

## HYBRID KEY SYSTEM EMULATION

### USE YOUR HOSTED TELEPHONE THE WAY YOU'RE USED TO!

BluIP brings one of the most powerful features of the **on-premise key system PBX** to its hosted solution! Now, you can upgrade from a Key System to the latest cloud-based telephony system without having to change the way you use your telephone. With BluIP's hybrid key system emulation, every user gets their **own extension** plus all the powerful features you would expect from an enterprise grade phone system including: **disaster recovery, mobility and business app integrations.**



The top button on every phone is programmed for your **name** and **extension**. The next set of buttons serve as **programmable feature** keys.

The bottom set of eight keys serve as **line keys**. Imagine you are on a call but want to put the call on hold and pick up that call from another phone in the company. This can easily be done with line keys. Every user will have access to the eight line keys. The color LEDs allow you to determine which line keys are available. Green line keys are available. Red line keys are in use.

Figure 1



1  
EXTENSION

2  
PROGRAMMABLE  
FEATURE KEYS

3  
8 LINE KEYS

The telephone illustration shown on the right is an example of a typical medical office.

The **first** button from the top is designated as Doctor Joyce's **primary extension** and the **second** button has been programmed as her **secondary line extension**. When Doctor Joyce is on a call with one of her patients on her primary extension, she can easily put that patient call on hold, press her secondary extension to call another hospital to request information about patient. She can easily switch back and forth the two calls without having to hang up on one.



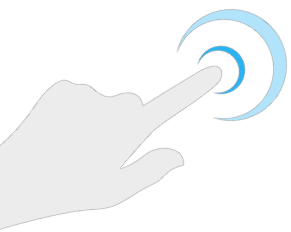
The **third** button is programmed as a **speed dial** to quickly dial the Front Desk and get patient information. Instead of remembering an extension number, a single press of a button connects Dr. Joyce to her staff up front.

Buttons **4** and **5** has been programmed to **dial the two Waiting Rooms**. The Waiting Rooms extension number can be programmed into every phone in the office so that any staff in the office can go to the nearest phone and call one of the waiting rooms to reach a doctor. The doctor can also page a staff from a telephone from inside one of the waiting room and request that they call her from one of the waiting rooms.

The **last button** has been programmed as a **DND (Do Not Disturb)** button so that the doctor can choose to silence her phone and have all calls immediately go to voice mail if she is in consultation with a patient.

## FEATURES AND BENEFITS

- All users have their own private **extension** and **voice mail**
- Every phone comes with **five programmable keys** that can easily be programmed for a variety of functions
- Every phone comes with eight line keys to use as a **parking** location to hold a call.
- Simple one-touch operation to put a call on **hold** and **pick up** that call from **any telephone** in the company regardless of geographic location.
- Clear multi-color LEDs provides visual representation of all calls that are being held on the line keys



## SIMPLICITY

Simple one-touch operation to put a call on hold and pickup that same call on any phone in the organization regardless of geographic location.



### ANSWERING A CALL

Answer an incoming call by pressing the **Answer** button as shown to the right.

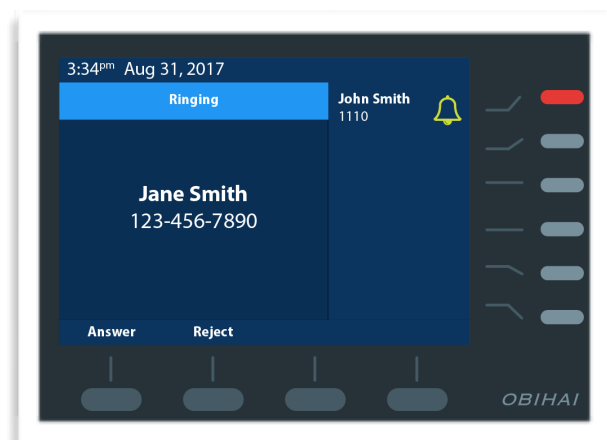


Figure 2



### HOLDING (PARK) THE CALL

Press one of the eight line keys to put that call on **hold**. Line keys lit in green are available for use. Line keys lit in **red** already have a call **holding** on that line. Figure 3 below shows all 8 lines are lit green, indicating that they are all available. Figure 4 shows that the call is **held on Line 1**, indicated by a **flashing red LED**.

