



# **Phonomax Systems**

IXP-40 User  
Manual



# **IXP40 Intercom User Manual**

## **Monitoring Tones**

It is necessary to get familiar with the various "tones" of your Intercom System.

### **1) Exchange Dial Tone :**

The dial tone is a continuous sound, which lasts for 6 seconds during which the exchange waits for dialing to be initiated. If no dialing takes place during this period the ICOM times out the user and busy tone starts.

### **2) Busy Tone :**

The busy tone is a discontinuous sound (Du.... Du). The busy tone consists of equal duration ON and OFF signals. This tone indicates that the system cannot process the dialing or when the called number is busy.

### **3) Internal Ring Tone :**

This is a discontinuous sound of two frequencies and sounds like Durrrr... for one second with a three second silence interval. When you dial extensions, you will hear this ring-back tone till the extension answers.

### **4) Ringing Tone :**

Four types of rings can be heard from the telephone instrument connected to the System.

Type-1 The ring will be a continuous one with a one second ON and three seconds OFF period.

Type-2 The ring will be similar to telephone line ring like Tring-Tring....Silent ....Tring-Tring

Type-3 The ring will be similar to telephone line ring like Tring-Tring....Silent ....Tring-Tring but the first Tring will be much shorter and second Tring will be much longer

Type-4 The ring will be similar to above but with three short bursts of Tring

#### **5) Feature Tone :**

A tone (trin...trin) is heard after a Hook Flash indicating that the system is in the "feature" mode.

#### **6) Intrusion Tone (Barge in Tone) :**

These are four fast beeps.

#### **7) Hook Flash(HF) :**

The features of your Intercom require the use of a Hook Flash (HF). This is performed by tapping the hook switch of your instrument for a period of less than flash time programmed for the system. Care should be taken not to press the hook switch for more then flash time when a HF is desired, or it will register a "hang up". When disconnection is desired care should be taken to press cradle exceeding Flash time or otherwise call will go on Hold and feature tone will be heard.

#### **Note:**

Some telephone instruments have a built in electronic flash key. It is advisable to use the flash key instead of the hook switch in order to register a "hook flash".

## FEATURES/OPERATIONS

### 1. Extension to Extension Call (Ex.)

When one extension user wishes to talk to another extension, the user has to proceed as follows, Lift handset & hear dial tone & Dial Extension No., Wait for the internal ring tone. Speak when called party answers.

In case of dialed extension is busy and dialed extension had activated call waiting feature (User Code-#24), he/she can park the current call and get second call on parking present call automatically.

In case of dialed extension is busy, dialing extension can use Extension Busy Override (User Code-#6+Ext.), Call Interrupt (User Code-#7+Ext.) or Auto Call Back Feature (User Code-#13) as explained subsequently.

(Extension can also be accessed with \* followed by port ID (100-139), if enabled by Programming Code-48)

### 2. Call Transfer (HF Ex.)

Any call received/originated at any extension can be transferred from that extension to any other extension. Hook Flash & hear feature mode tone. Dial the extension number to which you want to transfer the call. Wait for the internal ring tone. You may then hang up. The call will be transferred automatically. You may wait for an answer to announce the call and then hang up. If called extension is busy then use flash to retrieve back hold call.

### **3. Re-dial (\*\*)**

Any extension user can repeatedly dial the last number without pressing all the numbers again. For this, do as follows, Disconnect previous call, lift handset and hear dial tone, Dial '\*\*' key. The last dialed number will be redialed automatically. If again on redial, the called party is busy, do flash and use auto call back feature as explained further.

### **4. Conference-8 Party (HF + Ext. or TN + HF )**

If while conversing with an extension you want to arrange for a third party to conference, you may do it as follows, While conversing with Party A, use the Hook Flash, Party A goes on hold. Listen to the dial tone and dial the extension no. of Party B. Speak to party B & hook flash to conference between you, party A and party B. If party B is busy, flash, you will get back to party A. Similarly more party can be added maximum up to eight.

### **5. Picking up a Call Waiting Call (HF ##)**

This feature allows the user to attend calls in rotation, i.e. if the extension is already busy with one call, and another call has camped on to his extension, then using this feature, the extension user can park his first call and attend to the second call and vice-versa. You will hear the call waiting tone while talking. Hook flash and dial ##. First call goes on hold and second call comes through. Finish the call and repeat procedure to get first call. To disconnect either of any call, disconnect current call completely and Dial ## to pick up parked call.

## **6. Call Waiting Activation (#24+0/1)**

To use call waiting feature, it has to be activated by dialing #24 +1. To disable the same, dial #24+0.

