

10 Channels SPEAKER LOAD TEST TIMER

MODEL OT-1002

Summary

This is a timer device for speaker load test. Input signal ON / OFF can be set for each channel. In addition, voice coil disconnection detection, signal supply stop, and disconnection time can be recorded.

The timer time is set from the control PC. You can set up to 9999 hours 59 minutes 59 seconds.

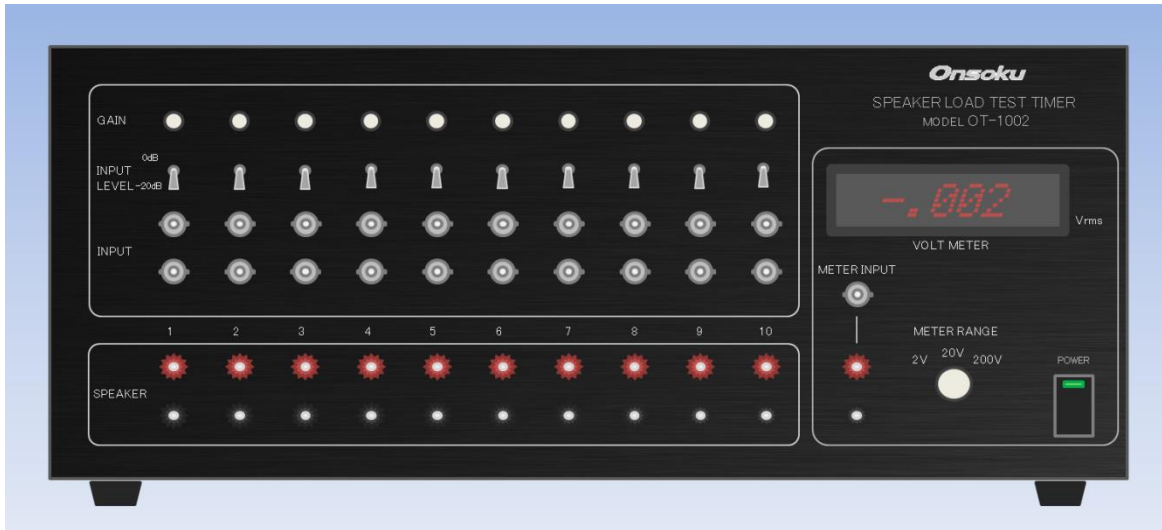
After the voice coil disconnection is detected, the input signal and timer are stopped after the preset interval timer has elapsed.

If disconnection detection returns within the interval timer time, the timer operation continues. Up to 5 units (50 channels) can be added in combination with optional products.

The signal source oscillator and power amplifier are prepared by the customer, but we can also propose a system that meets your needs.

It can also be mounted on a 19-inch rack.

Appearance figure



※The XLR connector (output to the female power amplifier) and the SpeakON connector (return from the power amplifier) terminals are attached on the back.

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|------------------------|-------------------------------------------------------------|
| 【Basic configuration】 | • Hardware Unit (OT-1002) |
| | • Laptop Computer (It is used to control the Hardware Unit) |
| 【Optional accessories】 | • Expansion unit OT-1002BOX |
| | • JIS rack mounting adapter (Please specify when ordering) |

Main specifications

【Analog part】	
Number of channels	10
Frequency range	1 0Hz~2 0kHz ±0.5dB
Input impedance	More than 100kΩ
Maximum input voltage	±10Vpeak
Input level	Volume which sets up the voltage applied to a loudspeaker Switch which changes an input level (two ranges of 0dB / -20dB)
Test speaker	2Ω to 16Ω
Current sensing resistor	0.1Ω
Break detecting voltage	More than 0.2Vrms
Output impedance	100Ω
Input connector	BNC receptacle
Output connector	XLR receptacle (Attached on the back.)
【Voltmeter part】	
Measuring voltage	199.9Vrms 19.99Vrms 1.999Vrms
Accuracy	±(2%+2digit) at full scale
Input impedance	40kΩ
Input connector	BNC (receptacle) and Binding post
【Timer part】	
Number of channels	10
Maximum displayed time	9999 hours 59 minutes 59 seconds
Brake interval timer setting time	0 to 999 seconds (1 second step)
Control function	“Start” “Stop” Pause” Break” “Reset” Input signal is stopped during stop, pause and reset operations. When a break is detected, the timer operation stops after the break interval timer ends.
【Temperature / Humidity range】	5°C to 35°C / 20%~90% (No condensation)
【Power source / Consumption】	90V to 264VAC 50/60Hz
【Dimensions / Mass】	430(W)X160(H)X330(D) Approx. 8kg
【Accessories】	BNC-BNC cable 10pcs. XLR-XLR cable 10pcs. SpeakON 2pole cable 10pcs. Power cable 1 pcs. USB cable 1 pcs.

Specifications are subject to change for improvement

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