

**PICCOLO  
ATC**

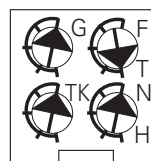
# Technical Information

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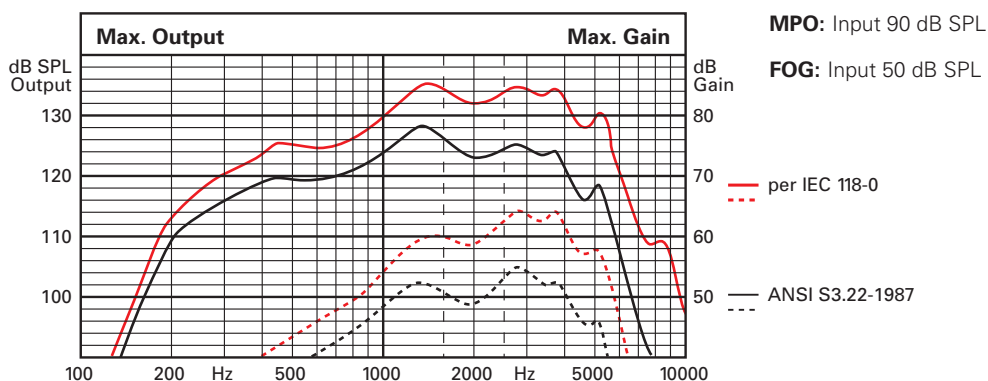
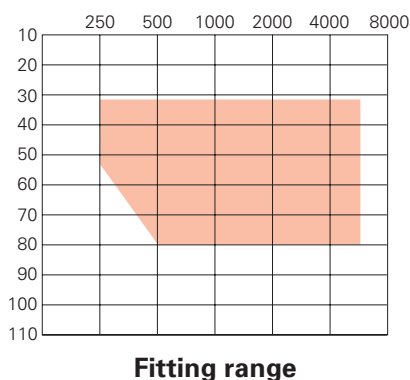


**REXTON** 

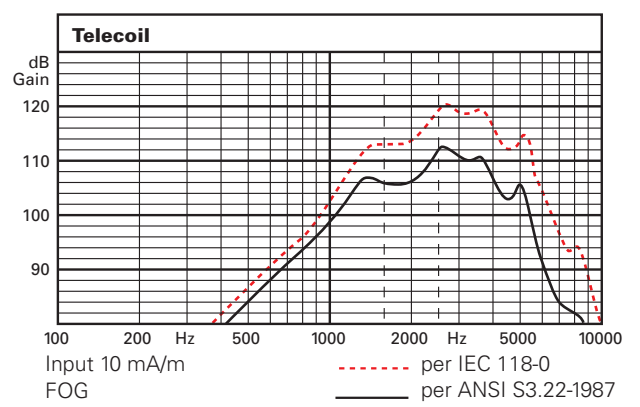
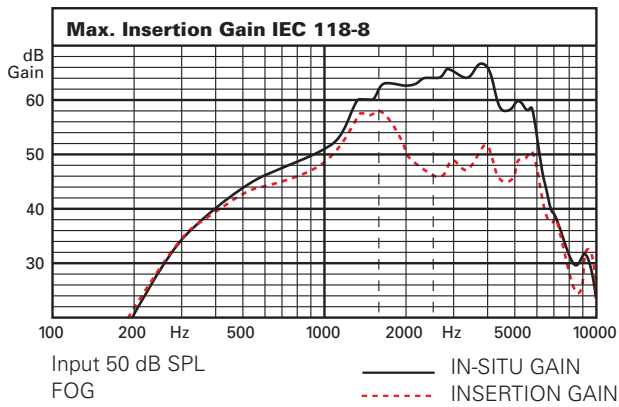
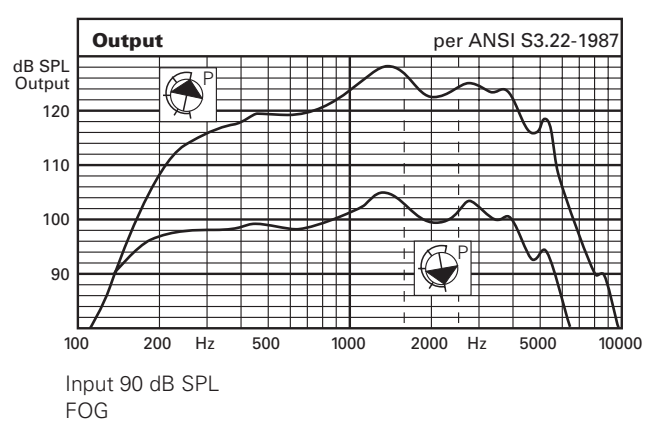
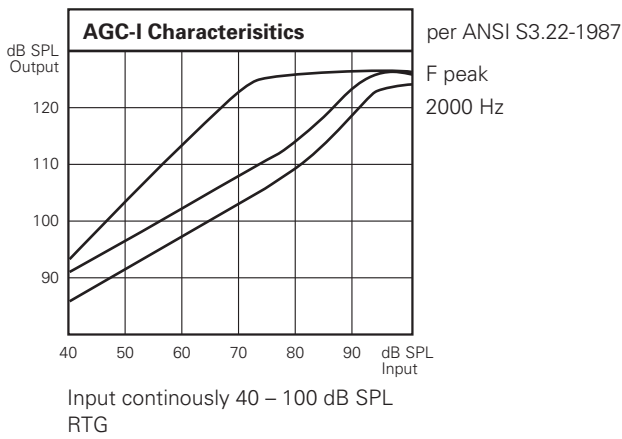
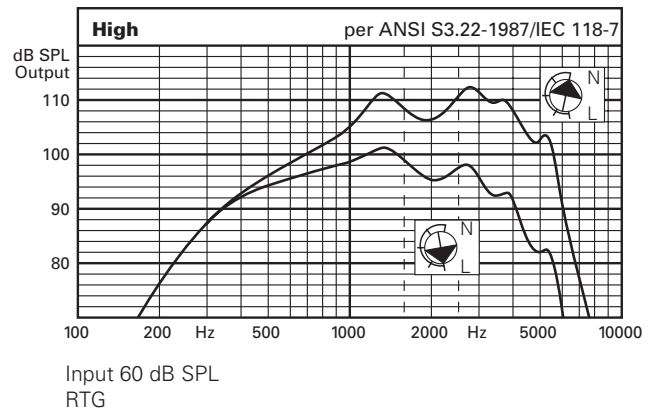
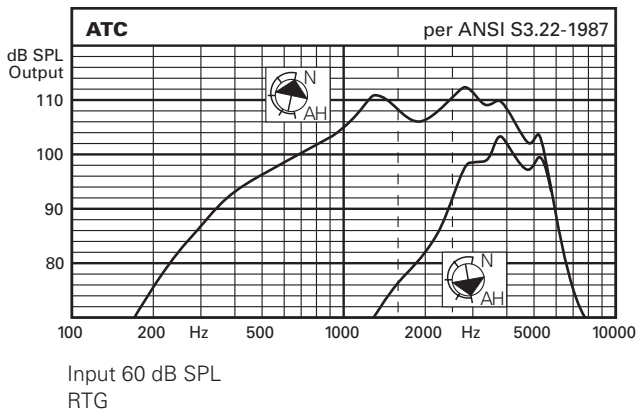
# PICCOLO ATC



