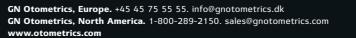
#### ALIRICAL A

Frequency variage
MEZP, MOUNCO, SP, TDH39 earphones:  BC: Standard frequences: 125 - 12500 Hz Accuracy
Standard frequencies 250 - 8000 trz
Accuracy Acc
Namow Band Noise masking   Available for each stimulus frequency   Frequency resolution   175 to 17500 Ftr at standard frequencies   175 to 17500 Ftr at standard frequency   175 to 17500 Ftr at standard frequency   175 to
Ironaucry resolution:
Stimulus types   Tone audionetry;   Tone, Warble, Pulsed tone, Pulsed warble   Marking types
Tone audiometry.         Tone, Warble, Pulsed tone, Pulsed warble (Marshing types)           AC, BC, ST:         Narrow Band Noise (Correlated)           FM, Warble, BC, ST:         Narrow Band Noise (Correlated)           Stimulus modulation         White Nacie (Web band noise) (Correlated)           FM, Warble!         Adjustable modulation rate and depth           FM, Warble!         Modulation rate 1.20 Hz (default. SHz)           FM, Warble!         Modulation rate 1.20 Hz (default. SHz)           SSI         1, 2, 5 dB increments           Signal presentation         The state of the entire level range (AC):           Accuracy over the entire level range (BC):         250 to 5000 Hz; ad dB, 5000 to 12500 Hz; a5 dB           Accuracy over the entire level range (BC):         250 to 5000 Hz; ad dB, 5000 to 12500 Hz; a5 dB           Accuracy over the entire level range (BC):         250 to 5000 Hz; ad dB, 5000 to 12500 Hz; a5 dB           Accuracy over the entire level range (BC):         250 to 5000 Hz; ad dB, 5000 to 12500 Hz; a5 dB           Accuracy over the entire level range (BC):         25 to 5000 Hz; ad dB, 5000 to 12500 Hz; a5 dB           Accuracy over the entire level range (BC):         25 to 5000 Hz; ad dB, 5000 to 12500 Hz; a5 dB           Accuracy over the entire level range (BC):         Air a 2.5 %, 80 cwe 5 % 80.           Tatal barmonic distortion:         The signal is interrupted when the stimulate button
Masking types  AC, BC, SF:  Narrow Band Nose (Correlated) Spech Weighted Nose (Correlated) Spech Weighted Nose (Correlated)  Stimulus modulation  FM Warbiek:  Adjustable modulation rate and depth Modulation rate: 1-20 Hz (default: SHz) Modulation repth: 1-25% of center frequency (default: 5%) SISI SISI SISI SISI SISI SISI SISI SI
AC, BC, SF: Speech Weighted Mosies (Correlated) Speech Weighted Mosies (Correlated) White Noise (Wide band noise) (Correlated) Modulation rate in 20 Hz (default; 5 Hz) Modulation depth: 1-25% of center frequency (default; 5%) Sizes (3, 2, 5 dis increments) Sizes (4, 2, 5 dis increments) Accuracy over the entire level range (AC): Accuracy over the entire level
Spech Weighted Noise (Correlated)
White Noise (Wide band noise) (Correlated)
Stimulus modulation
FM (Warble):         Adjustable modulation rate and depth           Modulation rate: 1:20 FM (default: 5 Hz)           Modulation rate: 1:20 FM (default: 5 Hz)           SIS:         1, 2, 5 dB increments           Signal presentation         Accuracy over the entire level range (AC):         125 to 5000 Mz; ±3 dB, 5000 to 12500 Mz; ±5 dB           Accuracy over the entire level range (BC):         250 to 5000 Mz; ±4 dB, 5000 to 8000 Mz; ±5 dB           Aftenuator resolution:         1 or 5 dB step resolution over the entire range           HL Range:         Maximum output will be limited by the transducer           Total harmonic distortion:         Air < 2.5 %, 8 one < 5 %
Modulation rate: 1-20 Hz (default: 5 Hz)
Modulation depth: 1-25% of center frequency (default: 5%)   Sis
1, 2, 5 dB increments
Signal presentation         Accuracy over the entire level range (AC):       125 to 5000 Hz: ±3 dB, 5000 to 12500 Hz: ±5 dB         Accuracy over the entire level range (BC):       250 to 5000 Hz: ±4 dB, 5000 to 8000 Hz: ±5 dB         Accuracy over the entire level range (BC):       250 to 5000 Hz: ±4 dB, 5000 to 8000 Hz: ±5 dB         Attenuator resolution:       1 or 5 dB step resolution ower the entire range         It Range:       Maximum output will be limited by the transducer         Total harmonic distortion:       Air < 2.5 %, Bone < 5 %
Accuracy over the entire level range (AC):         125 to 5000 Hz: ±3 dB, 5000 to 12500 Hz: ±5 dB           Accuracy over the entire level range (BC):         250 to 5000 Hz: ±4 dB, 5000 to 8000 Hz: ±5 dB           Attenuator resolution:         1 or 5 dB step resolution over the entire range           HL Range:         Maximum output will be limited by the transducer           Total harmonic distortion:         Xir < 2.5 %, Bone < 5 %
Accuracy over the entire level range (BC): Attenuator resolution: 1 or 5 dB step resolution over the entire range Attenuator resolution: Attenuator resolution: Attenuator resolution: Air < 2.5 %, Bone < 5 %  Stimulus presentation  Normal: The signal is presented when the Stimulate button is pressed Continuous ON: The signal is presented when the Stimulate button is pressed Pulse duration:  Selectable transducer  Pulse: The signal is pulse Pulse duration:  Selectable transducers  Total 19, ME-70, HOLIMCO, HDA 200 headphones, and insert Earphones BC:
