

# MS2 Monitor Speaker

---

Hardware Reference



Updated 2025-02-27

© 2016-2025 Tucker-Davis Technologies, Inc. (TDT). All rights reserved.

Tucker-Davis Technologies  
11930 Research Circle  
Alachua, FL 32615 USA  
Phone: +1.386.462.9622  
Fax: +1.386.462.5365

**Notices**

The information contained in this document is provided "as is," and is subject to being changed, without notice. TDT shall not be liable for errors or damages in connection with the furnishing, use, or performance of this document or of any information contained herein.

The latest versions of TDT documents are always online at <https://www.tdt.com/docs/>

# Table of Contents

---

## **MS2 Monitor Speaker**

MS2 Overview	4
Power	4
MS2 Features	4
MS2 Technical Specifications	5

# MS2 Monitor Speaker

---



## MS2 Overview

---

The MS2 Monitor Speaker is used as an audio monitor for signals up to  $\pm 10$  V. The MS2 output level is controlled manually using a 1-turn potentiometer on the front panel interface. Maximum output is greater than 90 dB SPL at 10 cm. The frequency response ranges from 300 Hz to 20 kHz. A typical use of the MS2 is for audio monitoring of electrophysiological potentials.

## Power

The MS2 Monitor Speaker is powered via the System 3 zBus (**ZB1PS**). No PC interface is required.

## MS2 Features

---

Manual control is via a single LEVEL knob, which provides control over the signal output level. The MS2 has one input channel for signals up to  $\pm 10$  V, accessed through a front panel BNC connector

The MS2 is useful for monitoring the output signal that may be going to headphones in a soundproof room and for monitoring physiological signals that are being acquired, such as neurophysiology recordings.

## MS2 Technical Specifications

---

Input Signal Range	±10 V peak
Max Output	>90 dB SPL at 10 cm
Input Impedance	10 kOhms