Spracht® warrants its products against defects or malfunctions in material and workmanship under normal use and service, with the exceptions stated below. This warranty lasts for one year from the original date of purchase. Coverage terminates if you sell or otherwise transfer the product. In order to keep this warranty in effect, the product must have been handled and used as prescribed in the instructions accompanying the product.

Spracht® shall (at its option) repair or replace a defective unit covered by this warranty, or shall refund the product purchase price. Repair, replacement with a new or reconditioned unit, or refund, as provided under this warranty, is your exclusive remedy. This warranty does not cover any damages due to accident, misuse, abuse, or negligence. Spracht® shall not be liable for any incidental or consequential damages. Some states do not allow limitation or exclusion of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Implied warranties of merchantability and fitness for a particular purpose are limited in duration to the duration of this warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. To make a warranty claim, the purchaser must obtain a return authorization number (RA) from Spracht® (serial number and purchase date required), and then return the product to Spracht® at purchaser’s expense. A copy of the original dated receipt or shipping document must accompany the product. To obtain a return authorization, see Warranty on our website www.spracht.com, e-mail info@spracht.com, or contact us at:

Spracht
974 Commercial Street, Suite 108
Palo Alto, CA 94303 USA
Tel: 650-215-7500 Fax: 650-485-2453
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Aura Professional UC Conference Phone

Parts List

- Power Adapter
- RJ-11 Cable (Telephone Line Cable)
- Line In/Line Out Cable
- USB Cable
- Audio Transfer Adapter
- Power Extension Cable 21' (6.5m) long
- User Manual
- Junction Box

Optional Accessories

- External Microphone Cable
- External Microphone up to 2
- Audio Cable

If any items are missing or damaged, contact your place of purchase immediately. Do Not Use this product if it is damaged.
GETTING TO KNOW YOUR PHONE

Aura Professional UC® – Parts of the Phone

1 – LCD
2 – Microphones
3 – Keypad
4 – Speaker

LED Indicators
- Blue On: Conference Call in progress
- Blue Blinking: Conference Call on Hold
- Red On: Conference Call Muted
- Red Blinking: Incoming Call
GETTING TO KNOW YOUR PHONE

LCD Display

TIME & CALL HISTORY

LINE MODE STATUS

DYNAMIC INFORMATION AREA

INSTALLATION AND PRECAUTIONS

For best performance, follow these guidelines:

• To avoid electromagnetic interference, keep the Aura Professional UC™ 15’ (5m) away from
  1 – High powered electrical sources, such as generators or high voltage/power transformers
  2 – Electrical distribution boxes
  3 – Electrical switch panels
• To prevent microphone issues which would negatively affect the duplex feature (which allows you to speak and hear at the same time), position Aura Professional UC™ away from ultrasonic type motion detectors and occupancy sensor switches.
• Avoid areas with high background noise. The microphone(s) might pick up these sounds and prevent the speakerphone from going into receiving mode when you finish talking.
• Avoid a location where the phone would be subject to vibrational forces.
• Don’t place it on an uneven surface. Also, don’t place it in a corner, under a shelf, or next to a cabinet, as these locations may create an echo.
• Keep other objects about 2’ (60cm) away from Aura Professional UC™.

Caution:
Use only the supplied power adapter to reduce the risk of personal injury, fire, or other damage.
1 – Telephone Cable RJ-11
2 – Power Adapter
3 – Extension Power Cable 21’ (6.5m)
4 – Junction Box
5 – Optional External Microphone Cable 1
6 – Optional External Microphone 1
7 – Optional External Microphone Cable 2
8 – Optional External Microphone 2
CONNECTING YOUR PHONE

Phone Cables - Connections
POWER – Power jack on the port bay of Aura Professional UC™
EXT1 – EXT1 jack for Optional External Microphone
EXT2 – EXT2 jack for Optional External Microphone
LINE – Telephone line jack on the Aura Professional UC™
USB – Connect to PC or video system.
AUX – Audio jack connector for external audio device
IN/OUT – Connect to LINE IN/OUT device, or mobile phone

Phone Cables - Connections
Refer to the Connection Diagram on Page 5 for the modes described below.

