

Spracht Limited Warranty Policy

All information is believed to be reliable, however specifications are subject to change without notice.

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, 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 at www.spracht.com, send an e-mail to info@spracht.com, or contact us at:

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For repair or replacement of a failed product, allow 4 to 6 weeks for processing and shipment.

Other Optional Accessories

External Microphone

CP-2016-007

sold as a pair



Bluetooth® Adapter Module

CP-2016-004

Plugs into the Aura SoHo™
Conference Phone Accessory Bay
so you can use your cell phone to
make conference calls.



All Accessories are available from our website: www.spracht.com

Digital Adapter Module for **AURA SoHo™** Conference Phone CP-2016-003

APPLICATION

The Digital Adapter Module is designed to allow the Aura SoHo™ Conference Phone to be used with your existing PBX phone system. The Aura SoHo™ Conference Phone requires use of one of your PBX phones, and will use the dial pad from that phone to dial phone numbers for outgoing calls. When connected this way, some features of the Aura SoHo™ Conference Phone will not be accessible; the speaker, mics and noise cancelling DSP will be fully operational.



Installation Guide

Installing the Digital Module

1. Power OFF the Aura SoHo™ Conference Phone before changing Modules.
2. Unplug the wall adapter AC power cable.
3. On the under side of the Aura SoHo™ Conference Phone, remove the lock screw from the Analog Module, if your module has one (see *Figure 2*).



Module location



Figure 2

4. Remove the Analog Module (*Figure 3*) and install the Digital Adapter Module (*Figure 4*).



Figure 3



Figure 4

5. If you removed a lock screw, replace it now to secure the module.

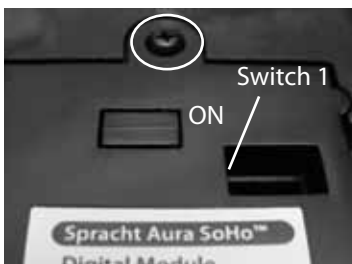


Figure 5

6. Set Selector Switch 1 on the Digital Adapter Module to ON (Up position, *Figure 5*).
7. Plug the AC power cable back into the wall outlet. After a couple of seconds you will hear 3 tones. This indicates the digital interface is installed and operational. If you don't hear the tones, unplug the power cable from the wall and check to make sure that Switch 1 is in the ON position, then replug again.

Connecting the Cables

1. Unplug the handset cable from your PBX phone and connect it to the Phone handset port in the Aura SoHo™'s Digital Adapter Module. (Figure 6)

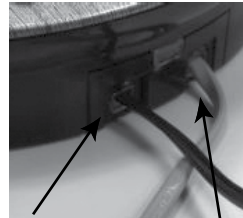


Figure 6

2. Plug the included black phone cable to the PBX port on the Aura SoHo™'s Digital Adapter Module and to the PBX phone handset jack (Figure 7).

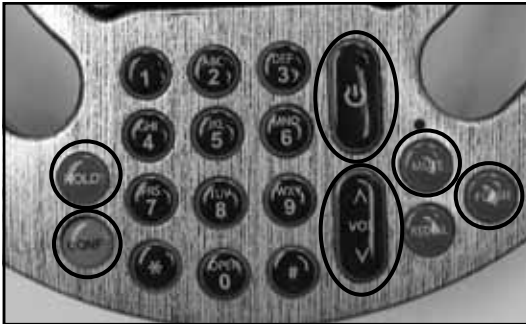


Figure 7



PBX Base port Phone handset port

3. Reconnect the AC power cable. You will first hear 2 tones, then several seconds later, 3 more tones.



In Digital Mode, only the circled buttons are active.
The Keypad Functions are:

CONF - Starts the Digital Gain adjustment process.

FLASH - Ends the Digital Gain adjustment process

HOLD - Turn the input and output sound ON and OFF.

MUTE - Turns the Mic ON and OFF.

VOL - Up and Down- Speaker Volume Control.

Location of Switches



Setting the DIP Switches (to Adjust Output Gain)

1. Using the Compatibility Matrix in Appendix A, set the DIP switches in the Digital Module to the correct position. If your PBX System indicates a setting which requires a custom setting, you will have to follow “The Gain Adjustment Procedure” to set your switches.
2. Turn ON the Aura SoHo™ Conference Phone by pressing the **⏻** button.
3. Press the CONF button until the backlight on the keypad flashes 3 times.
4. Remove the handset from the PBX phone cradle.
5. Dial another PBX phone in the office using the PBX phone keypad. Begin speaking to check that the receiving side can hear you clearly. If the sound volume is ok, proceed to “Making a Call”. If the sound volume is too low, you will need to adjust the dip switches on the bottom of the Digital Module, from left to right; make sure to keep Switch 1 ON.

The Gain Adjustment procedure

Since all PBX Systems have different gain levels, you will have to experiment to find the setting that best fits your system. Once you have achieved a setting that allows for the best output gain, leave the switches in that position.



