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Declaration of Conformity for the European Union

Invoxia declares that the NVX 220 product complies with the essential requirements and other relevant provisions of the European RTTE Directive 1999/5/EC on Radio and Telecommunication Terminal Equipment.

You can read the Declaration of Conformity at the following address: www.invoxia.com/en/support.

CE

U.S. Federal Communications Commission (FCC) Compliance Statement

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
To comply with the FCC RF exposure compliance requirements, this device and its antenna must not be co-located or operating to conjunction with any other antenna or transmitter.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interfences that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designated to provide reasonable protection against harmful interferences in a residential installation. This equipment generates uses and can radiate radio frequency energy, and if not installed and used in accordance with the intructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interferences to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient orrrelocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Environment

Your NVX 220 telephone has been designated and manufactured using quality maretials and components which can be reused and recycled. The presence of the crossed-out wheeled bin symbol indicates that the product complies with EU Directive 2002/96/EC.
It must be disposed of through an appropriate collection and recycling structure.
Please contact your local electrical and electronic equipment waste management scheme.
Please respect your local municipal regulations and do not dispose of these products with unsorted household waste.
The correct disposal of products at the end of their working life is good for the environment and your health.

Legal

invoxia ®, ™ Experience your phone, In Vivo Acoustic ® and related trademarks, names and logos are the property of invoxia.
iPad, iPhone, iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.
Bluetooth is a trademark of Bluetooth SIG.
Samsung and Galaxy S are trademarks of Samsung ELectronis Co., Ltd.
Android is a trademark of Google Inc.

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Table of contents

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Important information

Safety Guidelines

Required Power Supply

This phone is powered by PoE (Power over Ethernet) through a compatible network, or through a mains AC 100-240V supply. In the latter case, the telephone cannot operate without the power supply (e.g. during a blackout).

Warning

- Do not open the base, handset or charge
- Please ensure that no liquid comes into contact with the product. Do not expose the device to excessive smoke, dust, mechanical vibration or shock.
- Only use the cables, adapters and batteries supplied.
- Place the unit near an accessible electrical outlet.
- Remove the handset from your ear when speaker mode is activated.
- Do not expose the device to excessive heat, e.g. to direct sunlight or near heating equipment.
- Do not use in areas where there are risks of explosion.

Operating and storage temperature

Use the device in a room where the temperature is always between 0 and 40ºC (32 to 104ºF).
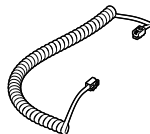
1 Discover your phone
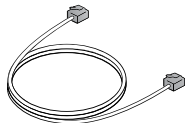
Box Content
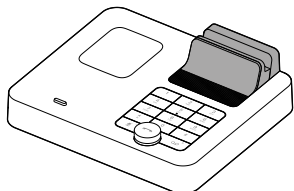
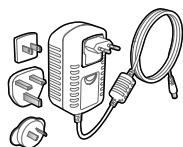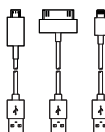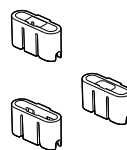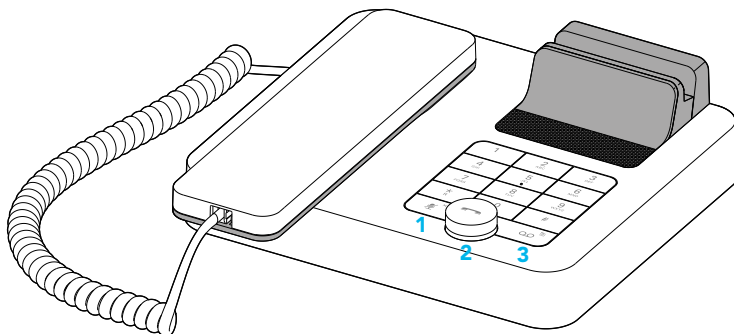NVX 220 base   Handset   Handset cord

Ethernet cable   AC adapter   Lightning, 30 pin   Lightning, 30 pin and
                                                and micro-USB cables   micro-USB cable adapters

Your invoxia phone

1 ⌀×   Mute- Delet

2   Adjust volume
                 Receive and end a call
                 Bluetooth pairing
                 Navigation button

3   Voicemail- Menu

Designed and produced by invoxia, Paris

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2 | Setup

Position

Place your phone near your network socket (and near your mains supply socket if you are using a mains power adapter).

