Wireless CROS* or BiCROS

using wireless streaming



Use this guide to program a pair of ease products with BiPhone functionality as a wireless CROS* or BiCROS using the BiPhone program.

In this example, the Right ear is the unaidable ear and the Left ear is the better ear with some hearing loss.

Step 1 Detect the Hearing Instruments



Make selections on the Acoustics & Accessories screens as appropriate. Run the Feedback manager as usual, but it is only necessary to tun it for the better (in this case Left) ear.

Step 2

Fitting / Program Manager screen

• Add a Telephone or an Acoustic Telephone program:

Client Instruments Fitting End Fitting End Fitting	0000 (7) DataLogging Scout	Quiet Qui
Program Manager	Selected Prog	2 🛱 🛕 🛄 Connection 🕂
Please click the button next to the program you wish to add.	Autosurround 4	1
Quiet	Quiet	
Speech in Noise	Speech in Noise	
Car with Speech	Noise	
Noise	Music	
Car / Plane		
Music	Manual	PhoneConnect
Place of Worship	Acoustic Telephone	
Acoustic Talanhona		
Mute		
Change program name to CROS of	BiCROS if desired	
 Uncheck the PhoneConnect box 		
Manual	PhoneConnect	
RICROS		
BICKUS		

*Technically, since the mic on the better side cannot be turned off in the software, these aids cannot be programmed as a true CROS fitting. Gain for a normal hearing ear will be very low and therefore unnoticeable.

Step 3

Fitting / Configure Features screen

- From the menu on the left select the CROS or BiCros program
- Enable BiPhone
- Preferred Phone Ear = unaidable ear or transmitter



In the Input box

- Input on the Phone Ear should be "Omni (Mic)"
- Input on the Non-Phone Ear (= Better Hearing side) should be "Audio Streaming + Mic"
- Uncheck "6 dB Mic Attenuation"

Input			×
Phone ear:	Omni (Mic)	Mic Attenuation	
Non-phone ear	Audio Streaming + Mic ▼	6 dB Mic Attenuation	

Step 4 Fitting / Tuning screen

- Select the CROS or BiCROS program from the menu on the left
- Click on the AcclimatizationManager Box at the bottom of the screen
- Click the "Unlink" button followed by unchecking "Automatic" on the unaidable side.
 Next, slide the green "Current" slider to 100% on that side

AcclimatizationManager			×	
Automatic	c	Automatic	5% per month 🛛 🗸 End Value: 100%	
	Current: 100%	Current: 75% Time remaining: ~ 5 months		

- Click on the Soft/Mod/Loud Controls box at the bottom of the screen
- Click the "Unlink" button, followed by clicking on the word "All" for the unaidable side
- Reduce gain completely in all bands. This will stop sound from exiting the earhook of the hearing instrument on the unaidable ear and stream sound (the input to the mic on that side) only to the better ear

Soft / N	Mod / Loud	Controls						X
All	Low	Mid	High	C	Low	Mid	High	All
Sc Clic	k to adjust overa	ll gain at all frequ	encies. .7		14	22	10	Soft
Mod	13	19		+ +	12	15	4	Mod
Loud					7	7	-6	Loud
CR	1,5	2,2	2,8	-	1,4	1,7	2	CR
1 dB 🔻								
View right ear only ► 3 8 20							ear only	

Client Instruments Fitting End Fitting	12 3 X Program on Manager	Configure Features	0000 DataLogging		(1) scout	© ▼ (4) sound 9	BiCROS R × Detect sound 9 sound 9-312 xS RIC sound A M	k L J 9 9-312 xS RIC Connection	▼
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Autosurround 4 -	dB				dB			Gam	
Speech in Noise	80				80				
Noise									
Music	60				60	-			
Manual –	40				10				
BICROS <	40				40				
Wireless +	20				20				
	0				0				
	-20		_		20			M	
	125 25	50 500 1k	2k 4k	8k Hz	125 250	500 1k	2k 4	k 8k	Hz
All Programs	120 20	500 IK		ok niz	120 250	JOO IN	2.4 1	K OK	
		Soft / Mod / Loud	Controls				5	3	
				20					
		All Low	Mid	ligh	Low	Mid	High All	100.00	
> =	anager	Soft -16	-19	-30	14	22	10 Soft	CR / TK	
Select a sound file	 8/1 	Mod -20		-38	12	15	4 Mod		
	Off	Loud -27	-39	-50		7	-6 Loud	Adjusted	
		CK 1,5	2,2	2,8	1,4	$\perp_{i}/$	Z CR		
		View right ear only		1 dB	0	[◀ View left ear only		

Step 5 End Fitting / HI Setup screen

• Click on the Startup Settings box at the bottom of the screen and change the Startup program to program 2 (in this example the BiCROS program)



- The hearing aid will now boot up in the second program
- Click on the Program Toggle box and uncheck "*Include AutoSurround 2/3/4*" which will make BiCROS the only program on this aid
- More than one Telephone or Acoustic Telephone program can be added and configured similarly if needed



- Now the BiPhone program is configured as a CROS* or BiCROS, transmitting the sound from the unaidable ear to the better ear via wireless audio streaming
- Save to the aid & database (and accessories, if any)

Remember that while connected to the computer for programming, the sound will not stream to the better ear. You need to reboot the hearing instruments (remove any cables or iCube II and restart the hearing aids) to have your patient experience this wireless CROS* or BiCROS solution

For additional information regarding HANSATON as well as HANSATON hearing systems and services, please contact us personally or on the Internet at www.hansaton.com



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