<b>Performance Data</b>			<b>per ANSI S3.22-1996</b>	<b>2 ccm coupler IEC 118-7</b>	<b>Earsimulator IEC 118-0</b>
<b>Saturation</b>	Peak	dB SPL	128	128	135
	at 1.6 kHz	dB SPL	–	126	134
	HFA-SSPL90	dB SPL	125	–	–
P control range at peak		dB SPL	– 23	– 23	– 23
<b>Full-on Gain</b>	Peak	dB	55	55	64
	at 1.6 kHz	dB	–	51	59
	HFA Full-On-Gain	dB	51	–	–
Reference Test Gain		dB	48	44	51
<b>Frequency Response</b>		Hz	320 – 5800	300 – 6000	320 – 6800
ATC control range at 500 Hz		dB	>50	>50	>50
High control range at 4000 Hz		dB	18	18	18
<b>AGC-I</b>	threshold control range at peak	dB SPL	40 – 75	40 – 75	40 – 75
	Attack Time	ms	250	250	250
	Release Time	ms	500	500	500
	Compression ratio		2:1	2:1	2:1
<b>Total Harmonic Distortion</b>					
70 dB SPL in	500 Hz	%	6	6	5
	800 Hz	%	6	6	5
	1600 Hz	%	3	3	2
<b>Equivalent Noise Level</b>		dB SPL	21	21	22
<b>Induction Coil Sensitivity</b>					
1 mA/m at 1.6 kHz		dB SPL	–	86	93
10 mA/m at 1.0 kHz		dB SPL	98	–	–
<b>Battery Current</b>					
65 dB in		mA	1.5	–	–
60 dB in 1.6 kHz		mA	–	1.3	1.3
<b>Battery Life</b>	type 13 mercury	h	70	80	80
	type 13 zinc-air	h	150	180	180
<b>IEC Reference Test Frequency</b>		Hz	1000	1600	1600



# PICCOLO ATC



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## Features

- Extremely small high-performance instrument featuring a FDRC (Full dynamic range compression) amplifier. Dual AGC. A model with extremely efficient tone trimmers.
- For moderate to severe hearing losses
- Flexible fitting possibilities with 4 effective fitting controls (located on the side of the instrument)
  - ATC** – Active tone control, highly effective low cut with 24 dB/oct
  - NL** – High frequency control continuously variable up to 18 dB at 4 kHz
  - AGC** – input SPL controlled compression, threshold continuously variable up to 40 dB
  - PC** – output control continuously variable up to 23 dB
- Easy-to-operate rotating MTO switch
  - Separate positions for Off-Telecoil-Microphone
- Volume control with large numbers for easy reading
- Highly sensitive telecoil
- Service friendly access to components
- Battery type 13
- Available in three colours (creme, cocoa, caramel)
- Audio input as a standard

## Accessories

- Audio shoes available in housing colours
- Eyeglass adapter available in housing colours and transparent
- Microphone instrument available for CROS or BICROS fitting
- Transparent housing for individual colouring
- Ear hooks with different dampers available

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