



DESCRIPTION

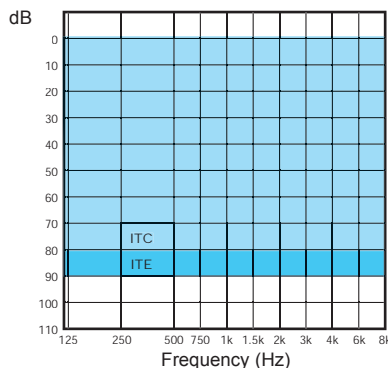
Fully digital signal processing
4 trimmer adjustable parameters
15 one channel configurations
39 two channels configurations
16 KHz bandwidth
Low level expansion
Eliguide
External volume control
Color coded trimmers
Pink, beige, brown faceplate
Pink, beige, brown, red, blue shell
Wax guard
Bell canal
Iros

Additional cost options

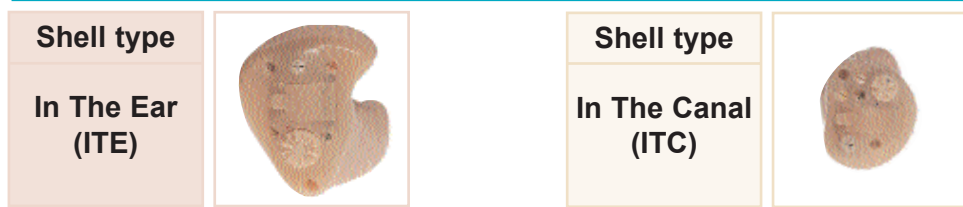
Telecoil
Microphone "intellimic" (ITE only)



FITTING RANGE



Eligo is the only digital hearing aid offering a choice of 9 parameters controlled by 4 trimmers. This high end technology hearing instrument offers 15 configurations of 4 trimmers for the 1 channel version and 39 choices for the 2 channels version. Using the *Eliguide*, the professional will choose the most efficient combination of parameters that is best suited for a specific hearing impaired person. The circuitry includes high quality features such as a 16 KHz bandwidth, expansion and a notch filter. In conclusion, *Eligo* offers the facility of trimmer controls found on analogue products with digital sound quality.

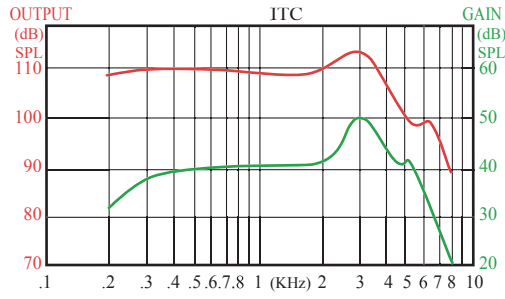
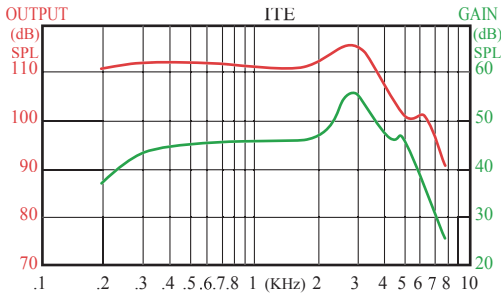


PERFORMANCES DATA	ANSI S3.22-1987			IEC 118-7 1994		
	Typical		Limits	Typical		Limits
Styles	ITE	ITC		ITE	ITC	
SSPL Saturation (dB)						
Peak	116	114	±4	116	114	±4
HF-average	115	112	±4			
SPL Gain (dB)						
Peak	55	50	±4	55	50	±4
HF-average	47	43	±4			
Reference test gain (dB)						
1 000 - 1 600 - 2 500 Hz	38	35	±4			
1 600 Hz				38	34	±4
Frequency response (Hz)	200-7500					
Total harmonic distortion (%)						
Input 70 dB @ 500 Hz	1.0	0.8	<8			
Input 70 dB @ 800 Hz	0.8	0.7	<8			
Input 70 dB @ 1 000 Hz				1.3	0.8	<8
Input 65 dB @ 1 600 Hz	1.2	0.5	<8			
Battery life (hrs)						
13 ZA	206			222		
312 ZA	103	114		111	125	
10 ZA		57			63	
Battery life (mA)	1.07	0.96		0.99	0.88	
Equivalent input noise (dB)	23	25	<32	24	30	<35
Attack time (ms)	32	32		32	32	
Release time (ms)	256	256		256	256	