Connect the base

This phone is powered by PoE (Power over Ethernet) on a compatible network, or through a mains AC 100-240V power supply.

1. Insert the cable suitable to your smartphone into the matching cable adapter.

 Ligthning   30-pin   Micro-USB
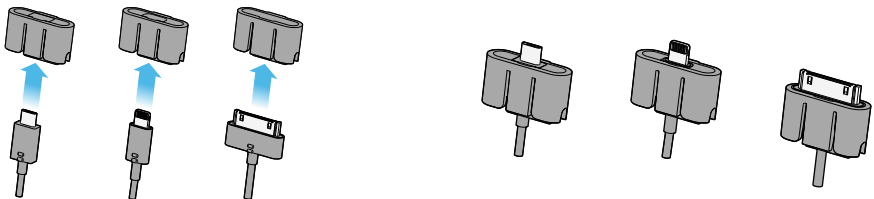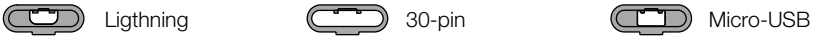
The cables may be placed at two levels. The first is for a classic use of your smartphones and/or tablets; the second is intended for smartphone and/or tablets with cases.
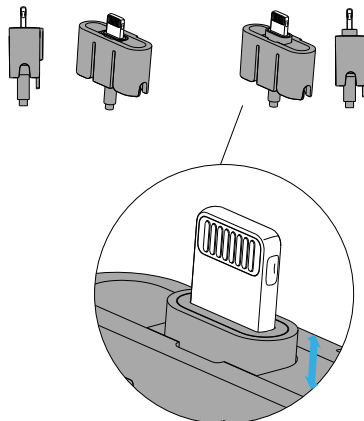
2. Slightly push the smartphone/tablet cradle rear part.
Place the cable and cable adapter in the special pocket of the receptacle.
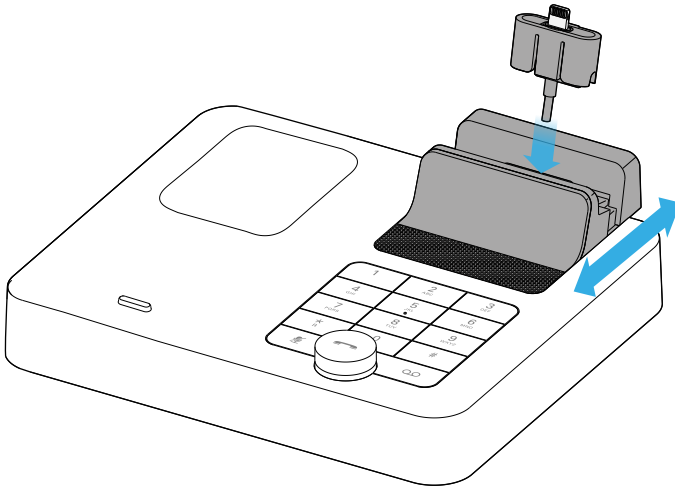
3. Plug the USB connector to the USB port under the device.
Plug one end of the Ethernet cable into the ⊞ connector at the back of the base and into your network telephone socket (▭ port is to connect to your computer to provide Internet).
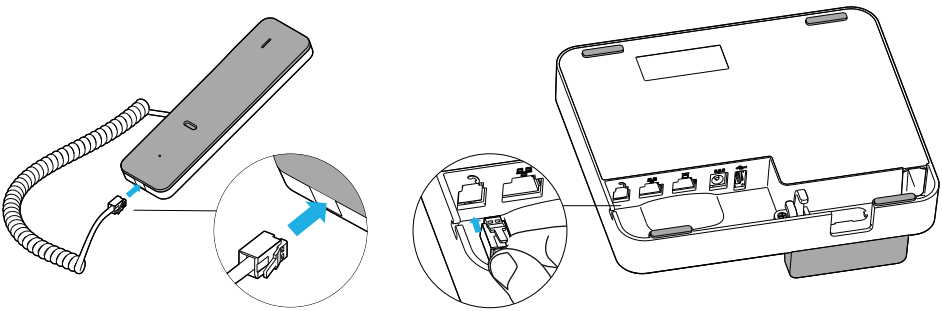