1 – For PSTN (Analog phone) Mode
A. Plug one end of the 21’ (6.5m) long Power Extension Cable 8pin connector to the “EXT” port on the Junction box. Plug the other end into the jack labeled “POWER” on the phone.
B. Plug one end of the Telephone Line cable to the 6pin “LINE” port on the Junction box. Plug the other end into a Wall Phone port or an Analog Phone RJ11 6pin port.

2 – For USB Mode with a PC/Mac
Connect the USB type B plug into the phone’s USB port. Connect the other side, USB type A, into a USB 2.0 port on your PC/Mac.

3 – For Use with a Mobile Phone
Using the LINE IN/LINE OUT cable, connect one end to the “LINE IN/OUT” jack on the phone and the other end to your cell phone’s audio (headphone) jack.

4 – If you have Optional External Microphones (not included in the box)
Connect the External Microphone Cables from the phone’s “EXT 1” and “EXT 2” jacks to the 4pin jacks on the External Microphones.

5 – Last Step
Plug the Power Adapter DC jack into Junction Box’s “DC INPUT” socket, and then plug Power Adapter to a wall AC outlet.

SELF DIAGNOSTIC
Once the power is connected, a self diagnostic program will run. This is to ensure all the internal function blocks are good and working correctly.
1. The Green, Red and Blue LEDs will flash sequentially.
2. A tone will be heard when the diagnostic completes without error. The phone is now ready to use.
## AURA PROFESSIONAL UC™ KEYPAD FUNCTIONS

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Key</th>
<th>Function</th>
</tr>
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<tbody>
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<td><img src="image" alt="Multi-party Call Button" /></td>
<td><strong>Multi-party Call Button</strong></td>
<td>Make or end a call in USB or Mobile Mode</td>
</tr>
<tr>
<td><img src="image" alt="Redial Button" /></td>
<td><strong>Redial Button</strong></td>
<td>Redial (with phone on) or Recall (with phone in stand-by) or Speed Dial (with phone in stand-by)</td>
</tr>
<tr>
<td><img src="image" alt="PSTN ON/OFF Button" /></td>
<td><strong>PSTN ON/OFF Button</strong></td>
<td>1. Answer an incoming call from an analog line and 2. Dial/end a call from an analog line (PSTN)</td>
</tr>
<tr>
<td><img src="image" alt="Menu Key" /></td>
<td><strong>Menu Key</strong></td>
<td>Display the menu for settings and options</td>
</tr>
<tr>
<td><img src="image" alt="Selection Key" /></td>
<td><strong>Selection Key</strong></td>
<td>1. FLASH Feature while on a PSTN Call 2. Switch between calls using the FLASH feature 3. Choose a menu item (while in Stand-by)</td>
</tr>
<tr>
<td><img src="image" alt="Mute Button" /></td>
<td><strong>Mute Button</strong></td>
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<tr>
<td><img src="image" alt="Vol Key" /></td>
<td><strong>Vol Key</strong></td>
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</tr>
<tr>
<td><img src="image" alt="Dial Pad" /></td>
<td><strong>Dial Pad</strong></td>
<td>Alphanumeric Keys</td>
</tr>
</tbody>
</table>

Note: Stand-by Mode is when the phone is plugged in, but the PSTN ON/OFF button is OFF.
Using the Aura Professional UC™

Placing a Call Over Analog Phone Line (PSTN)

1. Dialing Out
   Press the On/Off button to get a dial tone, then dial the number. The Blue LED will be on.

2. Redial
   Press the On/Off button, then press the REDIAL button. The last number called will be displayed and dialed.

3. Speed Dial
   In stand-by mode, press the speed dial ‘REDIAL’ button. The LCD will display “SPDL[01-20]”. Dial the two speed dial identification numbers that correspond to the phone number you want to call.