Attenuator resolution:  It Range:  Maximum output will be limited by the transducer Total harmonic distortion:  Air < 2.5 %, 8 one < 5 %  Stimulus presentation  Normal:  The signal is presented when the Stimulate button is pressed Continuous ON:  The signal is interrupted when the Stimulate button is pressed Pulse: Pulse duration:  Selectable transducers  AC:  B7H 39, ME-70, HOLMCO, HDA 200 headphones, and Insert Earphones BC:  B7H (Mastoid placement)  SF:  Passive sound field speaker, using the built-in amplifier in AURICAL Aud, or Sound field speaker, using the built-in amplifier, with both types using the line output from AURICAL Aud  Transducer options depend on how AURICAL Aud is ordered and calibrated  Outputs  AC:  2 x 2 mono jacks, 6.3 mm (1/4 ")  SF power output:  SF power output:  SF power output:  SF power output:  3 x 2 terminals, 3 x 40 W peak, 80 load  SF line output:  1 x mono jack, 6.3 mm (1/4 ")  SF power output:  SF line output:  1 x mono jack, 6.3 mm (1/4 ")  SF power output:  SF power
HL Range: Maximum output will be limited by the transducer Total harmonic distortion: Air < 5 %, Bone < 5 % Stimulus presentation  Normal: The signal is presented when the Stimulate button is pressed Continuous ON: The signal is interrupted when the Stimulate button is pressed Pulse: The signal is pulsed when the Stimulate button is pressed Pulse: The signal is pulsed or the signal is pulsed Pulse: The signal is pulsed Stimulate button is pressed Pulse: The signal is pulsed Pulse duration: The signal is pulsed Pulse Pulse: The signal is pulsed Pulse Pulse: The signal is pulsed Pulse Pulse: The signal is pulsed Pulse Pulse. The signal is pulsed Pulse Pu
Total harmonic distortion:         Air < 2.5 %, Bone < 5 %           Stimulus presentation           Normal:         The signal is presented when the Stimulate button is pressed           Continuous ON:         The signal is interrupted when the Stimulate button is pressed           Pulse:         The signal is interrupted when the Stimulate button is pressed           Pulse duration:         200 ms on and 200 ms off (configurable)           Selectable transducers         The signal is interrupted when the Stimulate button is pressed           BC:         The signal is pulsed           Selectable transducers         The signal is pulsed           SEI         Amount of the signal is pulsed           Selectable transducers         The signal is interrupted when the Stimulate button is pressed           SEI         Amount of the Stimulate button is pressed           SEI         Amount of Stimulate button is pressed           BC:         The signal is interrupted when the Stimulate button is pressed           BC:         B71 (Mastoid placement)           BC:         B71 (Mastoid placement)           BC:         Sund field speaker, using the built-in amplifier or external amplifier, with both types using the line output from AURICAL Aud or The Stimulate Dutton AURICAL Aud, or Sund field speaker, using the built-in amplifier or external amplifier, with both types using the line output from AURICAL Aud or The Stimulate Dutton AURICAL Aud or The
Stimulus presentation       Normal:     The signal is presented when the Stimulate button is pressed       Continuous ON:     The signal is interrupted when the Stimulate button is pressed       Pulse     The signal is pulsed       Pulse duration:     200 ms on and 200 ms off (configurable)       Selectable transducers       AC:     TDH 39, ME-70, HOLMCO, HDA 200 headphones, and insert Earphones       BC:     871 (Mastoid placement)       SF:     Passive sound field speaker, using the built-in amplifier in AURICAL Aud, or Sound field speaker with built-in amplifier or external amplifier, with both types using the line output from AURICAL Aud       Transducer options depend on how AURICAL Aud is ordered and calibrated     2 x 2 mono jacks, 6.3 mm (1/4 ")       BC:       1 x mono jack, 6.3 mm (1/4 ")       SF power output:     3 x 2 terminals, 3 x 40 W peak, 80 load       SF line output:       3 x 2 terminals, 3 x 40 W peak, 80 load       SF line output:       SF line output:     0 x 16 Vms       1 x mono jack, 6.3 mm (1/4 ")       SF line output:     0 x 16 Vms       1 x mono jack, 6.3 mm (1/4 ")       SF line output:       1 x mono jack, 6.3 mm (1/4 ")       SF line output:       1 x non jack, 6.3 mm (1/4 ")
Normal:  Continuous ON:     The signal is presented when the Stimulate button is pressed  Pulse:     The signal is interrupted when the Stimulate button is pressed  Pulse duration:     200 ms on and 200 ms off (configurable)  Selectable transducers  AC:     BT1 Mastoid placement)  SF:     BT2 Mastoid placement)  SF:     BT3 Mastoid placement)  SF:     BT3 Mastoid placement)  SF:     Sund field speaker, using the built-in amplifier in AURICAL Aud, or Sound field speaker, using the built-in amplifier, with both types using the line output from AURICAL Aud is ordered and calibrated  Outputs  AC:     X x Z mono jacks, 6.3 mm (1/4 ")  BC:     1 x mono jack, 6.3 mm (1/4 ")  SF power output:     3 x 2 terminals, 3 x 40 W peak, 80 load  SF line output:     2 x 1.6 Vms  Input  CD/Analog line in:     2 x 1.6 Vms  Input resistance: 2.21 kn  3.5 mm (1/8") jack  USB 2.0 