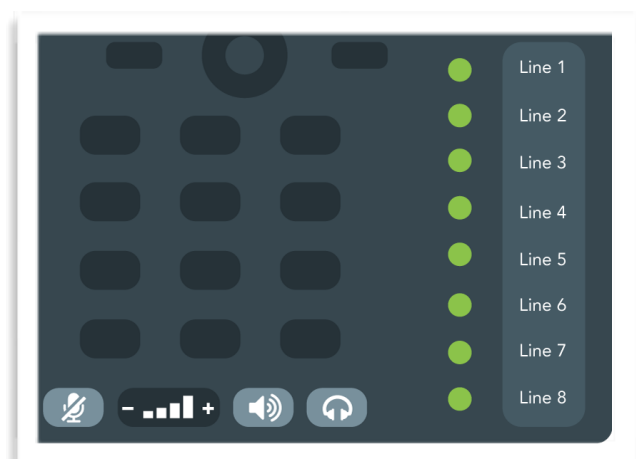


Figure 3

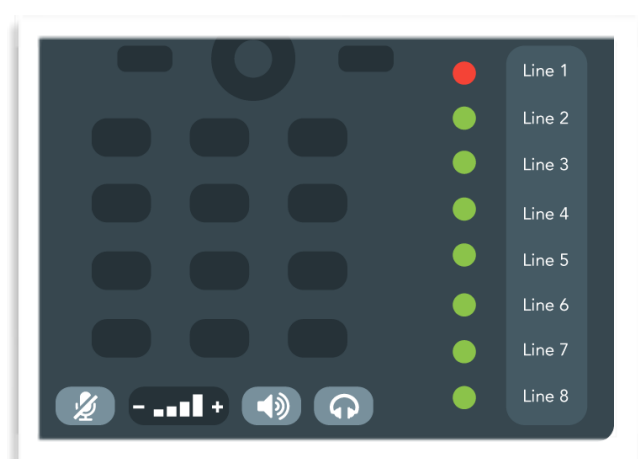


Figure 4

**Call Back Timer** – By default, any call that has been holding for 60 seconds will automatically ring back to the station that originally held the call.

## PAGING

### STEP 3

- Press the button labeled as “**Page Group 1**” on the LCD.
- All the phones in the company will go **off-hook** on speaker to announce the page as shown in **Figure 6** below.
- Once the speaker button turns green, then you can speak your page announcement.
- After the page announcement, press the speaker button again to hang-up.

