

Overview

BW-Mini is a compact amplifier output wattmeter for car audio testing. It measures amplifier output from the speaker terminals and displays watts, impedance, RMS voltage, RMS current, VA, power factor, and peak values.

Specifications

Voltage range	0-135V RMS
Current range	0-100A RMS
Frequency range	15-100Hz
Power measurement	0-10,000W, within voltage and current range
Display	1.3 inch OLED
Current sensing	Split-core current transformer
Controls	Single-button interface
Peak hold	Included

Package Includes

- 1 BassWatt Mini wattmeter
- 1 100A current transformer
- 1 6-pin 3.81mm connector

Wiring

Pin 1: REM+ remote signal from head unit or switch. Pin 2: battery negative / ground. Pins 3-4: amplifier speaker output voltage input. Pins 5-6: current transformer input. Place the current transformer around one speaker wire only. Do not pass both speaker wires through it, because this cancels the current reading. CT direction and voltage input polarity do not matter.

Pin 1	REM+ from head unit or switch
Pin 2	Battery negative / ground
Pin 3	Amplifier speaker output voltage input
Pin 4	Amplifier speaker output voltage input
Pin 5	Current transformer input
Pin 6	Current transformer input

Button Controls

Short press	Change display screen
Hold 1 second	Toggle peak mode
Hold 2 seconds	Clear peak values

Measured Values

- Watts
- Impedance
- RMS voltage
- RMS current
- VA
- Power factor
- Peak watts, voltage, current and VA
- Minimum impedance

Display Screens

Power / Impedance

POWER
Wattage

3240W

Impedance 1.4 OHM

Voltage / Current

VOLT / AMP
Voltage RMS

72.0V

Current 50.0 A

VA / PF

VA / PF
VA

3600VA

PF 0.90

Important Notes

- BW-Mini is intended for amplifier speaker-output measurement in car audio systems.
- Do not connect BW-Mini to mains power or vehicle power wiring for measurement.
- Power capability depends on staying inside the voltage and current ranges.