hub:     3 powered High Speed USB type A ports  QUE your supply:     Operator monitor headset - headphones:     40 mW 16a  3.5 mm (1/8") siereo jack  Operator microphone (desk-top or boom):     Electret microphone     Input voltage: 0.002 to 0.02 Vms, Input veltage: 0.002 to 0.02 Vms, Input veistance: 2.21 kn  3.5 mm (1/8") stereo jack  Querator microphone (desk-top or boom):     Electret microphone     Input voltage: 0.002 to 0.02 Vms, Input veistance: 2.21 kn  3.5 mm (1/8") stereo jack  Querator microphone (desk-top or boom):     Electret microphone     Input voltage: 0.002 to 0.02 Vms, Input veistance: 2.21 kn  3.5 mm (1/8") stereo jack  Querator microphone (desk-top or boom):     Electret microphone     Input voltage: 0.002 to 0.02 Vms, Input veistance: 2.21 kn  3.5 mm (1/8") stereo jack  Querator microphone (desk-top or boom):     Electret microphone     Input voltage: 0.002 to 0.02 Vms, Input veistance: 2.21 kn  3.5 mm (1/8") stereo jack  Querator microphone (desk-top or boom):
Continuous ON: The signal is interrupted when the Stimulate button is pressed Pulse: The signal is pulsed Pulse duration: 200 ms on and 200 ms off (configurable)  Selectable transducers  AC: TDH 39, ME-70, HOLMCO, HDA 200 headphones, and Insert Earphones BC: B71 (Mastoid placement)  SF: Passive sound field speaker, using the built-in amplifier in AURICAL Aud, or Sound field speaker with built-in amplifier or external amplifier, with both types using the line output from AURICAL Aud amplifier, with both types using the line output from AURICAL Aud amplifier, with both types using the line output from AURICAL Aud amplifier, with both types using the line output from AURICAL Aud amplifier, with both types using the line output from AURICAL Aud amplifier, with both types using the line output from AURICAL Aud amplifier, with both types using the line output from AURICAL Aud amplifier, with both types using the line output from AURICAL Aud amplifier, with both types using the line output from AURICAL Aud amplifier, with both types using the line output from AURICAL Aud amplifier or external amplifier, with both types using the line output from AURICAL Aud amplifier or external amplifier, with both types using the line output from AURICAL Aud amplifier or external amplifier, with both types using the line output from AURICAL Aud amplifier or external amplifier, with both types using the line output from AURICAL Aud amplifier or external amplifier, with both types using the line output from AURICAL Aud amplifier or external amplifier, with both types using the line output from AURICAL Aud amplifier, with both types using the line output from AURICAL Aud amplifier or external amplifier, with both types using the line output from AURICAL Aud amplifier or external amplifier, with both types using the line output from AURICAL Aud amplifier or external amplifier, with both types using the line output from AURICAL Aud amplifier or external amplifier, with both types using the line output from AURICAL Aud amplifier or extern
Pulse: The signal is pulsed Pulse duration: 200 ms on and 200 ms off (configurable) Selectable transducers  AC: TDH 39, ME-70, HOLMCO, HDA 200 headphones, and Insert Earphones BC: B71 (Mastoid placement) SF: Passive sound field speaker, using the built-in amplifier in AURICAL Aud, or Sound field speaker with built-in amplifier or external amplifier, with both types using the line output from AURICAL Aud  Transducer options depend on how AURICAL Aud is ordered and calibrated  Outputs  AC: 2 x 2 mono jacks, 6.3 mm (1/4 ")  BC: 1 x mono jacks, 6.3 mm (1/4 ")  BC: 3 x 2 terminals, 3 x x 40 W peak, 80 load  SF line output: 2 x 1.6 Vrms  Inputs  CD/Analog line in: 2 x 1.6 Vrms  Input voltage: 0.002 to 0.02 Vrms, 10 kū 1 stereo 3.5 mm (1/8") jack  Electret microphone Input voltage: 0.002 to 0.02 Vrms Input resistance: 2.21 kū  3.5 mm (1/8") jack  USB 2.0 hub: 3 powered High Speed USB type A ports  24V DC power supply: DC power, 2.5 mm  Operator monitor headset - headphones: 40 mW 160 3.5 mm (1/8") stereo jack  Operator microphone (desk-top or boom): Electret microphone Input voltage: 0.002 to 0.02 Vrms, Input resistance: 2.21 kū 3.5 mm (1/8") stereo jack  Operator microphone (desk-top or boom): Electret microphone Input voltage: 0.002 to 0.02 Vrms, Input resistance: 2.21 kū 3.5 mm (1/8") stereo jack  Operator microphone (desk-top or boom): Electret microphone Input voltage: 0.002 to 0.02 Vrms, Input resistance: 2.21 kū 3.5 mm (1/8") stereo jack