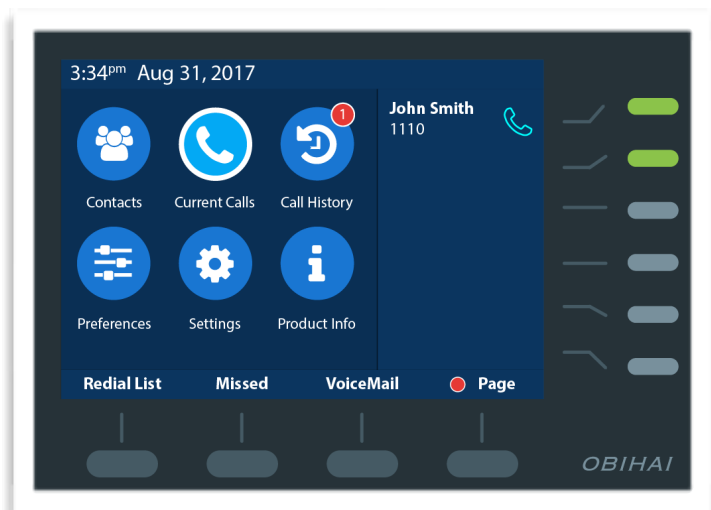


Figure 5

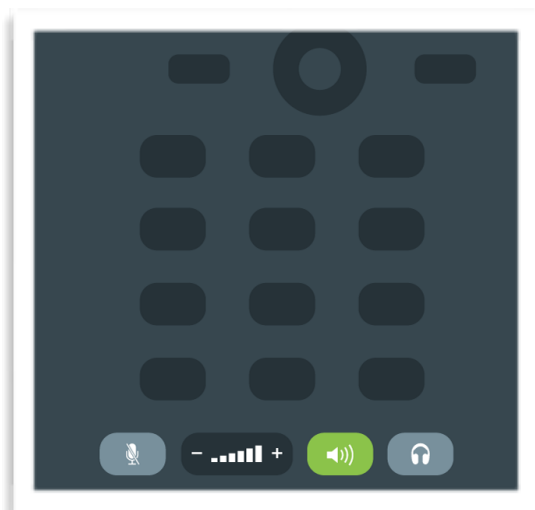


Figure 6

### STEP 4

#### PICKING UP THE HELD (PARKED) CALL

- From any phone in the company, press the **line key** where the call is held.
- If there is more than one held call, you can **press and hold** the line key lit in **red** to display the **caller ID** of the person on hold.
- **NOTE:** As soon as you press the line key that is holding a parked call, you are **immediately connected** to the caller.

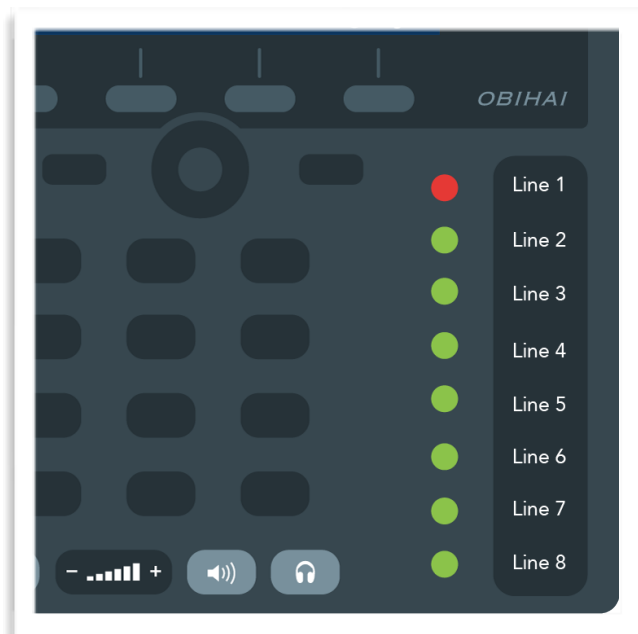


Figure 7

## PROGRAMMABLE FEATURE KEYS

The **Obihai 1062** phone comes with **six programmable features keys** on the top right. The first feature key has already been designated as your **Primary Extension** key. **Keys 2-6** are not preprogrammed and can be programmed by your dealer as one of the following optional functions:

- **Line Appearance** (Second Directory Extension)
  - Allows you to receive another call on another line and switch back and forth the first and second caller easily.
- **BLF** (Busy Lamp Field)
  - Monitors the call status of another extension.
  - Easy way to determine whether a specific extension is on a call
- **DND** (Do Not Disturb)
  - When enabled, incoming calls go to voicemail
- **Speed Dial**
  - A quick way to easily dial your most frequently called extension
- **Message Status**
  - Message Waiting Indicator that shows how many voice mail messages you have

The sample picture below shows the optional line appearances, **BLF**, **Message Status**, **Speed dial** and **DND** programmed.



Figure 8

## LICENSE REQUIREMENTS

### THE HYBRID KEY SYSTEM EMULATION SERVICE REQUIRES THE FOLLOWING SERVICE:

**KSE** – Each user requires a **KSE service**, which includes the Enterprise Premium calling features plus up to eight (8) preconfigured line keys. The number of line keys will equal the number of phones in the user's group, up to a **maximum of 8**. Each Enterprise Premium seat includes **1 DID** and **1 Voice Mail** user account. See Feature Matrix for a complete list of features.

## HARDWARE REQUIREMENTS

The hybrid key system emulation project is currently only supported on the **Obihai 1062/1032** telephones.