## **7. Call Parking (HF ##)**

In case the extension desires to become free temporarily to attend to some important function, using this feature makes the extension free without losing the call. While talking to the caller, Hook Flash; dial ##. Disconnect. The exchange will remind this extension after hold recall time, to attend to the parked call.

## **8. Hot Line (# 12 Ext. No.)**

To initiate this feature, lift handset and, after hearing the dial tone, dial # 12 EXT. Where EXT is the extension number for the hotline where call should go on lifting of receiver. The Hot Line feature will get activated after the Hotline delay time is over, once the caller picks up his handset; he need not dial any code. To cancel this feature operates as follows, Lift handset, hear ring back tone, hook flash & Dial # 12 #.

## **9. Hot Line Delay Time (#22 + 0-5)**

In case user wants to normal dialing to other extension before activation of Hotline, he/she can use this feature. This delay can be 1 to 5 seconds or it can be immediate. The hotline extension will start ringing once this programmed delay is over.

## **10. Automatic Call Back on Busy Extension (#13)**

If the called extension is busy, this feature automatically connects, as soon as the called extension gets free. On hearing busy tone, wait for a dial tone or flash, on dial tone, Dial # 13 and Hang up. As soon as the called extension gets free, your extension will ring. Lift handset, you will hear ring back tone, and other extension will ring. To cancel this feature, dial as follows, lift handset, listen dial tone of the system and Dial # 0.

## **11. Do not Disturb (# 14)**

If an extension user does not wish to be called, this feature allows the extension to prevent itself from being called. However, the extension user can call others.

Lift handset and get dial tone. Dial # 14 and Hang up. To cancel this feature, Lift handset, listen dial tone and Dial # 0.

## **12. Call Privacy (#15)**

Dial # 15 to set call privacy feature. Call privacy set to avoid barge-in by other user to have privacy. Can be reset by dialing #0.

## **13. Setting of Alarm Clock [# 18 + (0/1) + HH + MM]**

Each extension can be pre-set to ring at a pre-determined time. This time can be set by lifting the receiver, dialing # 18 and then 0 for A.M. or 1 for P.M., after which the alarm time should be keyed in 12 Hour format. The extension will ring at the appointed time. On lifting the receiver the user will hear music or Message. HH stands for hours MM

stands for minutes (2 digits must be used for each). For e.g., if the alarm is to be set for 3.15 PM, key in # 13, 1, 03, and 15.

#### **14. Setting of Reminder Call [#18 + 2+ MM]**

It is similar to alarm call, but instead of time one has to dial minutes from 01 to 99. The extension will ring after that time period is over from when the call was registered, e.g., if you want a reminder call after 30 minutes from now, dial # 18 230.

**Note:** Only one reminder can be booked by one extension either normal alarm or reminder, irrespective of daily alarm.

#### **15. Daily Alarm Time Setting (#17+(0/1)+HH+MM)**

Each extension can be pre-set to ring at a pre-determined time on all or particular days of the week throughout the year. This time can be set by lifting the receiver, dialing # 17 and then 0 for A.M. or 1 for P.M., after which the alarm time should be keyed in 12 Hour format. The extension will ring at the appointed time on the days of the week as programmed. On lifting the receiver the user will hear music or Message. HH stands for hours MM stands for minutes (2 digits must be used for each). For e.g., if the alarm is to be set for 3.15 PM, key in # 13, 1, 03, 15.

#### **16. Daily Alarm Day Setting (#23+(0-7)+0/1)**

The daily alarm will be active for days programmed as per this program. This day can be set by lifting the receiver, dialing # 23 and then 0 (for all days) or 1-7 (for Sunday to Saturday respectively) + 0/1 (disable / enable).



### **17. Panic Code Activation (\*# +{#/})**

The panic code pressed in panic situation. The code can be \*# or \*## or \*#\* as per selection by society. When panic code is pressed maximum eight extensions can be programmed to get ring with message announcing panic situation with extension number. The watchman display buzzer with hooter will also start with display of extension number who pressed the panic code. In case multiple panic situation, eight panic extensions can be pipelined simultaneously.

### **18. Flash Time (#19 0-4)**

Extension flash is useful for use of various feature as Auto call back / Hotline cancel / Call Transfer / Call Transfer Retrieve etc.. This time is programmable required to be programmed to match with flash time of Telephone instrument or the disconnection will get registered. It can be programmed by dialing #19 followed by 0/1/2/3/4 (for 300-500-650-850 or 1 Second respectively).