4. Recall
   In stand-by mode, use the volume keys to scroll through previously dialed or previous incoming numbers. Press the REDIAL button when you find the number you want.

4. To cancel a call being dialed
   Press the On/Off button.

Answering a Call Over Analog Phone Line (PSTN)
When the Red LEDs blink, it indicates an incoming call. Press the On/Off button to answer the call. Both the speakers and the microphones will turn on, and the LCD will display “PSTN”.

Answering a Second Call
If another call comes in while you’re on a call, you will hear a call waiting tone. Press the ‘FLASH’ button to answer the incoming call. The first call will automatically be placed on hold.
You can switch back and forth between calls using the Flash key.
Note: The feature is available based on your PBX system. You may need to set the correct flash time (default is 600ms, which is the US standard). The call waiting feature may not be available on your telephone line. Check with your telephone system administrator or service provider.
**PLACING A SOFTPHONE CALL VIA USB**

Using Aura Professional UC™ in USB Mode for Skype and other apps

1. Turn on your PC/Mac and open Skype or other app. Connect one end of the USB cable to your PC/Mac. Connect the other end to the USB port on your phone. It will take 5-10 seconds to automatically install the driver for the first time setup.

2. Press the button; the LCD will indicate you are in USB Mode, and the blue LED will be on. Aura Professional UC™ now acts as a USB hands-free speaker for PC/Mac and Video Conferencing devices. It provides HD voice quality sound both on the speaker and microphone path. Press the button again to exit a USB VoIP call.

3. To optimize the performance, set the PC/Mac and Video device volume settings for microphone and speakers in the middle of the range. Adjust as needed. Don’t activate any sound processing effects such as Automatic Gain Control (AGC), echo cancellation, or noise suppression software on your PC/Mac.

---

**PLACING A CALL USING A MOBILE PHONE**

This feature allows you to take advantage of the speaker and microphones of the Aura Professional UC™. For example, if you were on a call on your mobile phone, you could connect your mobile phone to the Aura Professional UC™ and use its speaker and microphones to continue your call and include everyone in the room in the conversation.

1. Connect one end of the LINE IN/LINE OUT cable provided in the box to the IN/OUT jack in Aura Professional UC™ and the other to the 3.5mm (headphone) jack in your cell phone.

2. Your cell phone should be on.
3. To begin in MOB Mode, press the △ button; the LCD display will indicate you are in MOB Mode, and the blue LEDs will be on.

4. To place a call or answer a call using MOB Mode, adjust the volume on both your mobile and Aura Professional UC™ to ensure the sound covers a 150 sq ft room and that the phone’s microphone can pickup voices in every corner. This allows Aura Professional UC™ to expand mobile hands-free capability to cover the entire conference room.

To maximize performance, turn the mobile phone’s hands-free mode to OFF. Confirm the mobile has good wireless signal strength. Keep background noise as low as possible.

5. To end the call and exit MOB Mode, press the △ button.

Note: To end a PSTN call, press the button; to end a USB VoIP call, press the △ button; and for a mobile phone call, press the △ button.

Call Mute
To mute a call, press the MUTE Button while the call is in progress to turn your phone’s microphones off. The Red LEDs will stay on while in Mute Mode.

To release mute, press the Mute Button again. The Red LEDs will go out.

Call Hold
While a call is on hold, neither party will hear each other.

PSTN Call Hold
While on a PSTN call, press the Menu key to place the call on hold. The Blue LED will blink. Press the button again to resume the call.
Redial While in PSTN Mode
Press the ON/OFF button, and then the REDIAL button. The last number called will display and dial.

Recall While in PSTN Mode
With the phone in Stand-by Mode, use the VOL Up and Down Arrow keys to scroll through the numbers. When you find the number you want to call, press the REDIAL button to place the call.

