

ShotMarker Instructions

This short guide is intended to supplement information received at the High Power range orientation. Range orientations are conducted after each match concluding at the 600/1000yd firing line. A High Power range orientation must be completed before using the High Power range.

There are 5 pieces of equipment necessary for the system to function:

1. Access Point – Transmits a Wi-Fi signal by the name of ShotMarker, and communicates with Sensor Hubs and smart devices
2. Sensor Hub – collects data from microphones and communicates with the Access Point
3. Microphones (4) – work in conjunction with each other to triangulate shot locations and other data transmitted by cable to the Sensor Hub
4. Cables (4) one for each microphone, connects microphones to Sensor Hub
5. Smart Device (iPad, iPhone, android phone or other tablet) – your personal device that connects with the Access Point to show your shot locations on the target

A ShotMarker system is set up and available for your use on the High Power range but you must take a few steps to make it function for you.

1. Place a target in the ShotMarker target carrier. The ShotMarker carrier will have microphones in place, and the sensor hub wired in.
2. Open the ammo can at the base of the target carrier. The sensor hub is wired into the can and may not be removed. Turn the sensor hub on by pushing the red button. The LED on the sensor hub should begin blinking then go to constant on.
3. Remove the Access Point from the ammo can and turn it on in the same manner as you did the sensor hub. It too has an LED which will initially blink then remain constantly lit.
4. Connect your smart device to the Wi-Fi signal “Shotmarker”
5. Open a browser on your smart device (on my iPhone I have had the most luck with Safari) and on the search line type in the following 192.168.100.1 - this should take you to the ShotMarker interface.

Take the Access Point with you to the firing line. Ensure good line of sight between the ShotMarker target and the access point so the two can communicate.

Be sure to turn off both the access point and the sensor hub and take down your target before you leave.

The ShotMarker system you have been provided with has been carefully calibrated for the carrier we use. The target we use at the 1000yd line is the U.S. 1000yd LR target or its F-class equivalent. The system has been preconfigured for one of these targets. Keep in mind that reconfiguring any of the settings will likely cause issues that the next member will have to deal with so please don't mess with system configuration.

If you would like a better understating of the system, look online searching for Autotricker which will take you to MacDonald Innovations web site. Clicking “Support” in the main menu will take you to a page with the ShotMarker manual.

Finally, if you show up during any of the matches we shoot at the High Power range, we'll be glad to give you a quick tutorial as we can between firing orders, or after the match.