invoxia
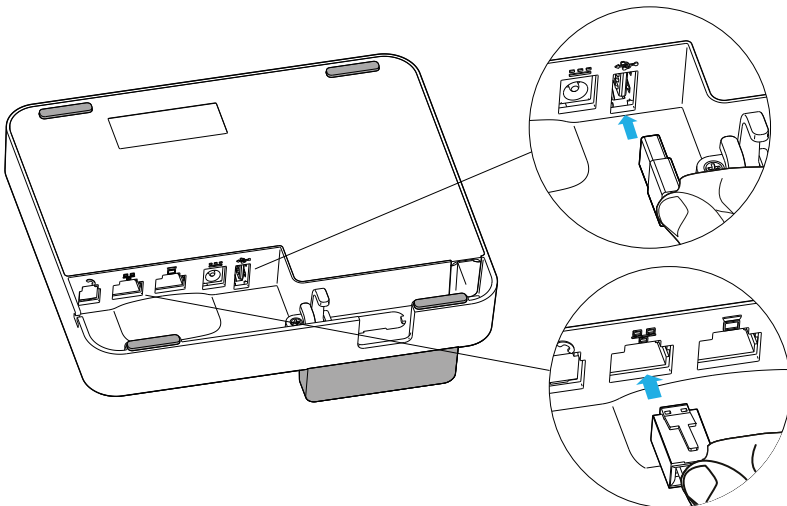
4. If you are using the mains supply, plug the mains power adapter into the back of the base and into a wall mount socket.
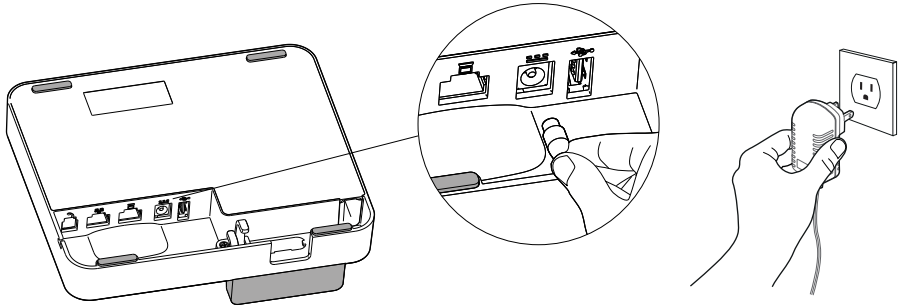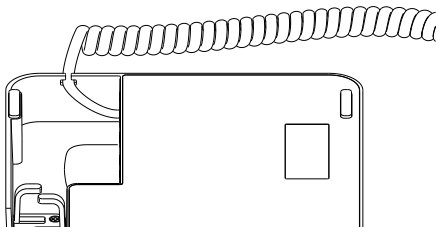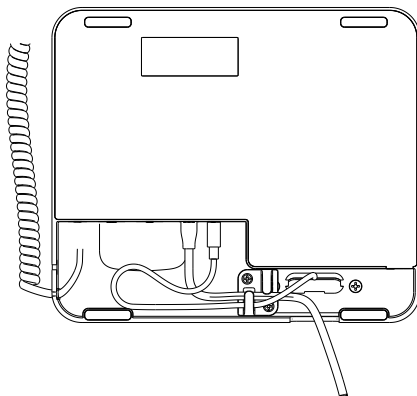

Install the handset

1. Plug the cord of the handset into the handset and into the RJ9 port under the base.

2. Slide the cord into place through the interstice under the base on the right.

3. Slide the cords into place through the interstices under the base.

During start-up, the NVX 220 shows the invoxia logo and an initialisation progression bar.
At the end of start-up, the icons ☎ and ─ ─ ┊─ ─ are shown alternatively, it means no SIP
line is configured and the time hasn't been detected yet.
To configure your line, download the invoxia app and follow the configuration instructions,
these steps are detailed below.
The time will be detected at first connection to your smartphone or tablet and will be displayed
on the NVX 220 screen.