Speed Dial (from Stored Number Memory) While in PSTN Mode
With the phone in Stand-by Mode, press the REDIAL button. The Green LEDs will turn on. Enter the 2-digit number that represents your desired number. The Green LEDs will switch to Blue once the number has been dialed. (see p 17 for how to save numbers)

Speed Dial Number Guidelines
• ID numbers are numeric only, between 0 and 9. The total number sequence is between 01 and 20.
• Speed Dial operations can only be accessed while in Stand-by Mode.
• Anything not supported will turn on the Red LEDs. This includes:
  • a number greater than 20
  • the number doesn’t exist or
  • no number is stored under that 2 digit ID

Flash Function While in PSTN Mode
During an analog call, press the FLASH button for Flash functions, such as:
• accept a second call while putting your current call on hold
• alternate between the 2 calls
The default Flash time is set for 600ms (US Standard).
Searching for Call History in Stand-by Mode
Press the VOL+/VOL- buttons to scroll through your call history. The LCD will display the last 20 dialed/incoming numbers.

Deleting ALL Call History in Stand-by Mode
Press the MUTE button for 5 seconds while in Stand-by Mode to delete your entire call history.

Call Timer Display
The LCD display shows the call progress on an active call.

MULTI-PARTY CONFERENCE CALLS

Multi-party Conference Call & Line Mode Selection
Aura Professional UC™ allows you to hold conference calls via analog phone line, USB connected mode, and mobile phone calls, all simultaneously. You can add another line or switch between connected lines during a call. You don’t need to adjust any settings: the functionality is plug-and-play.

Making a Three-way Call via PSTN + USB/Mobile Phone
Check that Aura Professional UC™ is connected to the analog phone line and either/both the USB cable and/or Line In/Line Out cable to your mobile phone.
- Press the ON/OFF button, then dial/answer a PSTN call.
- Press the button for the USB/Mobile Phone Mode.
The 3-way conference is now set up for PSTN and USB/Mobile. The LCD display will read CONF.
MULTI-PARTY CONFERENCE CALLS

Making a Three-way call via USB + Mobile Phone
Check that Aura Professional UC™ is connected to the USB cable (connected to PC/Mac or other device), and the Line In/Line Out cable (and connected to your mobile phone’s headphone jack).
• Press the button to enter the USB Mode and Mobile Mode and setup the 3-way conference from a USB call and a mobile call. The LCD will display ‘CONF’.

Making a Four-way call via PSTN + USB + Mobile Phone
Check that Aura Professional UC™ is connected to the analog line, USB cable and via the Line In/Line Out cable to the mobile phone.
• Press the ON/OFF button, then dial/answer a PSTN call.
• Press the button to enter the USB and Mobile Phone Mode, and setup the four-party conference call from PSTN line + USB + Mobile network. The LCD display will read CONF.

While on a USB/Mobile call, if you receive an incoming call from the PSTN line, press the button to add the analog phone call to the conference.

When Aura Professional UC™ is in USB Mode for a Softphone call, you can plug the Line In/Line Out cable into a mobile phone to add a call from mobile phone. Aura Professional UC™ will enter the conference mode of USB + Mobile automatically. Similarly, when Aura Professional UC™ is in Mobile Mode, you can add in a USB softphone call.

Switching/Disconnecting a Line During Calls
Disconnecting a PSTN Line During a Call:
Press to cancel the PSTN line.

Disconnecting a USB and Mobile Phone Call:
Press to cancel the USB and mobile phone simultaneously.
Aura Professional UC™ has an auxiliary audio port that allows external devices to connect to the conference phone, with the use of an included audio transfer adapter. Typical applications are: connect to an external microphone system; connect an audio power amplifier; or to a mixing console to expand microphone and/or speaker coverage.