1. Set Switches 2, 3, 4 to the OFF position. This is the default gain of -3 dB.
2. Turn the Aura SoHo™ Conference Phone over and test the volume level. To increase the volume, access the bottom of the Digital Module again.
3. Set Switch 2 to the ON position; Switches 3 and 4 will be OFF. This will increase the output level to 0 dB. Test the volume level again.
4. To increase the level again, set Switch 3 to the ON position. Switches 2 and 4 will be in the OFF position. This increases the output level to 6 dB.
5. To increase the output level to 9 dB, set Switch 4 to the ON position, and Switches 2 and 3 to the OFF position.
6. The maximum level is 15 dB. Set all the Switches to the ON position.

When you have the correct level set, press the FLASH button on the Aura SoHo™ Conference Phone’s keypad. This will end the Gain Adjustment Mode.

To verify that you have set the correct level, make a test phone call. If the level is not correct, repeat the Gain Adjustment procedure until you reach the proper output level. Remember you will have to press the CONF button

until you see the backlight flash 3 times in order to enter the Gain Adjustment Mode.

Making a Call

- Turn ON the Aura SoHo™ Conference Phone by pressing the power button .
- On your phone, take the handset off the hook. You will hear the dial tone through the Aura SoHo™ Conference Phone's speaker.
- Dial the number on your phone's keypad, not on the Aura SoHo™ Conference Phone.
- You can adjust the speaker volume level by using the VOL button on the Aura SoHo™ Conference Phone.
- You can Mute the mic on the Aura SoHo™ Conference Phone but pressing the MUTE button.
- To end the call, replace the handset on your phone and turn OFF the Aura SoHo™ Conference Phone by pressing the Power button .

Appendix A

MANUFACTURER	MODEL	SPRACHT SWITCH
Alcatel	Not Specified	3
Avaya/Lucent/AT&T	Definity	3
	Destiny	3
	Dimension	2 or 3
	Horizon	2
	ISDN	3
	Infinity	3
	Legend	3
	Merlin	3
	Merlin II	3
	Partner	3
	Spirit	3
	System 25	3
System 75	3	
System 85	3	
Comdial	Digitech	3
	Executech	3
	Impact	3
David Systems	Not Specified	3
Eagle	Not Specified	2
Ericsson	MD110	3
Executone	Encore CX	3
	IDS	3
	Model 228	3 (see note 1)
	Model 432	3 (see Note 1)
	Key Systems	2 or 3
Fujitsu	Focus 196	See note 2
	Others	4
Harris	Lanier	3
Hitachi	Digital Model 200	1
	HCX-5000	1
Intecom	IBX System	3
Intertel	Hitech	1
	MPK-2	1
	Axxess	3
	Others	1

MANUFACTURER
Isoetec
ITT
Iwatsu
Kokyo Co.
Lanier
Lexar
Macrotel
Mitel
NEC
Nitsuko
Northcom
Nortel (Northern Telecom)
Panasonic
Phillips
Siemens Rolm

NOTES 1 The indicated telephone set may require a custom setting to optimize the audio level from the conference phone to the remote parties.

2 The indicated telephone has "non-Standard" handset wiring, which requires an adapter cable. Contact SPRACHT if you have one of these telephones.

MODEL	SPRACHT SWITCH
Key Systems	3
Digital PBX	1
Not Specified	2
Omega	2
Omega III	2 or 3
Omega IV	1 or 4
Kanda	1
EKT-220 (Elec key)	2
Telex	See note 2
Not Specified	4
Superset	2 or 3
SX-200	3
Determ II	1 or 4
Determ III	1 or 4
Determ IV	1
Electra	2 or 3
Freedom	1
Mark II	1
Others	1
Onyx	3
Premier (NC-1648)	3
Advantage	3
Focus	2
Logic One	3
Meridian SL1 & SL100	3
Meridian 1	3
Norstar	3
Unity	2 or 3
Vantage	3
KXT Series	3
DBS	2 or 3
Others	3
Not Specified	1 or 4
Model 120	1 or 4
Model 240	1 or 4
Model 400	1 or 4
Model 600	1 or 4
Others	1 or 4

MANUFACTURER	MODEL	SPRACHT SWITCH
Other Siemens	Dyad	See note 2
	Dyad Jr.	See note 2
	HCM-600	3
	HCM-200	3
	Hicom Digital	1
	Saturn 260	See note 2
Southwestern Bell	Freedom Phone-Older	3
	Freedom Phone-Newer	1 or 4
SRX	Vision Phone	2
Tadiran	EKT 221	3 (see note 1)
	Emerald	4
	Coral I & II	4
	Others	3 (see note 1)
Telrad	Model 816	4
	Model 2464	4
	Symphony	4
	Digital (818)	4
	Others	4
TIE	Business Comm	2
	Datastar	2
	DCX	2
	Meritore	2
	Onyx	3
	TC22	2
	EX2260	2
	Ultracom CX	2
	Keyset 9	2
	Toshiba	EKT 2000 Series
EKT 3000 Series		2
EKT 6000 Series		3 or 4
Perception		3
Strata (Key system)		2
Strata (Digital)		1 or 3
103 Series		2 or 3
Trillium	Panther	2 or 3
	Talkto 616	2
Vodavi	Electronic Key System	3 (see note 1)
Walker	Marathon	1 or 4
	Poet	1