

SMART BOXING SPEED BALL KIT

Connected Training for Every Round
SMART TRAINING • FITNESS • FAT BURNING • STRESS RELIEF

■ Product Overview

The WeiMai Smart Boxing Speed Ball Kit turns a conventional speed ball into a connected training system for boxing enthusiasts, fitness users, gyms, and boxing clubs. Mounted on the speed-ball pole, the sensor communicates with the HitRise mobile app via Bluetooth to track punch count, impact force, and training rhythm in real time, while estimating calories burned and equivalent fat burned. Choose the WM-BS1 clip-on mount or the WM-BS2 integrated hollow-cylinder mount to fit a wide range of mainstream speed balls. USB Type-C charging provides up to 30 days of standby time and approximately 8 hours of continuous training per full charge.



Up to 30 Days

Standby Time



Approx. 8 Hours

Continuous Training



USB TYPE-C 5V

Charging Input



Bluetooth Connectivity

Connects to the Mobile App

■ Product Models

Two mounting options accommodate different speed-ball designs and installation requirements.



WM-BS1

Clip-On Sensor

Velcro Strap Mount

Installation: Secures to the speed-ball pole with a Velcro strap

Dimensions: 46 (L) × 35 (W) × 19 (H) mm

Compatible pole diameter: 22-28 mm

Key benefit: Quick installation; lightweight and portable



WM-BS2

Integrated Cylinder Sensor

Through-Shaft Mount

Installation: Replaces the foam grip; pole passes through the sensor

Dimensions: Ø60 mm × H85-100 mm*

Inner diameter: Ø22-28 mm* (*OEM customization available)

Key benefit: Factory-integrated and secure

■ Key Features



Accurate Punch Counting

High-sensitivity sensors detect punch count and impact force with stable, reliable accuracy.



Real-Time Performance Metrics

Real-time punch count, BPM, calories, fat-burn estimate, impact force, and combo detection.



Long Battery Life

USB Type-C charging; up to 30 days standby and approx. 8 hours of continuous use per charge.



Two Mounting Options

Choose a clip-on or hollow-cylinder mount to fit a wide range of mainstream speed balls.



Rhythm-Based Training

Train in Free or Beat-Sync mode with Perfect / Good / Miss timing scores, rhythm sound effects, and background music.

■ HitRise App Features

HitRise for Android connects to the SENBALL# device via Bluetooth for a complete, data-driven workout experience.



Live Training Dashboard

Monitor round time, total punches, BPM, calories, fat burned, impact force, and combo detection as you train.



Flexible Training Settings

Customize workout time, rest intervals, number of rounds, Free / Beat-Sync mode, and tempo from 40 to 140 BPM.



Detailed Round Reports

Review workout time, cumulative punch count, calories, fat burned, and maximum and average impact force for every round.



Achievements & Leaderboards

Rank badges and multi-metric leaderboards for time, punch count, force, calories, and fat burned help keep users motivated.



Audio & Multi-Language Support

Rhythm sounds and music; interfaces in Chinese, English, French, and Thai.

■ Technical Specifications

No.	Specification	Details
1	Product Model	WM-BS1 (clip-on mount) / WM-BS2 (hollow-cylinder mount)
2	WM-BS1 Dimensions	46 (L) × 35 (W) × 19 (H) mm
	WM-BS2 Dimensions	60 mm outer diameter; 22-28 mm inner diameter (customizable); 85-100 mm height (customizable)
3	Compatible Pole Diameter	Speed-ball pole diameter: 22-28 mm
4	WM-BS1 Installation	Secures to the speed-ball pole with a Velcro strap
	WM-BS2 Installation	The pole passes through the cylinder, replacing the foam grip below the ball
5	Power & Charging	USB Type-C port, 5V charging
6	Battery Life	Up to 30 days standby; approximately 8 hours of continuous training per full charge
7	Wireless Connection	Bluetooth Low Energy (BLE) connection to the mobile app
8	Companion App	HitRise (Android): live training, round reports, achievements, leaderboards, and user profile
9	Sensing Method	High-sensitivity sensor detection of punch count and impact force

■ Application Scenarios



Home Fitness

Track daily performance during at-home boxing workouts



Boxing Clubs

Measure member activity and motivate participation with leaderboards



Events & Exhibitions

Create interactive challenges with live on-site rankings



Fitness Centers

Add engaging competitions to group classes and training sessions

■ Contact Us

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Specifications are based on the current production model and are subject to change without notice.