**Connect to an External Microphone System**
First, connect to the “AUX” port on Aura Professional UC™ using a 3.5mm audio transfer cable. Then, connect the “MIC” port of the audio transfer adapter to the output port of the microphone system. Set the Aura Professional UC™ status to “EP” by pressing the “MENU” key for 5 seconds, in order to shut off all inner microphones and turn on the extension microphones. The Red LEDs will blink for a second then turn off while this feature is activated. The LCD will display “EP” in stand-by Mode.

**Connect to an External Sound Console**
First, connect to the “AUX” port on Aura Professional UC™ using a 3.5mm audio transfer adapter. Then, connect the “MIC” port of the audio transfer adapter to the microphone output port of the sound console; connect the “SPK” port of the transfer cable to the speaker input port of sound console. Set the Aura Professional UC™ status to “PA”. Press the VOL Down Arrow $\downarrow^{\text{VOL}}$ to adjust the volume down to “PA”. The local speaker and inner microphones of Aura Professional UC™ will shut off. Press the VOL Up Arrow $\uparrow^{\text{VOL}}$ to return to normal.
EXTERNAL AUDIO DEVICES

Connect to an External Amplifier
First, connect to the “AUX” port on Aura Professional UC™ using a 3.5mm audio cable. Then, connect the “SPK” port of the audio transfer adapter to the input port of the audio amplifier.
Set the volume on Aura Professional UC™ to “0” in order to shut off the inner speaker but keep the inner microphones on.

PHONE SETTINGS

Using The Menu
Aura Professional UC™ feature settings can be accessed manually using the keypad and menu keys. Use the [0], [A], and [B] buttons to navigate through the Menu Settings.

1 SET DATE

2 SET FLASH

3 LCD BRIGHT

4 SPEEDIAL

5 SET RING VOL
PHONE SETTINGS

1. Set the Date and Time
Press the Menu [ ] key. The LCD screen will display 1 SET DATE. Press the Select [ ] key to select that function. When your selected function (SET DATE) begins flashing press the [ ] again to confirm. Use the VOL Arrow Up/Down [ ] keys to scroll, then [ ] to set.

2. Set the Flash Time (90/100/120/180/300/500/600/900ms)
Press the Menu [ ] key. Use the VOL Arrow Up/Down [ ] keys to scroll to 2 SET FLASH. When you reach the function, press the [ ] to confirm. You can use the VOL Arrow Up/Down [ ] keys to scroll to the correct setting (the default is 600ms, the US standard). Press the [ ] to confirm.

3. Adjust LCD Brightness
Press the Menu [ ] key. Use the VOL Arrow Up/Down [ ] keys to scroll to 3 SET BRIGHT. When you reach the function, press the [ ] to confirm. Use the VOL Arrow Up/Down [ ] keys to adjust the level. Press [ ] to confirm.

4. Store Speed Dial Numbers
Press the [ ] key. Use the VOL Arrow Up/Down [ ] keys to scroll to 4 SPEEEDDIAL. When you reach the function, press the [ ] to confirm. The LCD will display Group [01-20]. Input the ID number you will use for this phone number, then enter the phone number. Press [ ] to confirm. If there is already a phone number for that ID number, the LCD will display Begin and Cancel. If you want to change the number, select Begin. If not, select Cancel.

5. Set Ringtone Volume
Press the Menu [ ] key. Use the VOL Arrow Up/Down [ ] keys to scroll to 5 SET RING VOL. When you reach the function, press the [ ] to confirm. Use the VOL Arrow Up/Down [ ] keys to set the volume level. Press [ ] to confirm. Ringtone volume has 12 adjustable levels; volume increases from 1 to 12, with the default at 7.

6. Set DND Function
In order for DND to work, the volume level cannot be set to 0.
PHONE SETTINGS

Speaker Volume Adjustment
1. During an active call, press the Volume Up/Down keys to adjust the speaker volume. The speaker volume will increase from 1 to 12, and is displayed on the LCD screen.
2. The Green LEDs will blink within the volume range and will blink Red when the range is exceeded.