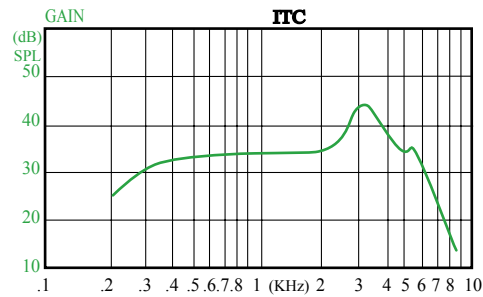
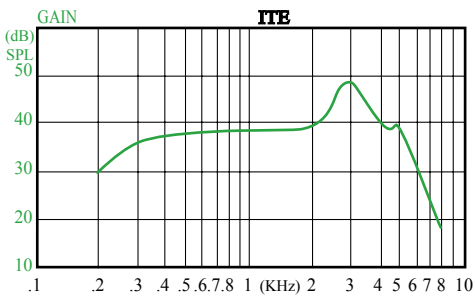
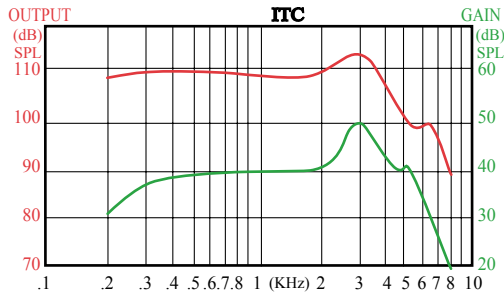
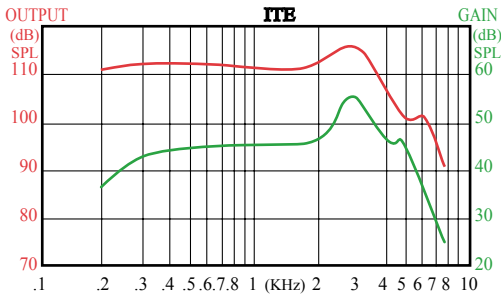
Control trimmers

Hear the difference!

ANSI S3.22 1987 DATA



IEC 118-7 1994 DATA



Note: Every hearing aid is built according to the patient's audiogram. The given data in this document represents maximal characteristics. They can vary according to the particularities of the order and the shape of the shell. They are also subject to changes without notice..



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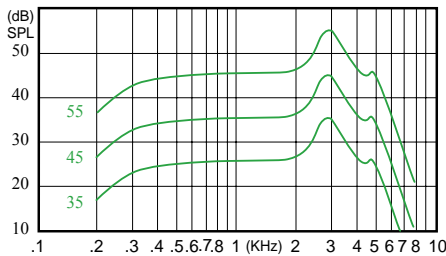
<http://www.audiocontrole.com>



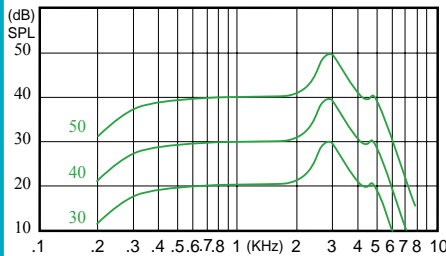
Hear the difference!