Pulse duration:         200 ms on and 200 ms off (configurable)           Selectable transducers           AC:         B71 (Mastoid placement)           SF:         B71 (Mastoid placement)           SF:         Passive sound field speaker, using the built-in amplifier in AURICAL Aud, or Sound field speaker, using the built-in amplifier in AURICAL Aud, or Sound field speaker with built-in amplifier or external amplifier, with both types using the line output from AURICAL Aud           Transducer options depend on how AURICAL Aud is ordered and calibrated         Outputs           Outputs         2 x 2 mono jacks, 6.3 mm (1/4 ")           8C:         1 x mono jacks, 6.3 mm (1/4 ")           SF inc output:         3 x 2 terminals, 3 x 40 W peak, 80 load           SF line output:         2 x 1.6 Vrms           Input         Input microphone:           CD/Analog line in:         0.2 to 2.0 Vrms, 10 kΩ 1 stereo 3.5 mm (1/8") jack           Talk Back microphone:         Electret microphone           Input voltage: 0.002 to 0.02 Vrms         Input resistance: 2.21 kΩ           3.5 mm (1/8") jack         3.5 mm (1/8") jack           USB 2.0 hub:         3 powered High Speed USB type A ports           24V DC power supply:         DC power, 2.5 mm           Operator monitor headset - headphones:         40 mW 160           3.5 mm (1/8") stereo jack         Input veista
Selectable transducers  AC: TDH 39, ME-70, HOLMCO, HDA 200 headphones, and Insert Earphones BC: B71 (Mastoid placement)  SF: Passive sound field speaker, using the built-in amplifier in AURICAL Aud, or Sound field speaker with built-in amplifier or external amplifier, with both types using the line output from AURICAL Aud  Transducer options depend on how AURICAL Aud is ordered and calibrated  Outputs  AC: 2 x 2 mono jacks, 6.3 mm (1/4 ")  SF: power output: 3 x 2 terminals, 3 x 40 W peak, 80 load  SF line output: 2 x 1.6 Vrms  Input  Input  CD/Analog line in: 1.2 Electret microphone  Input voltage: 0.002 to 0.02 Vrms  Input seistance: 2.21 kn 3.5 mm (1/8") jack  USB 2.0 hub: 3 powered High Speed USB type A ports  24V DC power supply: DC power, 2.5 mm  Operator monitor headset - headphones: 40 mW 160 3.5 mm (1/8") stereo jack  Operator monitor headset - headphones: 9 leptut voltage: 0.002 to 0.02 Vrms, 1 linput resistance: 2.21 kn 3.5 mm (1/8") stereo jack  Operator monitor headset - headphones: 9 leptur voltage: 0.002 to 0.02 Vrms, 1 linput resistance: 2.21 kn 3.5 mm (1/8") stereo jack  Operator monitor headset - headphones: 9 leptur voltage: 0.002 to 0.02 Vrms, 1 linput resistance: 2.21 kn 3.5 mm (1/8") stereo jack  Operator microphone (desk-top or boom): 9 lelectret microphone 9 linput voltage: 0.002 to 0.02 Vrms, 1 linput resistance: 2.21 kn
AC: TDH 39, ME-70, HDLMCO, HDA 200 headphones, and Insert Earphones BC: Passive sound field speaker, using the built-in amplifier in AURICAL Aud, or Sound field speaker with built-in amplifier or external amplifier, with both types using the line output from AURICAL Aud  Transducer options depend on how AURICAL Aud is ordered and calibrated  Outputs  AC: 2 x 2 mono jacks, 6.3 mm (1/4 ")  BC: 1 x mono jacks, 6.3 mm (1/4 ")  BC: 1 x mono jacks, 6.3 mm (1/4 ")  SF power output: 3 x 2 terminals, 3 x 40 W peak, 80 load  SF line output: 1 x mono jacks, 6.3 mm (1/4 ")  SF power output: 2 x 1.6 v/ms  Inputs  CD/Analog line in: 0.2 to 2.0 Vrms, 10 kū 1 stereo 3.5 mm (1/8") jack  Electret microphone Input voltage: 0.002 to 0.02 Vrms Input resistance: 2.21 kū  3.5 mm (1/8") jack  USB 2.0 hub: 3 powered High Speed USB type A ports  24V DC power supply: 0 C power, 2.5 mm  Operator accessories  Operator monitor headset - headphones: 40 mW 160  Qperator monitor headset - headphones: 40 mW 160  Qperator microphone (desk-top or boom): Electret microphone Input voltage: 0.002 to 0.02 Vrms, 10 kū 1 stereo 3.5 mm (1/8") jack  Qperator monitor headset - headphones: 40 mW 160  Qperator microphone (desk-top or boom): Electret microphone Input voltage: 0.002 to 0.02 Vrms, 10 kū 1 stereo 3.5 mm (1/8") jack  Qperator microphone (desk-top or boom): Electret microphone Input voltage: 0.002 to 0.02 Vrms, 10 kū 1 stereo 3.5 mm (1/8") jack  Qperator microphone (desk-top or boom): Input voltage: 0.002 to 0.02 Vrms, 10 kū 1 stereo 3.5 mm (1/8") stereo jack  Qperator microphone (desk-top or boom): Input voltage: 0.002 to 0.02 Vrms, 10 kū 1 stereo 3.5 mm (1/8") jack
BC: B71 (Mastoid placement)  FF: Passive sound field speaker, using the built-in amplifier in AURICAL Aud, or Sound field speaker with built-in amplifier or external amplifier, with both types using the line output from AURICAL Aud  Transducer options depend on how AURICAL Aud is ordered and calibrated  Outputs  AC: 2 x 2 mono jacks, 6.3 mm (1/4 ")  FF power output: 1 x mono jack, 6.3 mm (1/4 ")  FF power output: 2 x 1.6 v/ms  Fine output: 2 x 1.6 v/ms  Inputs  CD/Analog line in: 0.2 to 2.0 v/ms, 10 kū 1 stereo 3.5 mm (1/8") jack  Talk Back microphone: 1 lectret microphone 1 lnput voltage: 0.002 to 0.02 v/ms  Input voltage: 0.002 to 0.02 v/ms  USB 2.0 hub: 3.5 mm (1/8") jack  24V DC power supply: 3 powered High Speed USB type A ports  24V DC power supply: 40 mW 160  Operator accessories  Operator monitor headset - headphones: 40 mW 160  3.5 mm (1/8") stereo jack  Operator microphone (desk-top or boom): 1 lectre microphone 1 lnput voltage: 0.002 to 0.02 v/ms, 1 lnput resistance: 2.21 kū lnput voltage: 0.002 to 0.02 v/ms  Input voltage: 0.002 to 0.02 v/ms, 1 lnput resistance: 2.21 kū lnput voltage: 0.002 to 0.02 v/ms, 1 lnput resistance: 2.21 kū lnput voltage: 0.002 to 0.02 v/ms, 1 lnput voltage: 0.002 to 0.02 v/ms, 1 lnput voltage: 0.002 to 0.02 v/ms, 1 lnput resistance: 2.21 kū lnput voltage: 0.002 to 0.02 v/ms, 1 lnput voltage