Special Settings
PA and 0 settings are for PA System Applications.
PA – Turns off the internal microphones and speaker
0 – Turns off the speaker

Extension / External Microphones Selection
To turn off the internal microphones: While in Stand-by Mode, press the ‘MENU’ key for 5 seconds. The internal microphones will turn off. The Extension microphones and any other external microphones connected to Aura Professional UC™ will still be on.
The Red LEDs will blink for a second then turn off while the feature is active. The LCD will display ‘EP’ while in Stand-by Mode.

To turn the internal microphones back on: While in Extension Microphones Selection status, press the ‘MENU’ key for 5 seconds to cancel this feature. All internal and extension microphone will be back on.
USING THE EXTERNAL MICROPHONES

Using the Extension Microphones
1. Before starting, unplug Aura Professional UC™’s AC Power Adapter. This step will ensure the microphones will set up properly.
2. Using the Extension Microphone cables, plug one end into the EXT1 and EXT2 jacks of Aura Professional UC™. Plug the other end into the jacks in the microphones.
3. Re-connect the AC Power Adapter to Aura Professional UC™.

The External Microphone will pick up your voice the best if you are facing it. The position of the microphone is shown in the picture below.

There is a Mute button on top of the microphone, and status LEDs.
• The Green LED indicates the microphone is ON.
• The Red LED indicates the microphone is on MUTE.

PARTS LISTING

Junction box CP-3012-001
Power Adapter for US version CP-3012-002
Power Extension Cable 8pin RJ45 both sides (connects Junction box and Main unit) CP-3012-006
Phone Cable 6-4pin RJ11 both sides CP-3012-007
External Microphone RJ22 4pin both sides CP-3012-008
External Microphone CP-3012-009
USB cable, (6ft long USB Type A to USB Type B) CP-3012-010
Audio Cable, 2 mono 3.5mm plugs to one 3.5mm stereo plug, 6’ CP-3012-011
Line In/Line Out Cable, 3.5mm 4 connection plug both sides CP-3012-012
Audio Transfer Adapter, 3.5mm plug to 2 3.5mm sockets CP-3012-014
FCC DECLARATION

1. This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US:AAAAEQ##TXXXX. If requested, this number must be provided to the telephone company.

2. A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

3. If this equipment [US: ODITE06BCP3012] causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

4. The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

5. If trouble is experienced with this equipment, for repair or warranty information, contact us at:
   Spracht
   974 Commercial St, Suite 108, Palo Alto, CA 94303 USA
   Tel: 1-650-318-8050
   Fax: 650-485-2453

   If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

6. Please follow instructions for repairing if any (e.g. battery replacement section); otherwise do not modify or repair any parts of device except specified. For repair procedures, follow the instructions outlined under the limited warranty.

7. Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

8. If your home has specially wired alarm equipment connected to the telephone line, ensure the installation it does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

9. If the telephone company requests information on what equipment is connected to their lines, inform them of:
   a) The ringer equivalence number (REN) 0.6B
   b) The USOC jack required [RJ11C]
   c) Facility Interface Codes (“FIC”) [02LS2]
   d) Service Order Codes (“SOC”) [9.0Y]
   e) The FCC Registration Number [US: ODITE06BCP3012]

10. The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. The REN for this product is part of the product identifier that has the format US:AAAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point. For this product the FCC Registration number is [US: ODITE06BCP3012] indicates the REN would be 0.6B.

11. If this product is equipped with a cabled or cordless handset, it is hearing aid compatible.

12. We suggest customers use a surge arrester to protect the device.

CERTIFICATIONS:
   FCC Part 15B, FCC Part 68, UL
   CS-03, RSS-210, CUL
   CE, TBR-21
   A-Tick, C-Tick