50 dB input curves

ITE, SSPL90=116 dB



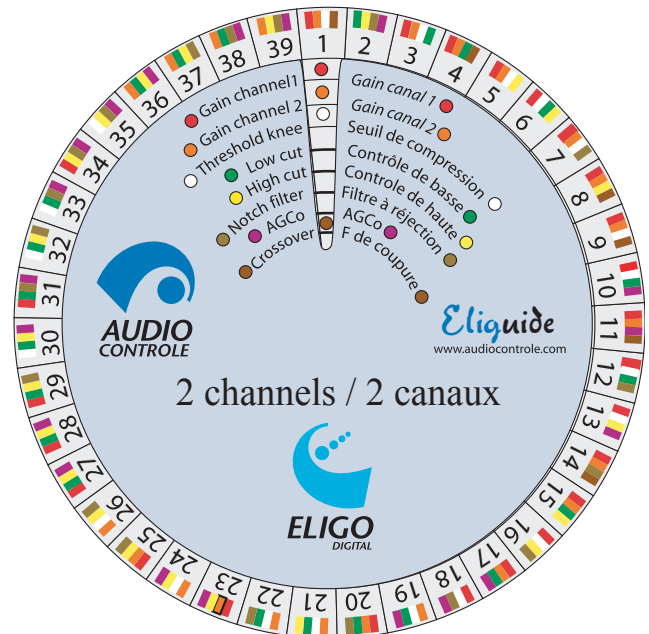
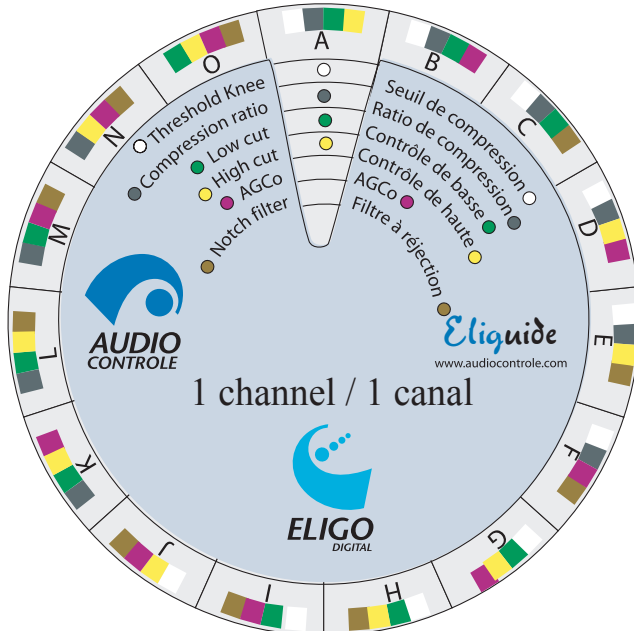
ITC, SSPL90=114 dB



Note: Every hearing aid is built according to the patient's audiogram. The given data in this document represents the available matrixes. They are chosen to give the patient the perfect balance between flexibility and easy positioning on his volume control.

ELIGUIDE

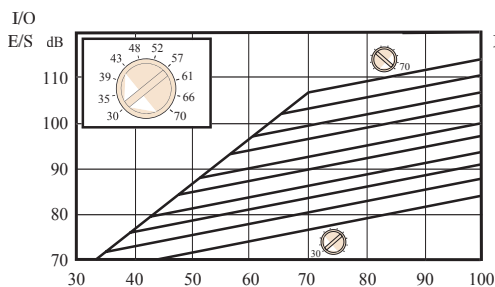
The *Eliguide* is a very handy tool designed to help you quickly select the right combination of trimmers for your patient. All trimmers are color coded, and with a quick glance at your *Eliguide* you will see on it's outer portion the combinations of trimmers available for the 1 channel version or the 2 channels version. By writing the corresponding letter for the 1channel, or the number for the 2 channels, on the order form, the exact combination will be manufactured.



