



Hoyt Audio Impedance Testers and Sound Level Meters

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Audio Impedance Testers



1106 IM Audio Impedance Tester



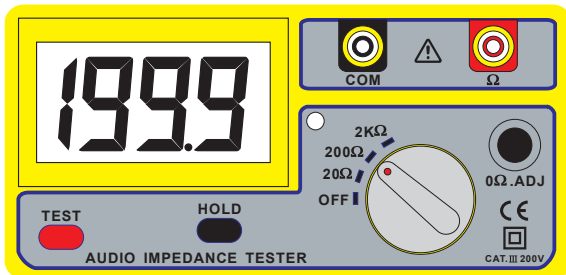
Features

- Large LCD : 68 × 34mm (2.677" × 1.338").
- True measurement of speaker systems actual impedance at 1kHz.
- Three test ranges allow testing of home theater and commercial sound systems.
- Measures transformer impedances.
- Battery operation.
- Low battery indication.
- Data hold function.
- 0Ω adjustment.

Specifications

Measuring ranges	0-20Ω / 0-200Ω / 0-2kΩ
Test frequency	1kHz
Accuracy	20Ω: ± 2%rdg ± 2dgt or ± 0.1Ω, which is greater 200Ω/2kΩ : ± 2%rdg ± 2dgt
Low battery indication	 Symbol appears on the display
Data hold indication	 Symbol appears on the display


CE



General

Dimensions	175(L) × 85(W) × 75(D)mm
Weight (battery included)	Approx. 600g
Power source	1.5V (AA) × 8
Safety standard	EN 61010-1 CAT III 200V EN 61326-1

Method of use

- It is recommended a drawing be first made of the speaker system to verify proper installation.
 - Take care to ensure that the system is not connected to the amplifier.
 - Ensure the system under test is not live.
 - Check battery, if  symbol appears on the display, replace with new batteries.
 - Short the tips of the leads, adjust the "0Ω.ADJ", control to set the reading of zero.
 - Connect test leads to speaker or speaker leads.
- Note : Speakers may be connected together either in series or parallel to achieve desired final impedance.
- Rotary the function switch to suitable range then press the push button to test and take the reading.

Accessories

Instruction manual
Test leads
Soft pouch
Batteries



AL-24-5



AL-21C2-4



CAC-1132



BET-1800

1107 IM Audio Impedance Tester



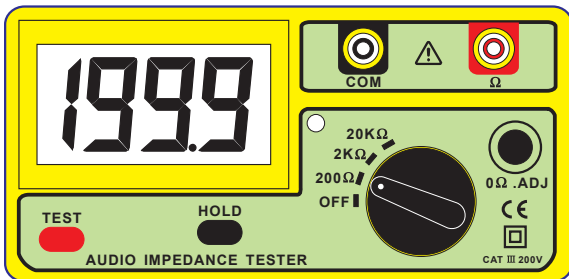
CE

Features

- Large LCD : 68 × 34mm (2.677" × 1.338").
- True measurement of speaker systems actual impedance at 1kHz.
- Three test ranges allow testing of home theater and commercial sound systems.
- Measures transformer impedances.
- Battery operation.
- Low battery indication.
- Data hold function.
- 0Ω adjustment.

Specifications

Measuring ranges	0-200Ω / 0-2kΩ / 0-20kΩ
Test frequency	1kHz
Accuracy	200Ω/2kΩ: ± 2%rdg ± 2dgt 20kΩ: ± 3%rdg ± 2dgt
Low battery indication	Symbol appears on the display
Data hold indication	Symbol appears on the display



General

Dimensions	175(L) × 85(W) × 75(D)mm
Weight (battery included)	Approx. 600g
Power source	1.5V (AA) × 8
Safety standard	EN 61010-1 CAT III 200V EN 61326-1

Method of use

- It is recommended a drawing be first made of the speaker system to verify proper installation.
 - Take care to ensure that the system is not connected to the amplifier.
 - Ensure the system under test is not live.
 - Check battery, if symbol appears on the display, replace with new batteries.
 - Short the tips of the leads, adjust the "0Ω.ADJ", control to set the reading of zero.
 - Connect test leads to speaker or speaker leads.
- Note : Speakers may be connected together either in series or parallel to achieve desired final impedance.
- Rotary the function switch to suitable range then press the push button to test and take the reading.