Downloading the invoxia application

1. Go to the App Store or Google Play Store on your smartphone or tablet and download the invoxia
app (Free).
2. Start the application.

Configure your phone

1. Dock your smartphone or USB connect your tablet.
For iOS devices with activated Bluetooth, this triggers an automatic Bluetooth pairing.

2. Follow the instructions to configure your invoxia phone for use based on your network provider's
settings (SIP unsername, password, domain...).

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a. The first step of the set-up wizard is about informing you on your product new features and updates availability.
Let us your e-mail address to be informed on the future evolutions of your product.
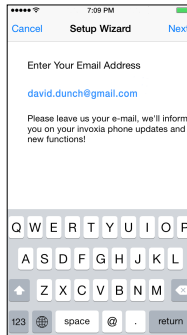
b. The following step allow you to configure your SIP account.
Gather all the parameters of your line. Choose your carrier on the list or "Other Sip Provider" at the list bottom if you don't find it. Enter the different fields necessary to your line and tap *Sign-In*.
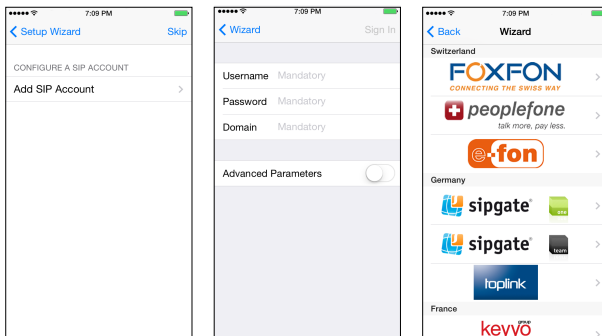
3. The set-up is complete. Your NVX 220 shows alternatively the time and your phone number. On the app, the icon 🟢 shows your line is configured and functionnal. If the SIP line isn't connected the ⚫ icon is displayed. Swipe the time from your finger to the right and tap your phone number to access your SIP account details quickly.

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3 | Bluetooth

Bluetooth 1st connection
*With iOS 6 and later versions, be sure your Bluetooth is actived first.*

- Dock or connect via USB your iPhone/iPod/iPad. The Bluetooth connection is then automatic!
- For iOS and Android devices, long push the volume button until you hear a sound signal.
  A «Pairing mode: waiting for connection» message allows you to pair your NVX 220 in your device
  Bluetooth menu. A final sound confirms the pairing. The icon ⁑ is displayed on the upper right
  corner of the NVX 220 screen.

+33146440873

Multiple connections: Pairing a new device / Reconnect a device
With iOS 6 and later versions, be sure your Bluetooth is actived first.

- Long push the volume button until you hear a sound signal. A «Pairing mode: waiting for
  connection» message allows you to pair your NVX 220 in your device Bluetooth menu.
  A final sound confirms the pairing.

- Connecting a previously paired device is easy from its Bluetooth menu. The last connected
  device is the controlling device.
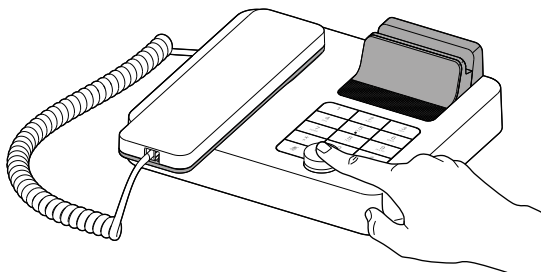
Disconnect a paired device
- Long push the volume button until hearing a double-sound signal. The last connected device is
  then disconnected and auto-connection is stopped. A «Disconnecting» message and sound
  signal confirms the disconnection. The Bluetooth icon ⁑ disappears from your screen.

- In your invoxia app, go to *Settings > Bluetooth*, you can tap «Unpair». The Bluetooth icon ⁑
  disappears from your screen.