SF: Passive sound field speaker, using the built-in amplifier in AURICAL Aud, or Sound field speaker with built-in amplifier or external amplifier, with both types using the line output from AURICAL Aud  Transducer options depend on how AURICAL Aud is ordered and calibrated  Outputs  AC: 2 x 2 mono jacks, 6.3 mm (1/4 ")  BC: 1 x mono jack, 6.3 mm (1/4 ")  BC: 1 x mono jack, 6.3 mm (1/4 ")  BC: 2 x 1 mono jack, 8.0 mm (1/4 ")  BC: 3 x 2 terminals, 3 x 40 W peak, 80 load  SF power output: 2 x 1.5 wrms  Inputs  CD/Analog line in: 0.2 to 2.0 Vrms, 10 kg 1 stereo 3.5 mm (1/8") jack  Electret microphone  Input voltage: 0.002 to 0.02 Vrms  Input resistance: 2.21 kg  3.5 mm (1/8") jack  24V DC power supply: 0 power, 2.5 mm  Operator accessories  Operator accessories  Operator accessories  Operator microphone (desk-top or boom): electret microphone  Input voltage: 0.002 to 0.02 Vrms  Input resistance: 2.21 kg  3.5 mm (1/8") stereo jack  Input voltage: 0.002 to 0.02 Vrms, 10 kg 1 stereo 3.5 mm (1/8") stereo jack  Input voltage: 0.002 to 0.02 Vrms, 10 kg 1 stereo 3.5 mm (1/8") stereo jack  Input voltage: 0.002 to 0.02 Vrms, 10 kg 1 stereo 3.5 mm (1/8") stereo jack  Input voltage: 0.002 to 0.02 Vrms, 10 kg 1 stereo 3.5 mm (1/8") stereo jack  Input voltage: 0.002 to 0.02 Vrms, 10 kg 1 stereo 3.5 mm (1/8") stereo jack  Input voltage: 0.002 to 0.02 Vrms, 10 kg 1 stereo 3.5 mm (1/8") stereo jack  Input voltage: 0.002 to 0.02 Vrms, 10 kg 1 stereo 3.5 mm (1/8") jack
Sound field speaker with built-in amplifier or external amplifier, with both types using the line output from AURICAL Aud  Transducer options depend on how AURICAL Aud is ordered and calibrated  Outputs  AC: 2 x 2 mono jacks, 6.3 mm (1/4 ")  BC: 1 x mono jack, 6.3 mm (1/4 ")  SF power output: 3 x 2 terminals, 3 x 40 W peak, 80 load  SF line output: 2 x 1.6 Vrms  Inputs  CD/Analog line in: 0.2 to 2.0 Vrms, 10 kū 1 stereo 3.5 mm (1/8") jack  Electret microphone  Input voltage: 0.002 to 0.02 Vrms  Input resistance: 2.21 kū  3.5 mm (1/8") jack  USB 2.0 hub: 3 powered High Speed USB type A ports  24V DC power supply: DC power, 2.5 mm  Operator accessories  Operator monitor headset - headphones: 40 mW 160  3.5 mm (1/8") stereo jack  Electret microphone  Input voltage: 0.002 to 0.02 Vrms,  Input seistance: 2.21 kū  3.5 mm (1/8") stereo jack  Input resistance: 2.21 kū  3.5 mm (1/8") stereo jack  Input voltage: 0.002 to 0.02 Vrms,  Input resistance: 2.21 kū  3.5 mm (1/8") jack
Transducer options depend on how AURICAL Aud is ordered and calibrated  Outputs  AC: 2 x 2 mono jacks, 6.3 mm (1/4 ")  BC: 1 x mono jack, 6.3 mm (1/4 ")  SF power output: 3 x 2 terminals, 3 x 40 W peak, 80 load  SF line output: 2 x 1.6 Vrms  Inputs  CD/Analog line in: 0.2 to 2.0 Vrms, 10 k0 1 stereo 3.5 mm (1/8") jack  Electret microphone: linput voitage: 0.002 to 0.02 Vrms  Input resistance: 2.21 k0  3.5 mm (1/8") jack  USB 2.0 hub: 3 powered High Speed USB type A ports  24V DC power supply: DC power, 2.5 mm  Operator accessories  Operator monitor headset - headphones: 40 mW 160  Operator microphone (desk-top or boom): Electret microphone linput voitage: 0.002 Vrms, 10 k0 1 stereo 3.5 mm (1/8") stereo jack  Input voitage: 0.002 to 0.02 Vrms  Operator incrophone (desk-top or boom): Electret microphone linput voitage: 0.002 Vrms, 10 k0 1 stereo 3.5 mm (1/8") stereo jack  Input voitage: 0.002 to 0.02 Vrms, 10 k0 1 stereo 3.5 mm (1/8") stereo jack  Operator microphone (desk-top or boom): Electret microphone linput voitage: 0.002 to 0.02 Vrms, 10 k0 1 stereo jack  Input voitage: 0.002 to 0.02 Vrms, 10 k0 1 stereo jack  Input voitage: 0.002 to 0.02 Vrms, 10 k0 1 stereo jack  Input voitage: 0.002 to 0.02 Vrms, 10 k0 1 stereo jack  Input voitage: 0.002 to 0.02 Vrms, 10 k0 1 stereo jack  Input voitage: 0.002 to 0.02 Vrms, 10 k0 1 stereo jack  Input voitage: 0.002 to 0.02 Vrms, 10 k0 1 stereo jack  Input voitage: 0.002 to 0.02 Vrms, 10 k0 1 stereo jack  Input voitage: 0.002 to 0.02 Vrms, 10 k0 1 stereo jack  Input voitage: 0.002 to 0.02 Vrms, 10 k0 1 stereo jack  Input voitage: 0.002 to 0.02 Vrms, 10 k0 1 stereo jack  Input voitage: 0.002 to 0.02 Vrms, 10 k0 1 stereo jack  Input voitage: 0.002 to 0.02 Vrms, 10 k0 1 stereo jack  Input voitage: 0.002 to 0.02 Vrms, 10 k0 1 stereo jack  Input voitage: 0.002 to 0.02 Vrms, 10 k0 1 stereo jack  Input voitage: 0.002 to 0.02 Vrms, 10 k0 1 stereo jack  Input voitage: 0.002 to 0.02 Vrms, 10 k0 1 stereo jack  Input voitage: 0.002 to 0.02 Vrms, 10 k0 1 stereo jack  Input voitage: 0.
Outputs         AC:       2 x 2 mono jacks, 6.3 mm (1/4 ")         BC:       1 x mono jack, 6.3 mm (1/4 ")         SF power output:       3 x 2 terminals, 3 x 40 W peak, 80 load         SF line output:       2 x 1.6 Vrms         Inputs         CD/Analog line in:         CD/Analog line in:         CD/Analog line in:         CD/Analog line in:         13k Back microphone:         Electret microphone         Input voltage: 0.002 to 0.02 Vrms         Input voltage: 0.002 to 0.02 Vrms         Input resistance: 2.21 kΩ         3.5 mm (1/8") stereo jack         Operator monitor headset - headphones:       40 mW 16Ω         3.5 mm (1/8") stereo jack         Operator microphone (desk-top or boom):       Electret microphone         Input voltage: 0.002 to 0.02 Vrms,         Input voltage: 0.002 to 0.02 Vrms, <t< td=""></t<>
