU ( Line Protection Unit)



- ≠ Lighting Protected
- ≠ RF Noise Filter
- Models
- 2 Ports
- 4 Ports

# Warranty

The **CRYSTAL PRODUCT** is warranted for a period of twelve months from the date of purchase against defects in materials and workmanship (fair wear & tear excepted ).Our obligation under this warranty is limited to the repair of any defective part only at our option and does not cover any consequential or resulting liability damage or loss arising from such defects. Expenses incurred in sending the defective unit or parts there of and collecting the same back after repairs under the warranty from our service center (Delhi) shall be borne by the customer :

**The Warranty is void if :**

- A.** In the opinion of the company, the Product is modified or improperly installed or tampered
- B.** The damage is caused during transit, by accident, fire, flood, abuse, misuse, lighting strikes on extension / Jn. wiring, electrical surges & spikes and high input voltage from the main supply.

## SALES & SUPPORT DEALER

DEALER NAME : .....

ADDRESS : .....

.....

.....

CONTACT PERSON : .....

CONTACT NUMBER : .....

EMAIL ID : .....

PRODUCT MODEL NO.: .....

INVOICE DATE : .....

I / we have carefully read and understood the above terms and conditions to avail the warranty of the product.

Customer's Signature

Dealer Sign. With Stamp

# CRYSTAL PRODUCT RANGE



## Analog Epabx



Analog - 5 to 40 Ports  
Fixed & Flexible Model

Nexa, Inspire ZX Series

## Digital Epabx



db 32 Flexi - FX2, FX4, FX6, Model  
db 48/96/128 Flexi -16 to 184 Ports

db 48/96/128 Flexi - 16 to 184 with PRI

## Hybrid IP-PBX



Support 64 port SIPEXTN  
32 SIP CHANNEL

Hybrid with Modular Digital PRI PBX

## Analog Epabx



1 to 10 Trunks Ports  
4 to 64 Extension Ports

SN - 64 Model

## Guard Society Intercom



16 Ports to 64 ports  
16 Ports to 2048 ports

G2K Modular

## GSM - FCT

( Fixed Cellular Terminal )



FCT with pen antenna  
FCT with hi-gain antenna

G2K Modular

## PBT Push Button Telephone

TEC APPROVED



Basic Phone

CLI Phone

## KTS/DSS Key Telephone System



KTS

DSS

## BCS Audio Broadcast



Audio 16 Ports  
Audio 16-240 Ports



QR for all Product Manuals

Inspirecss21082021



[www.crystalpbx.com](http://www.crystalpbx.com)