Unpair all the connected devices
- Long push the volume button until hearing a three-sound signal. A «Clearing all subscriptions»
  message confirms it.
  ⚠ Also forget the NVX 220 from your device Bluetooth menu in order to complete future pairings.
  The Bluetooth icon ⁑ disappears from your screen.

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4 Use

The invoxia app is an intuitive configuration and user interface built around your Home screen, Recents, Contacts, and Keypad.

Home   Recents   Contacts   Keypad

Dial

Dial your numbers from:
- the Keypad tab ⠿ on your invoxia app and tap *Call*.
- the NVX 220 keypad. Pick-up the handset or press the volume button to launch the call in speaker mode.

Dialing with the app keypad you'll have the choice to launch the call through your SIP line or through your mobile line by keeping *Call* pushed for a short time. On the other hand, while you dial using the NVX 220 keypad, the call is automatically launched through your SIP line.

When you dial on the invoxia app, the ⊗ icon is used to delete the last digits entered.
When you dial from the device keypad, this feature is accessible with a double press on the volume button or by pressing once the Mute icon 🎤 ˣ.

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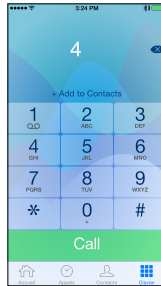
A long push on the volume button cancel your entry, the screen return displaying the time.
Any number dialed is automatically called if no new action is entered within 5 seconds.

Once the call is launched, you can see the icons 📞 or 📱 displayed before the dialed number on the NVX 220 screen (respectively for a SIP or mobile outgoing call).
On the app, when you're in a SIP call, the app shows access to your advanced features.
For a mobile call, the call is directly transfered on your Phone app.
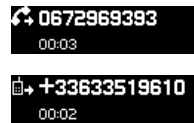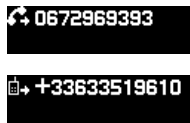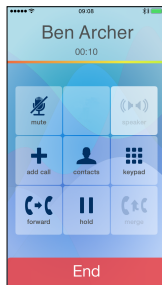
Call a contact

In the invoxia app, select your contact from *Contacts* 👤 . Select the contact number and choose *Call* to start the call through SIP. Choose *Call using cellular* to call through your mobile line. The call is in speaker mode until your pick-up the handset.

End a call

There are several ways to end a call:
  1. By pressing the *End* button on your smartphone / tablet.
  2. By replacing the handset on the base.
  3. In speaker mode, press the volume button.
  4. From the NVX 220 device by selecting Menu 📄 then 📞 with key 3.
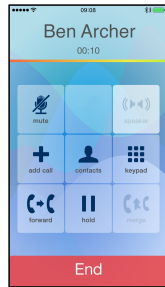
Answer a call

When you receive an incoming call, the icon ⚐ (for a SIP call) or ⚐ (for a mobile call) blinks on the NVX 220 screen. The icon is followed by the number or name of the callee.

There are several ways of receiving incoming calls:
1. By tapping the *Answer* button on your smartphone or tablet.
2. From the base, press the volume button. The incoming call is then received in speaker mode.
3. Pick up the handset from its base.
4. With a Bluetooth headset or Bluetooth headphones.

Adjusting the volume

Turn the volume button to regulate the volume coming from the speakers or the handset.

Mute the mic

To switch to secrecy mode, simply press the button on the base ⚐ ; this will prevent the person on the active call from hearing you.
On the NVX 220, a blue LED lights up when the mic is muted.
On the invoxia app, the ⚐ icon is enlightened when active.
To reactivate it, press the same button, and the LED switches off.

Activate and deactivatie the speakers

To accept a call in speaker mode or to switch to speaker mode during a call, press the volume button on the base.
To desactivate the speakers, pick-up the handset.
N.B.: In a speaker mode call
- when the handset is still picked-up, pushing the volume button will toogle between handset and speaker mode.
- when the handset is on the smart holder, pushing the volume button will hang up the call.
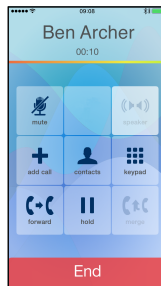
The speaker icon enlightens when active.

Decline an incoming call

From the app, choose *Decline.*

From the NVX 220, quickly push twice the volume button, keep the volume button pushed or select 🗈 then ✕← with key 3.