AC: 2 x 2 mono jacks, 6.3 mm (1/4 ") BC: 1 x mono jacks, 6.3 mm (1/4 ") SF power output: 3 x 2 terminals, 3 x 40 W peak, 80 load SF line output: 2 x 1.6 Vrms  Inputs  CD/Analog line in: 0.2 to 2.0 Vrms, 10 k0 1 stereo 3.5 mm (1/8") jack Talk Back microphone: leterter microphone lnput voltage: 0.002 to 0.02 Vrms Input resistance: 2.21 k0 3.5 mm (1/8") jack USB 2.0 hub: 3 powered High Speed USB type A ports 24V DC power supply: DC power, 2.5 mm  Operator accessories Operator monitor headset - headphones: 40 mW 160 3.5 mm (1/8") stereo jack Operator microphone (desk-top or boom): letectret microphone lnput voltage: 0.002 to 0.02 Vrms, lnput resistance: 2.21 k0 3.5 mm (1/8") stereo jack Operator sicrophone (desk-top or boom): letectret microphone lnput voltage: 0.002 to 0.02 Vrms, lnput resistance: 2.21 k0 3.5 mm (1/8") jack
BC: 1 x mono jack, 6.3 mm (1/4 ")  SF power output: 3 x 2 terminals, 3 x 40 W peak, 8Ω load  SF line output: 2 x 1.6 Vrms  Inputs  CD/Analog line in: 0.2 to 2.0 Vrms, 10 kΩ 1 stereo 3.5 mm (1/8") jack  Talk Back microphone: Electret microphone
SF power output: 3 x 2 terminals, 3 x 40 W peak, 80 load  SF line output: 2 x 1.6 Vrms  Inputs  CD/Analog line in: 0.2 to 2.0 Vrms, 10 k\tilde{\tiide{\tilde{\tiide{\tilde{\tiide{\tilde{\tiide{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde
SF line output:  Inputs  CD/Analog line in:  Electret microphone  Input voltage: 0.002 to 0.02 Vrms  Input resistance: 2.21 kn  3.5 mm (1/8") jack  USB 2.0 hub:  3 powered High Speed USB type A ports  24V DC power supply:  DC power, 2.5 mm  Operator accessories  Operator monitor headset - headphones:  40 mW 160  3.5 mm (1/8") stereo jack  Operator microphone (desk-top or boom):  Electret microphone  Input voltage: 0.002 to 0.02 Vrms,  Input resistance: 2.21 kn  3.5 mm (1/8") jack
Inputs  CD/Analog line in:  CD/Analog line in:
CD/Analog line in:  O.2 to 2.0 Vrms, 10 k\tilde{\tiilde{\tiide{\tiilde{\tiide{\tiide{\tiide{\tiide{\
Talk Back microphone:  Electret microphone  Input voltage: 0.002 to 0.02 Vrms  Input resistance: 2.21 k\Omega 3.5 mm (1/8") jack  USB 2.0 hub: 3 powered High Speed USB type A ports  24V DC power supply:  Operator accessories  Operator monitor headset - headphones: 40 mW 16\Omega 3.5 mm (1/8") stereo jack  Operator microphone (desk-top or boom): Electret microphone Input voltage: 0.002 to 0.02 Vrms, Input resistance: 2.21 k\Omega 3.5 mm (1/8") jack
Input voltage: 0.002 to 0.02 Vrms Input resistance: 2.21 k\Omega 3.5 mm (1/8") jack 3.5 mm (1/8") jack USB 2.0 hub: 3 powered High Speed USB type A ports  24V DC power supply: DC power, 2.5 mm  Operator accessories Operator monitor headset - headphones: 40 mW 16\Omega 3.5 mm (1/8") stereo jack Operator microphone (desk-top or boom): Electret microphone Input voltage: 0.002 to 0.02 Vrms, Input resistance: 2.21 k\Omega 3.5 mm (1/8") jack
Input resistance: 2.21 kΩ 3.5 mm (1/8") jack USB 2.0 hub: 3 powered High Speed USB type A ports 24V DC power supply: DC power, 2.5 mm Operator accessories Operator monitor headset - headphones: 40 mW 16Ω 3.5 mm (1/8") stereo jack Operator microphone (desk-top or boom): Electret microphone Input voltage: 0.002 to 0.02 Vrms, Input resistance: 2.21 kΩ 3.5 mm (1/8") jack
3.5 mm (1/8") jack  USB 2.0 hub: 3 powered High Speed USB type A ports  24V DC power supply: DC power, 2.5 mm  Operator accessories  Operator monitor headset - headphones: 40 mW 16\Omega 3.5 mm (1/8") stereo jack  Operator microphone (desk-top or boom): Electret microphone Input voltage: 0.002 to 0.02 Vrms, Input resistance: 2.21 k\Omega 3.5 mm (1/8") jack
USB 2.0 hub:  24V DC power supply:  DC power, 2.5 mm  Operator accessories  Operator monitor headset - headphones:  40 mW 16\Omega 3.5 mm (1/8") stereo jack  Operator microphone (desk-top or boom):  Electret microphone Input voltage: 0.002 to 0.02 Vrms, Input resistance: 2.21 k\Omega 3.5 mm (1/8") jack
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Operator accessories       Operator monitor headset - headphones:     40 mW 16Ω       3.5 mm (1/8") stereo jack       Operator microphone (desk-top or boom):     Electret microphone       Input voltage: 0.002 to 0.02 Vrms,     Input resistance: 2.21 kΩ       3.5 mm (1/8") jack
Operator monitor headset - headphones:  40 mW 160  3.5 mm (1/8") stereo jack  Operator microphone (desk-top or boom):  Electret microphone Input voltage: 0.002 to 0.02 Vrms, Input resistance: 2.21 k0  3.5 mm (1/8") jack
3.5 mm (1/8") stereo jack  Operator microphone (desk-top or boom):  Electret microphone  Input voltage: 0.002 to 0.02 Vrms,  Input resistance: 2.21 kΩ  3.5 mm (1/8") jack
Operator microphone (desk-top or boom):       Electret microphone         Input voltage: 0.002 to 0.02 Vrms,       Input resistance: 2.21 kΩ         3.5 mm (1/8") jack
Input voltage: 0.002 to 0.02 Vrms, Input resistance: 2.21 kΩ 3.5 mm (1/8") jack
Input resistance: 2.21 kΩ 3.5 mm (1/8") jack
3.5 mm (1/8") jack
OSE PORT CONNECTOR
Time:
Type: USB 2.0 type B port
Speed: High speed Transport and storage
Transport and storage  Temperature: -30°C to +60°C (-22°F to 140°F)
Air humidity: 10% to 00% pag condensing
Air humidity: 10% to 90%, non-condensing Air pressure: 500 hPa to 1060 hPa