### **19. Vendor Request (#5+0-9+0/1/2)**

Extension user can request to get services of vendors (e.g. Vegetable, Electrician, Plumber, Sweeper etc.) by registering the request for them. There can be total ten vendors and request can be made for them individually on permanent or one time base depending on vendor and requirement of extension user. The request can be registered by dialing #5 followed by 0-9 (Vendor ID) + 0 (cancel) / 1 (one time) / 2 (Permanent). When the vendor comes to society premises, he/she can punch respective allotted ID, and extension user will get ring with voice message for the vendor.

## **20. Missed Call Listen (#27+\*/0-9)**

Extension user can listen last ten missed call extension numbers by voice messages, for all or particular missed call. Missed calls can be retrieved by dialing #27 + \* for all missed calls and #27+0-9 for first to tenth missed call respectively. The missed call is stored on first in first out basis without repetition of the number.

## **21. Received Call Listen (#28+\*/0-9)**

Extension user can listen last ten received call, extension numbers by voice messages, for all or particular received call. Received calls can be retrieved by dialing #28 + \* for all received calls and #28+0-9 for first to tenth received call respectively. The received call is stored on first in first out basis without repetition of the number.

## **22. Dialed Call Listen (#29+\*/0-9)**

Extension user can listen last ten dialed calls, extension numbers by voice messages, for all or particular dialed call. Dialed calls can be retrieved by dialing #29 + \* for all dialed calls and #29+0-9 for first to tenth dialed call respectively. The dialed call is stored on first in first out basis without repetition of the number.

## **23. Denied / Allow List set (#25+L+Ext.)**

Extension user can avoid mischievous callers by setting the list of their numbers and activating them for deny mode. Once set, extension user will not get ring from this extensions. Otherwise extension user can set list of numbers only from whom user wants to receive calls. Once set, extension user can get calls from those extensions only. (Certain

group, e.g. watchman, committee members, programmed from system programming can override this list). This can be done by dialing #25+L (Location 0-9)+Extension number. It can be reset individually by dialing #25+L+#.

#### **24. Denied / Allow List Activation (#25+\*+0/1)**

The Denied / Allow List once set need to be activated for deny or allow type selection. This can be done by dialing #25+\*+0(deny) or 1(allow). To reset activation in any mode dial #25+#.

#### **25. Flat Lock Status Set (#21 0/1)**

Extension user can set locking of flat when extension is not to be used for few days to inform the callers of flat locked. It can be set by #21+1 and can be reset by #21+0.

#### **26. Call Forward on Busy (#10 EXT.)**

This is used when two extension are used by the same user or group of the user sharing two extension. This enables virtual one number assigned to that two extension. To activate the same, Lift handset, listen dial tone and dial # 10 EXT, where EXT is other extension on which call will come, if this one busy. Do same from other extension while entering this extension number from that extension. To cancel this feature, dial # 10 #.

#### **27. Call Forwarding (# 11 Ex.)**

The feature allows an extension user to receive calls at any other extension. Lift the handset of the extension from where the calls are to be forwarded (diverted) Dial # 11 + Extension No.... (To which

calls are to be diverted) and disconnect. To cancel this feature, Lift handset, listen dial tone & Dial # 11 #. This feature can be group wise enabled / disabled.

## **28. Follow Me (# 16 Ex.)**

Incoming calls can be made to follow the extension user. In other words, the extension user can use any extension to receive incoming calls directed at his original extension. Lift handset where user wants to receive calls, hear dial tone. Dial # 16 EX.. (EX is the No. of the original extension being). All calls for that extension will now ring at the extension from where the above code has been dialed. To cancel this Feature, Dial # 11 # from the extension whose calls are followed.

**Note:** After using the Follow Me feature care must be taken to cancel the feature otherwise all calls will be diverted to the other extension, till the feature is cancelled.

## **29. Change Personnel Password (#1# \*\*\*\* PPPP)**

The Personnel Password is the password that can be used by extension user to use follow me facility of Intercom. To change Personnel Password, Lift handset & listen dial tone & Dial #1# PPPP QQQQ, where PPPP is old password (when system is installed, it is \*\*\*\*) and QQQQ is your new password. In case you forget your password call your Intercom serviceman, he/she can only reset the same and you can re-program. Keep practice to change the password to curtail the misuse.

### **30. Cancellation of all present Features (#0)**

If you wish to clear features such as Do not Disturb, Auto Call-back, you should lift the handset and on obtaining the dial tone, dial # 0.