In any case, the call will be directly sent to the voicemail.

Stop an incoming call ringtone

Push the *Mute* icon 🔇, to mute the ringtone. You can also choose Menu 🗈 and 🔔 with the key 1.

Place a second call

From the invoxia app, for Apple and Android, during a call, press ➕ to dial a new phone number or access your *Contacts* 👤 .
The first call is put on hold.

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Answer a second call

A sound signal indicates a second incoming call.
On the NVX 220 screen you can see a second number displayed below the ongoing call. The blinking icon shows the second incoming call. The non blinking icon is for the active call.

From the invoxia app you can:
- Choose *Hold call + Answer*. The first call is put on hold.
- Choose *End call+ Answer* to put an end to the first call and answer the second.
- *Ignore* this second call and choose not to answer it. The call will be directed to the voicemail.
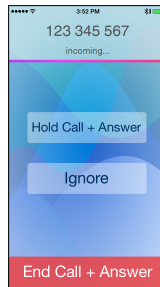
From the device keypad you can access the same features by:
- selecting *Menu* 📄 and ⇄ with the dial key 1 to answer the second call and put the first on hold.
- selecting *Menu* 📄 and 🎤 with the dial key 3 to end the first call. The phone will automatically ring again after hang up, you can answer normally to take this second call.
- selecting Menu 📄 and ✕← to ignore the second incoming call. It'll be directed to the voicemail.

Swap between calls

To swap between two calls, press the *Swap* 📞↔📞 tab from the app or select Menu 📄 and ⇄ with the dial key 1 from the NVX 220 keypad. The other call is automatically put on hold.

Conferences

This service depends on your carrier and phone plan. Additionnal charges may apply, please contact your carrier.
You may choose to create a conference between several calls by pressing *Merge* 📞📞 from the app or by selecting Menu 📄 and →+← with the dial key 3 from the NVX 220 keypad.
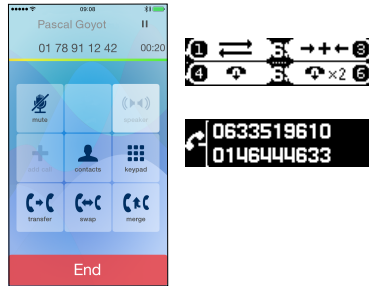
By pressing the volume button on the device you'll benefit from the invoxia sound in speaker mode for your conferences.

Split conference calls

To split a conference call into two different calls, please choose:
- from the invoxia app ❯ and *Private* on the call you want to take.
- from the NVX 220 keypad: select ←✎→ to split the conference in two (*Menu* ▤ plus key 1). The call on top of the screen will be taken.
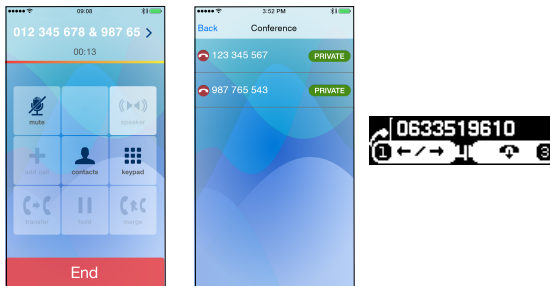
The other call is put on hold

Put an end to one or both calls

From the invoxia app, you can:
- select *End* to put an end to both calls in a conference.
- select ❯ and 📞 to put an end to the selected call.
- split the calls and put an end to the ongoing call.
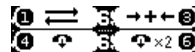
From the NVX 220 you can:
- select the 📞×2 button to put an end to both calls in a conference (*Menu* ▤ and key 6).
- split the calls and select the 📞 button to put an end to the ongoing call (*Menu* ▤ plus key 3).

Transfer a call

To transfer a call, press the *Transfer* tab 〔↦〕 and dial the number to which you wish to send the call to. Press *Call*. You can announce a transfer (inform the person to transfer the call to before transfering) or not (then it's a blind transfer).
You may also select *Contacts* 👤 and the person you wish to join in the list.

