

## WB-6000 SERIES WRIST STRAPS For Resistance Monitoring Systems

### I. Description

Static Technologies WB-6000 series wrist straps work with most resistance monitoring systems, including the STATIC TECH WT-2121. The coiled cord has dual conductors that terminate in a stereo plug for connection to the monitor. The band end of the cord has a 10mm snap that attaches to the wristband.

This single snap system is convenient and flexible. This is an engineering advancement over bulky designs requiring two snaps on the wristband. One of the cord's dual wires connects to the outer portion of the snap and the other connects to a spring-loaded inner connection. These mate with separate connections on the band.

The elastic fabric band has highly effective conductive fibers woven on the interior. A plastic section in the band provides a "break" that must be bridged by contact with the user's wrist for the monitor to provide a "pass" mode.

### II. Adjustment Mechanism

Adjust buckle at hinged section that has band material protruding through. The fabric end is encased in a plastic enclosure that makes it easy to tighten. If excess material needs to be trimmed, pry open enclosure, trim and reclose.

### III. Hypoallergenic

A removable plastic plate covers the inside of the buckle. This plate prevents skin contact with the two stainless steel sections that attach the band. Although the stainless steel is hypoallergenic, the plastic helps prevent reactions on individuals who are highly sensitive to contact with base metals. The plastic plate can be removed to provide greater contact with the user.

### IV. Band Specifications

Band Material: 3/4" wide elastic polyester fiber. Conductive acrylonitrile-copper sulfide fibers cover more than 80% of interior of fabric.

Buckle: Polycarbonate/hypoallergenic #304 stainless steel assembly. Fits wrists to 13" in circumference.

Snap Assembly: 10mm with separate contact points on outer and interior

Wristband Resistivity: <500 ohms across fabric

### V. Cord Specifications

Monitor Connection: monaural plug

Snap Assembly: 10mm with separate contact points to outer snap and spring-loaded interior

Resistor: two 1/4 watt, 1 megohm, carbon film resistors, one per conductor.

Wire: Dual conductors of stranded tinsel wire

Wire Insulation: Grey polyurethane

### VI. Part Numbers

P/N	Item
WB-6000	Wristband
WB-6050	Wrist strap with 6' dual conductor cord
WB-6060	Wrist strap with 12' dual conductor cord
WC-4001	6' Dual conductor cord
WC-4002	12' Dual conductor cord

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