On anti-		
Operating environment	Continuous	
Mode of operation:	Continuous	
Temperature:	+15°C to +35°C (59°F to 95°F)	
Air humidity:	30% to 90%, non-condensing 980 hPa to 1040 hPa	
Air pressure:	980 fira to 1040 fira	
(Operation in temperatures exceeding -20°C (-4°F) or +60°C (140°F) may cause permanent damage)		
Warm-up time:	< 5 min. Note: Should be extended if AURICAL Aud has been stored in a cold environment	
Disposal		
AURICAL Aud can be disposed of as normal electronic waste, according to WEEE and local regulations		
Dimensions		
AURICAL Aud:	Approx. 275 x 205 x 60 mm (10.8 x 8.0 x 2.4 inches)	
Weight		
AURICAL Aud with HI-PRO:	Approx. 0.85 kg - (1.875 lb)	
AURICAL Aud without HI-PRO:	Approx. 0.65 kg - (1.433 lb)	
Power supply		
MeanWell MES50A-6P1J, 50W:	Output: 24 V, 2.08 A - Input: 90-264 V, 47-63 Hz	
Power consumption:	< 60 VA	
Standards		
Audiometer:	IEC 60645-1, Type 2, 2010; IEC 60645-2, Type A, 1993; ANSI 3.6	
Patient Safety:	Complies with IEC 60601-1, Class 1, Type B; U2601-1; CAN/CSA-C22.2 NO 601.1-90	
EMC:	IEC 60601-1-2	
Built-in HI-PRO (optional)		
Hearing instrument connection:	2 x 6 pole mini-DIN sockets	
Safety:	EN 60601-1, Class 1, Type BF and UL 544	
EMC:	EN 60601-1-2; EN 300 328-2; EN 301 489-17	
Accessories:	Test software. See the AURICAL Aud Service Manual	
AURICAL Speaker		
Connections:		
USB port output, type A:	Primarily for USB Bluetooth dongle	
USB port input, type B:	USB connection from AURICAL Aud or PC	
24V DC in:	DC power, 2.5 mm	
24V DC throughput:	DC power, 2.5 mm	
Speaker output:	RCA phone optimized for 8Ω speaker	
Dimensions	,	
Size:	Approx. 375 x 285 x 145 mm (14.8 x 11.2 x 5.7 inches)	
Weight:	Approx. 1.5 kg (3.3 lb)	
Transport and storage		
Temperature:	-30°C to +60°C (-22°F to 140°F)	
Air humidity:	10% to 90%, non-condensing	
Air pressure:	500 hPa to 1060 hPa	
Operating environment		
Mode of operation:	Continuous	
Temperature:	+15°C to +35°C (59°F to 95°F)	
Air humidity:	30% to 90%, non-condensing	
Air pressure:	980 hPa to 1040 hPa	
(Operation in temperatures exceeding -20°C (-4°F) or +60°C (140°F) may cause perm		
Standards		
Real Ear Measurements:	EN 61669, ISO 12124	
Client Safety:	EN 60601-1, UL 2601-1, CAN/CSA –C22.2, NO 601.1-90	
Type BF, IPX0:	AURICAL FreeFit: EN 60601-1, Internal Powered,	
EMC:	EN 60601-1-2, EN 300 328-2, EN 301 489-17	
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AURICAL Aud The future of fitting AURICAL