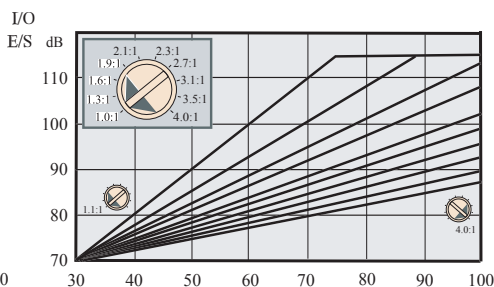
Hear the difference!

TRIMMERS' EFFECTS

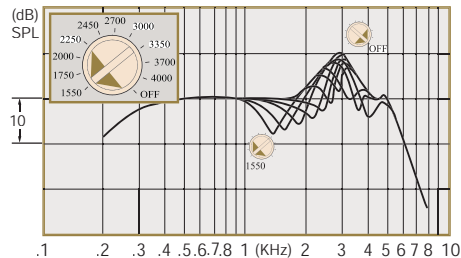
Threshold knee



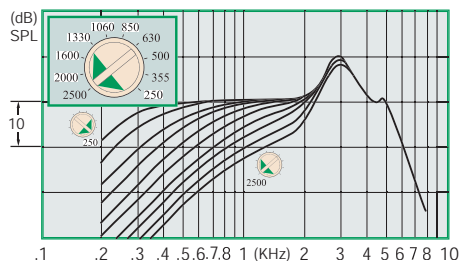
Compression ratio



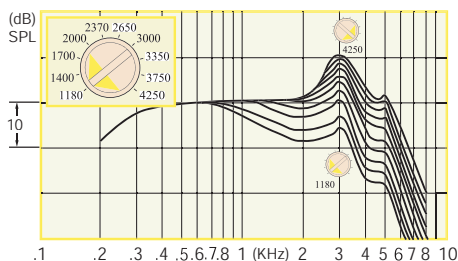
Notch filter



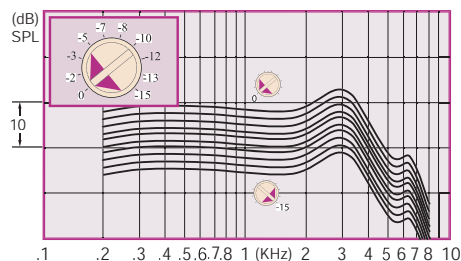
Low cut



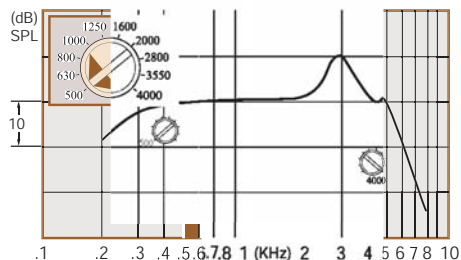
High cut



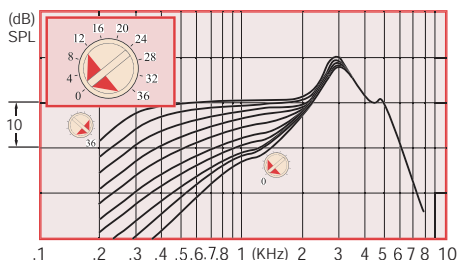
AGCo



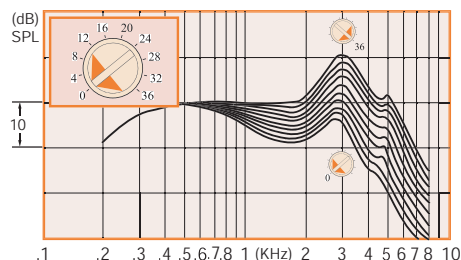
Crossover



Gain channel 1



Gain channel 2



The above graphics represents the trimmer's effects for each parameter. The "compression ratio" trimmer is available only for the 1 channel version while the "crossover frequency", the "gain channel 1" and the "gain channel 2" are unique to the 2 channels version. All other trimmers are available in both versions. When turning the trimmers, an audible "clik" will separate each step, allowing you to specifically know where your trimmer is set. Refer to the *Éliquide* to choose the perfect combination for your patient.

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