Accessories

Instruction manual
Test leads
Soft pouch
Batteries



AL-24-5



AL-21C2-4



CAC-1132



BET-1800

1506 IM Audio Impedance Tester

Features

- High quality Taut Band movement.
- Battery operated.
- Timer function for hands free use.
- Battery indicator.
- The tester measure with a frequency of 1kHz.
- Measure speaker's impedance.
- Measure speaker lines (connected to load).
- Help to calculate and check audio power systems.
- Ideal for public address installation and maintenance.
- Measure transformer impedances.

Specifications

Measuring system	Constant current inverter with 1kHz approx. 2mA
Measuring ranges	20Ω / 200Ω / 2kΩ
Accuracy	± 2.5% of full scale

General

Dimensions	163(L) × 100(W) × 50(D)mm
Weight (battery included)	Approx. 420g
Power source	1.5V (AA) × 6
Safety standard	EN 61010-1 CAT II 100V

Accessories

Instruction manual
Test leads
Carry case
Batteries

CE



AL-24-5





AL-21C2-4

2706 IM Audio Impedance Tester

Features

- True measurement of speaker systems actual impedance at 1kHz.
- Three test ranges (20Ω / 200Ω / 2000Ω) allow testing of home theater and commercial sound systems.
- Measures transformer impedances.
- Battery operated.
- Low battery indication.
- Data hold function.
- Timer function for continuous hands free operation.
- The timer can last about 3-5 minutes when users press.
- TEST ON/OFF button.

Specifications

Measuring ranges	0-20Ω / 0-200Ω / 0-2000Ω
Test frequency	1kHz
Accuracy	20Ω: ± 2%rdg ± 2dgt or ± 0.1Ω, which is greater 200Ω / 2000Ω: ± 2%rdg ± 2dgt
Low battery indication	 Symbol appears on the display
Data hold indication	 Symbol appears on the display
Display	LCD 3½ digit (2000 counts)

General

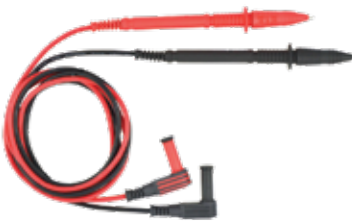
Dimensions	205(L) × 90(W) × 55(D)mm
Weight (battery included)	Approx. 530g
Power source	1.5V (AA) × 6
Safety standard	EN 61010-1 CAT III 300V EN 61326-1

Accessories

Instruction manual
Test leads
Carry case
Batteries



CE



AL-24-5



AL-21C2-4

2310 SL Sound Level Meter

Features

- Max. & Min. function.
- Over & under range indication.
- 4-digit LCD with bar graph.
- Frequency weighting characteristic for 2 times per second.
- AC signal output.
- Low battery indication.

Specifications

Measuring ranges	Lo: 30dB~80dB Med: 50dB~100dB Hi: 80dB~130dB
Accuracy	±1.5dB (at Reference range)
Reference sound level & frequency	94dB, 1kHz
Resolution	0.1dB
Detector-indicator characteristic	Fast: 125ms Slow: 1s
Analogue signal output	AC 1Vrms for each range

General

Dimensions	235(L) x 58(W) x 34(D)mm
Weight (battery included)	Approx. 220g
Power source	9V(6F22) × 1
Safety standard	IEC 651 Type 2 & ANSI S1.4 Type 2 EN 61326-1

Accessories

Instruction manual
Adjusting bar
Sponge cover
Carry case
Battery



3310 SL Sound Level Meter

Features

- Max. & Min. function
- Over & under range indication
- 4-digit LCD
- Frequency weighting characteristic for 2 times per second
- AC signal output
- Low battery indication
- Auto power off (10 minutes)
- Backlight function
- 200 measurement results can be saved in the memory and recalled on the display
- Indication of date, time

Specifications

Measuring ranges	Lo: 30dB~80dB Med: 50dB~100dB Hi: 80dB~130dB
Accuracy	±1.5dB (at Reference range)
Reference sound level & frequency	94dB, 1kHz
Resolution	0.1dB
Detector-indicator characteristic	Fast: 125ms Slow: 1s
Analogue signal output	AC 1Vrms for each range

General

Dimensions	250(L) x 78(W) x 45(D)mm
Weight (battery included)	Approx. 324g
Power source	1.5V (AAA) x 6 (Alkaline)
Safety standard	IEC 61672-1 ANSI S1.4 Type 2

Accessories

- Instruction manual
- Adjusting bar
- Sponge cover
- Carry case
- Battery

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