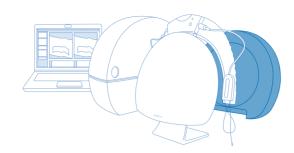






# The Audiometer

## 655g of concentrated knowledge



Connectivity: The vast connectivity possibilities make it the natural central point of the

fitting solution.



10 10 **1** 0 0 0 0

### **Under desk Aud mounting:**

Mounting the audiometer with the built-in HI-PRO under the desk helps tidy up cabling and provides convenient access to the HI-PRO plugs.

The new AURICAL Aud is the world's only true fitting audiometer. It integrates an audiometer, counseling tools, power amplifier, USB hub and optional HI-PRO in a modern, ultra-compact design. It's a complete, portable diagnostic audiometer that offers outstanding flexibility. It is designed to fit into all kinds of environments, inside your clinic or out.

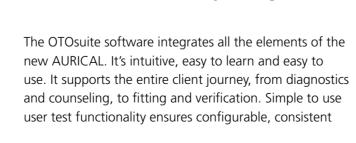
The new audiometer is easy to use too: The exceptionally intuitive interface has a new on-screen control panel and easy-to-access user test functions. It not only ensures fast operation but also consistently accurate results. Also, if you're familiar with the be particularly smooth.

AURICAL Plus, your transition to the new solution will

See the videos about the complete fitting solution at www.otometrics.com

#### THE FACTS

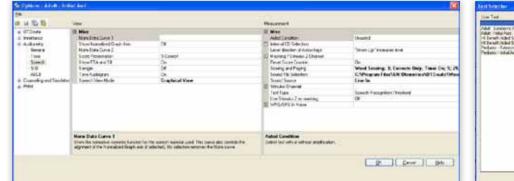
- AC, BC and SF audiometry (built-in power amplifier)
- Tone audiometry testing up to 12.5 kHz
- Integrated speech material
- Intuitive on-screen control panel
- Masking assistant
- Extensive user test functionality
- One-click data logging
- Built-in USB hub
- Optional built-in HI-PRO
- Selection of report templates

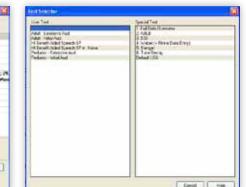


and smooth workflows that can be customized to suit individual needs. And you work in a single software environment across modules. The result is a better fitting experience – for you and for your client.

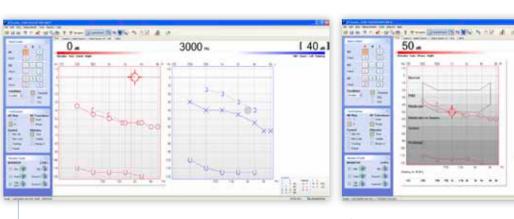


Fully integrated with OTOsuite





AURICAL Aud and OTOsuite lets you administer your preferences easily. Make the settings once and save as User Tests for later. Share your User Tests with your colleagues and make OTOsuite ensure a smooth and efficient way



Various view options allow you to choose what is best for you and your patient. Go from simple to advanced in 2 mouse clicks.



Easy overview of the speech audiometry including the integrated wordlists.

The new on-screen control panel is intuitive and fast.