Photometric vs Radar Indoor Hitting Zone Calibration Checklist

> **Companion Reference Sheet for:** Indoor Launch Monitor Setup: Find the Right Ball Position
> Save this PDF to your phone or print a copy for field reference. Verify room measurements and manufacturer specs before buying or mounting equipment.

Key Takeaways

- **Separate two setup jobs:** Your stance determines where the ball sits relative to your feet; the monitor's capture zone determines where the ball must sit for the device to read it.
- **Use the device's alignment reference, not the mat's center.** Find its marked hitting area or follow its on-screen guide.
- **Change ball position by club.** Irons tend to sit near the middle of your stance, while a driver sits farther forward, toward the lead heel.
- **Check the device before adjusting your swing.** Confirm its handedness setting, alignment, ball detection, and club mode first.
- **Keep setup measurements consistent.** Our home golf simulator setup guide covers the room and equipment layout that supports repeatable practice.
- **Compare models by their placement needs.** Our guide to choosing a golf launch monitor can help you assess which type suits your space.

Ball Position and Capture Zone Are Different Things

Club or reference	Starting ball position	Setup cue
Short and middle irons	Near the middle of the stance, with longer irons slightly forward	Keep the ball position steady while the stance gradually widens for longer clubs.
Driver	Forward in the stance, near the lead heel	Set the tee and ball consistently, then check that both remain inside the capture zone.
Left-handed golfer	Use the opposite of the right-handed positions	Set the monitor to left-handed mode before checking the ball location.
Physical reference	A golf ball measures 4.27 cm in diameter, according to the National Library of Medicine, PubMed Central.	Use the ball itself as a consistent reference when practicing your setup.

Find the Right Position for Your Launch Monitor

Launch monitor	Indoor placement guidance	What to keep consistent
Garmin Approach R10	Place it 6 to 8 feet behind the ball, with at least 8 feet from the ball to the net.	Keep the radar line, ball, and target aligned. Garmin's Approach R10 setup and feature guide discusses its placement guidance.

Launch monitor	Indoor placement guidance	What to keep consistent
Rapsodo MLM2PRO	General guidance gives 6.5 to 8.5 feet behind the ball and at least 8 feet from the ball to the net.	Use the correct RPT ball when relying on its measured spin data, and keep the device position fixed.
Uneekor EYE MINI CORE	Its specified hitting zone is 12 by 8 inches.	Keep the unit level with the hitting surface and put the ball within the displayed zone.
FlightScope Mevo Gen2	Place it 8 feet behind the tee and allow 8 feet of indoor ball flight.	Keep the ball, unit, and target line in the same relationship from shot to shot.
FlightScope Mevo+	Plan for about 10 feet of early ball flight when applying the indoor flight guidance.	Measure usable space from the ball's starting point, not just from the monitor to the wall.

Checklist for Consistent Indoor Ball Position

- ☐ ☐ Select the correct handedness setting.
- ☐ ☐ Confirm the device's capture zone using its setup diagram or on-screen prompt.
- ☐ ☐ Align the monitor, hitting mat, ball, and target line.
- ☐ ☐ Set ball position relative to your stance and club, not just the mat center.
- ☐ ☐ Use one ball and clear reflective objects from the detection area.
- ☐ ☐ Keep ground-based equipment level with the hitting surface.
- ☐ ☐ Wait for ball lock or ready status before swinging.
- ☐ ☐ Recheck the setup after changing the mat, tee height, or monitor position.

See also: launch monitor buying guides, golf simulator room dimensions.

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