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Put a call on hold

To put a call on hold, you can interact from the invoxia app and the key ▌▌ .
The icon is enlightened when active. To take the call again, press it again.
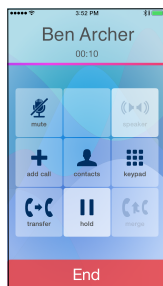
You can also interact from the NVX 220 keypad by selecting Menu 📄 and choosing ▌▌ with the
dial key 1. To take the call back, follow the same actions to press ▶.

| Put a call on hold | On hold | Unhold a call |

Missed calls

You can access all your missed calls from the Recents tab ⊘ on the invoxia app.
Your missed calls appear in red.
On the NVX 220 screen you can also see the icon when you have a missed call, a number
may also appear to mention the number of missed calls.

5 | Contact list

Your invoxia phone gathers all your mobile contacts on your invoxia app.

Display and call a contact

You can browse your invoxia phone contacts in *Contacts*. Select the name of the person you wish
to call. This displays his profile. Start the call though SIP or mobile by tapping the number you wish
to join him on.

Add a new contact / Edit a contact

To add or delete a contact: please directly use your *Phone* or *Contacts* app on your smartphone or
tablet.

N.B.:Your new contacts and changes will immediately appear in the invoxia directory.

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To edit a contact: you may act from the invoxia app. In *Contacts* 👤 , select the contact of your choice and tap *Edit* . Enter the changes and press *OK*.
This feature will soon be available on Android devices.

Directory access during a call

For Apple devices:
During a call, you may access the directory by pressing *Merge* ➕ and select *Contacts* 👤 .

For Android devices:
During a call, you may access the directory by pressing 👤 .

6 List of recent calls

🕐   Your recent call list displays all the calls directed to or from your SIP line.

Display your recent calls

Go in *Recents* ⊘ to display your recent call list from the app or push the volume button once.
Your last call appear on the NVX 220 screen and you can browse your list by turning the volume button.

Redial a number from Recents

In the invoxia app in *Recents* ⊘ , tap the name or phone number you wish to call on the list to launch the call.
With iOS, keep the name or number pushed to have the choice to call through SIP or mobile.
From the device, access your recent call list from the volume button, select the contact or phone number you wish to call back by turning the volume button. To launch the call, unhook the handset or push the volume button again.

Add a number from your Recents list

Select ⓘ to add the contact of your choice in your directory. Choose *Create New Contact.*
Fill in the wanted datas and press *OK*.
This feature will be soon available for Android.

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Delete your call history

In *Recents*, *Edit* and select the calls you want to delete by tapping ⊖ and *Delete.*
To delete the whole list, tap *Clear* and *Clear All Recents*.

With Android, you can delete the complete history with the icon 🗑 .

Browse your Recent call list

You can browse your recent call list from the invoxia app or from the device volume button.
Scroll the volume button to browse in your recent call list, your passed calls appear on your
NVX 220 screen.

To quit the list, keep the volume button pushed, you'll return to the Home screen displaying the time.
You can also quit the list from the device keypad by selecting Menu 📄 and pressing the dial key 1 ⊞
to return to the keypad or to go back to the Home screen by slecting the dial key 3 ✕ .

7 | Custom Settings

Customize your ringtones

1. From the invoxia app, go to *Home > Settings* ⚙ for an Apple device or ▭ for an Android.
2. Go to *Sounds > Ringtones.*
3. Select the ringtone of your choice.

SIP Voicemail

If your SIP voicemail isn't already pre-set, go to your app *Home > Settings* ⚙ or ▭
> SIP accounts > User > Advanced paramaters > Voicemail.
You then just have to tap the short number for your carrier voicemail access.

When you have new voicemails, the icons ⟁ on the device screen and keypad will flash.
On the screen you can also read the number of messages you have.

invoxia app Settings

The invoxia app, also lets you handles some features:
- Home options : notifications and recent calls options to display on the Home screen
- SIP account : to configure and manage your SIP account
- Sound : volume of ringtone, alerts , startup sound, etc
- Bluetooth: to manage your Bluetooth settings, connections
- General - Application: details about your fimware and application for updates and debug
information.