### **31. Extension Busy Override (#7+Ext)**

This feature is very useful, without breaching privacy, when dialed extension is busy and urgent communication is required. To use this feature, on busy tone, flash and get system dial tone and dial #7 + ext, the dialed number will get multiple beeps and other conversing party will go on hold, user can start talking with dialed party and on hang up dialed party gets reconnected to the hold party. This feature can be activated group wise by system programming.

### **32. Call Interrupt (#6+Ext)**

This feature is used to interrupt the conversation of two parties and conference is established between all parties. This can be used by dialing #6 followed by extension number. This feature can be activated, with or without tone, group wise by system programming.

### **33. Call Pick-up general (#8#)**

This feature is used to pick-up ringing call at other extension within same group by dialing #8#.

### **34. Call Pick-up Particular (#8+Ext)**

This feature is used to pick-up ringing call at particular extension irrespective of group by dialing #8+Ext.

### **35. Visitor Double Check (\*0)**

This feature used to check the visitor visiting member's premises after programmable duration. When a call is made to any flat from lobby and after disconnection on dialing \*0, lobby extension will get ring, on lifting lobby extension the flat extension will ring and watchman can confirm the visitor's visit.

### **36. Vendor Entry (\*5+Vendor ID [0-9])**

This feature is used to alert flat owner's for vendor entry e.g. Vegetable vendor, Electrician etc.. The respective vendor has to dial code allotted after \*5 to activate the alert for the flat owners.

### **37. Jack Listen (#2\*)**

On dialing #2\* extension user will get voice message stating Jack number (100-307).

### **38. Extension Listen (#2#)**

On dialing #2# extension user will get voice message stating Flexible number assigned to the extension.

### **39. Chairman's Message Listen (\*9+1-5)**

Extension User can any time listen the notices recorded by society committee member by dialing \*9+1/2/3/4/5 (Total 5 messages can be stored).

### **40. Manager Mode Password register**

The following programs required to be done by authorized personnel only, and hence password is required to be entered before doing so. Manager mode entry can be done from any extension by dialing \*9# MMMM, where MMMM is manager password. Manager password should be

registered for first use by dialing #9# + \*\*\*\* + MMMM, where 'MMMM' is new registered password. To change the manager password same dialing is to be done but with 'MMMM' instead of '\*\*\*\*'. For example, #9# + MMMM + NNNN where 'MMMM' is old password and 'NNNN' is new password.

#### **41. Panic Reset (\*5\*MMMM)**

In case of panic code pressed by any extension user, the buzzer and siren will start giving sound indication along with extension number who pressed the panic code on display of the watchman. It will also give ring along with voice message to specified programmed maximum eight extensions. This can be acknowledged and can be put off by dialing \*5\* followed by manager password.

#### **42. Manger mode entry (\*9# MMMM)**

To record messages for broadcast and announce, authorized personnel has to enter into manager mode. This can be done by dialing \*9# + Password.

#### **43. Message Recording (#9+1-5)**

Total five different messages can be recorded (first-4 thirty seconds / last one 15 seconds) by committee member for broadcast or announcement. Once in manager mode user can dial #9+message ID (1-5) and start speaking the message and hang up, the message will get recorded. The broadcast or announcement can be activated at any later moment by programmed extension.

#### **44. Message Announce or Broadcast (\*7/8+1-5)**

The messages recorded can either be announced on lifting the handset by extension user or can be broadcasted to all extensions. This can be done by pre-programmed extensions only by dialing \*7/8+message ID respectively.

#### **45. Verify Flexible Numbering**

User can Verify all the Flexible Numbers given to Extensions without dialing them when Display is Connected

To do so,

On Normal Dial Tone

Dial--\*+6+# -- Display will Show Version & Built of System i.e. 2b02

Dial Flexible Number ---> Display will show Jack Number & Group

Dial \*+Jack Number ---> Display will show Flexible Number of Jack

Dial # will Toggle between Jack Number & Flexible Number

Dial \*\* will show next sequential Jack Number as per Current View

This way Programmer can verify All Numbers in couple of minutes.

#### **46. Security Watchdog Alert View (\*6+1-8+#...+#)**

Security watchdog alert cross checking can be done by dialing \*6+1-8 (security Extension ID) +#...#. On dialing \*61 user will be able to see security's extension number and then on pressing



# will be able to view time programmed for alert and alert call pickup in Y or -.

#### **47. Extension Port access (\*100 to \*139)**

Extension programmed to dial default port access (PCode-48) can dial \* followed by jack number will be able to dial extension irrespective of flexible number.

#### **48. Missed Call Alert Reset**

Extension with Display connected can receive last eight missed call alert with buzzer sound & extension number display when activated by programming.

The alert will get reset either when extension dials that extension number or receives call from that extension.

**Notes:**