## MAIN PART NUMBERS

| Part Number                | Description  |
|----------------------------|--|
| <b>OBI1032PA-DESISTRIP</b> | <b>OBI1032 12 Line Business IP Phone - with Power Supply and Desistrip</b><br>Line Keys - 3 Programmable Line Keys. Speaker Phone - Full-Duplex Speakerphone. Ethernet Connectivity - 2 X 10/100 Fast Ethernet. Display Type - 480 x 272 Pixels 4.3'. Headset Support - RJ9, 3.5mm. PoE - Power Over Ethernet (802.3 af). Warranty - 1-Year Hardware (Limited).                    |
| <b>OBI1064PA-DESISTRIP</b> | <b>OBI1062 24 Line Business IP Phone - with Power Supply and Desistrip</b><br>Line Keys - 6 Programmable Line Keys. Speaker Phone - Full-Duplex Speakerphone. Ethernet Connectivity - 2 X 10/100/1000 Gigabit Ethernet. Display Type - 480 x 272 Pixels 4.3'. Headset Support - RJ9, 3.5mm, Bluetooth. PoE - Power Over Ethernet (802.3 af). Warranty - 1-Year Hardware (Limited). |

## ACCESSORIES PART NUMBERS

| Part Number      | Description   |
|------------------|---|
| <b>OBI1000e</b>  | Line Keys - 16 Fully Programmable Keys with Adjacent Tri-Color LED. Daisy Chain - Up to 2 OBI1000e Units. Compatible Phones - OBI1062 or OBI1032 IP Phones. Warranty - 1-Year Hardware Warranty.  |
| <b>OBIWM1</b>    | Obihai Wall Mount Bracket for OBI1032 and OBI1062 IP Phones   |
| <b>OBIPA-NA</b>  | OBIPA Power Adapter for OBI Devices   |
| <b>OBIWiFi5G</b> | The Obihai OBIWiFi5G wireless adapter allows a USB-equipped OBI device to connect to the Internet over a Wi-Fi network. With OBIWiFi, you have the freedom to place the OBI VoIP phone adapter anywhere within range of your Wi-Fi network. |

## WIRED HEADSETS

| Headsets  | Quick Disconnect (QD) cable required   |  |
|---|--|--|
|   | OBi Phone HW v1.3 and below  | OBi Phone HW v1.4 and above  |
| <b>Jabra and VXI G type</b><br>E.g. Jabra 2300 Series<br>E.g. VXI Tria G *        | Jabra 8800-00-25 *<br>Jabra GN1200 at switch position 4 or 6<br>VXI OmniCord G at position C *<br>VXI QD1027G cord * | Jabra 8800-00-01<br>Jabra GN1200 at switch position 1 or 7<br>VXI OmniCord G at position A *<br>VXI QD1026G cord * |
| <b>Plantronics and VXI P type</b><br>E.g. Plantronics HW261N<br>E.g. VXI Tria P * | Plantronics 38099-01 U10P-S *<br>VXI OmniCord P at position C *<br>VXI QD1027P cord *                                | Plantronics A10<br>VXI OmniCord P at position A *<br>VXI QD1026P cord *  |

## WIRELESS HEADSETS

| Manufacturer | Model                | Cable required for EHS |
|--------------|----------------------|------------------------|
| Plantronics  | CS540, Savi 720, W01 | APS-11                 |
| Jabra        | GN9350e              | Jabra LINK 14201-10    |

## USB HEADSETS

| Manufacturer | Model          |
|--------------|----------------|
| Plantronics  | Blackwire C310 |
| Jabra        | Evolve 40      |