8 Technical Data

Mfi program

Made for iPod, Made for iPhone, Made for iPad
Compatible with iPod touch 5th generation, iPod touch 4th generation and iPod touch 3th generation, iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, iPhone 4s, iPhone 4 and iPhone 3GS, iPad Air, iPad mini, iPad 4th generation,iPad 3th generation, iPad 2 and iPad
Connection through USB to Lightning / 30 pin / micro-USB cables or Bluetooth

Connectivity

Bluetooth 2.1
2 gigabit Ethernet ports
1 USB port
1 RJ9 port

Codecs

Supports all main codecs including G.722, wideband
G.711a, G.711µ, G.726

Technical Specifications

Session Initiation Protocol (SIP)
Power Supply: 100-240V / 5V 3A AC adapter
Dimensions: 18,2x15, 5x4,7cm (IP phone), 17,3 x5x2cm (handset)
Operating temperature: 0 ° C - 40 ° C
Weight: 1 kg
Humidity: 10% - 90%

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Buttons

Product icons	
☎	Answer in speaker-mode, volume, Bluetooth pairing
☷	Voicemail, a blue light flashing on and off indicates you have new message
⌇	Menu - access to the advanced features
⌿ ˣ	Mute, a blue light illuminates when in use
	Delete last digits entered while dialing
⎓	Power supply
⟜	USB port
⛁	PoE Gigabit Ethernet port - network connection
⌨	Gigabit Ethernet port - computer connection
📞	RJ9 port - handset

Application icons	
⌂	Home
◷	Recents
👤	Contacts
⠿	Keypad
⟲	Swap between two calls
⟰	Merge calls - Conference
⟶	Transfer a call
➕	Add call
❚❚	Hold
((▶◀))	Speaker mode
⌿	Mute
⚙	Settings for iOS devices, Android devices go in their Settings with ▤
✆ ✆	Connected and disconnected SIP line SIP icon
✆	End a call - in conference mode
ⓘ	Information

Screen icons

Unconfigured SIP line

Bluetooth connected

Recents

Contacts

Keypad

Mobile incoming, missed and outgoing calls

SIP incoming, missed and outgoing calls

Unknown incoming, missed and outgoing calls

Voicemail icon, a digit can show the number of messages

Error, an explanation message is also displayed

Navigation icons (on boot mode only)

Call on hold

Put on hold - Take a call back

Missed call

Merge calls - make a conference

Stop the ringtone on an incoming call

Decline an incoming call

Split conference calls

Swap between calls

Hang up

Hang up two calls in a conference

Calls in a conference

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9 Warranty

This warranty relates to the telephone and not its accessories (power adapter, telephone cable).

Warranty Period

This telephone, when new, comes with a 12-month warranty. The Warranty Period starts on the date of purchase of the telephone.
The Warranty will be honored on presentation of the original bill or receipt, provided the date of purchase and the unit type are indicated.

Warranty Coverage

In the event of malfunction or defect during the Warranty Period, the authorized After Sales Team will unilaterally decide whether or not to proceed with the repair or replacement of the telephone in whole or in part.
Spare parts that may be used during repair may be parts which have been reworked.
The original purchase date determines the start date of the Warranty Period. The Warranty Period is not extended if we repair or exchange the phone through our After Sales Team.

Exclusion

Damage or defects caused through misuse or mishandling of the phone and through the use of accessories other than those originally included with the telephone or not recommended in this User Guide are not covered by this Warranty.

The Warranty does not cover damage caused by external factors such as lightning, water or fire or any other damage caused during transportation.

No warranty can be claimed if the phone is repaired, altered or modified by the purchaser or any other repairer who is not officially approved and qualified.

Procedure

Invoxia warranties that returns will be processed between 4 to 8 weeks. Be sure to return the full product in its original packaging and in perfect condition. Any returns not meeting these conditions will be refused.

All returns must be authorized in advance by invoxia, whose After Sales Team will issue you with a return reference. The return form must be printed out and attached to the returned product.

Invoxia reserves the right to determine in good faith if all these conditions are met. Upon receipt of the returned product invoxia will send an e-mail to confirm its receipt.

Contact

To contact the After Sales Team, please send an email to support@invoxia.com.

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Experience your phone!