# SPECIFICATIONS

| Feature                                 | OBi1062            | OBi1032                |
|---|--------------------|------------------------|
| Display Size                            | 3.5" 4:3 Aspect    | 4.3" 16:9 Aspect       |
| Resolution                              | 320 x 240          | 480 x 272              |
| VoIP Services                           | 6                  | 6                      |
| Lines/Call Appearances                  | 24                 | 12                     |
| Physical Keys                           | 14                 | 11                     |
| Lines/Call Appearance Keys              | 6                  | 3                      |
| Page Tabs                               | 4                  | 4                      |
| Feature Keys                            | 8                  | 8                      |
| Total Programmable Keys                 | 31                 | 19                     |
| Side Car Support                        | Yes - 2            | Yes - 2                |
| Keys per Side Car                       | 16                 | 16                     |
| USB 2.0 Ports                           | 2                  | 2                      |
| OBiLINE FXO Adapter <sup>∞</sup>        | Yes                | Yes                    |
| USB Storage Media                       | Yes                | Yes                    |
| OBi WiFi                                | NA (Built-In)      | Yes                    |
| OBiBT (Headset or Mobile Phone Pairing) | NA (Built-In)      | Yes                    |
| Headset Support                         | Yes                | Yes                    |
| RJ9                                     | Yes (EHS)          | Yes (EHS)              |
| 3.5mm                                   | Yes                | Yes                    |
| Bluetooth                               | Yes – Built-in     | Yes - with OBiBT       |
| WiFi (802.11n)                          | Yes                | Yes - with OBiWiFi     |
| Ethernet Ports (RJ45) and Type          | 2 Gigabit Ethernet | 2 10/100 Fast Ethernet |
| Power Over Ethernet (802.3 af)          | Yes                | Yes                    |



## FREQUENTLY ASKED QUESTIONS

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**1. What is included in the Hybrid Key System License Service Pack?**

A. The Hybrid Key System includes all the service packs and individual features of the Enterprise Premium Seat minus the following:

- 3CONSUMERMOBILITY
- 3TDENT
- 7HuntGroup

**2. Can you have other phone models including cordless in the company?**

A. Yes. You can always add and IP desk or cordless phone. However, the features specific to the Hybrid Key System are only available on the Obihai 1062 and 1032 phones.

**3. Can you add side cars to each of the phone models?**

A. Yes. You can add side cars to the Obihai 1032 and 1062. The part number for the Obihai sidecar is OBi1000e and is available from NetXUSA.

**4. If you can, how many buttons on the side car and what features can be programmed on those buttons?**

A. Each side car has 16 additional buttons and you can have a max of two side cars.

**5. Can you transfer a call to a cell phone (blind transfer and/or supervised transfer)?**

A. Yes. The Hybrid key system supports blind transfer to internal extension and/or external phone numbers.

**6. Can you establish simultaneous ring on phone and cell phone?**

A. Yes. The Hybrid Key System license pack includes the Broadworks Anywhere which will enable you to perform simultaneous ringing to desk phone and cell phone.

**7. Can you establish sequential ring from phone to cell phone?**

A. Yes. The Hybrid Key System license pack includes Sequential ringing.

**8. Is there an option for a wall mount kit?**

A. Yes. The wall mount kit is available from NetXUSA part# (OBIWM1).

**9. Can you use a headset with the Obihai phones?**

A. Yes. Headsets are supported on the Obihai phones.

**10. Can you establish a page option to an external paging system?**

A. We only support the Algo 8180 external SIP paging device.

**11. Can you set up AA to send all calls to a third party, ie night mode?**

A. Yes. The customer must purchase the Auto Attendant license. This is not part of the HKS feature pack. Can a direct intercom to one extension be established without having to use the page all function?

A. Yes, we can utilize the Broadsoft push-to-talk feature (OWA - one way audio) or two way audio which comes with the Hybrid Key System license pack.

**12. How do you upload photo for screen?**

A. Instructions for uploading custom wallpaper:

**Wallpaper Details:**

- **Dimensions:** 480x272
- **Logo Safe Area:** 320x272 on the left side
- **Formats:** PNG, JPEG

**Uploading your wallpaper:**

- Choose an image hosting website ([ImgBB](#) for example) or your private company web server
- Upload your wallpaper
- Grab its direct link (example: <https://image.ibb.co/kuxjgk/wallpaper.jpg>)

**To change wallpaper, follow these steps:**

- Point desktop browser to your phone's IP address (can be found in Settings > Network on the Obihai phone)
- Login with admin credentials
- From the sidebar, go to User Settings > User Preferences
- Change the value of BackgroundPicture to the URL pointing to your wallpaper.

## AVAILABILITY

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The Hybrid Key System application is **now available**.