

Automatic target launch system for rifle shooting consists of a central unit and a set of microphone modules connected to the central unit via a wireless connection and capable of exchanging data with the central unit. Includes a target-launching module consisting of a set of launching devices connected to the specified core via a wireless connection, and a referee console connected to the specified target-launching module via a wired connection. It comprises a video and audio module capable of communicating with the specified unit via a wireless or wired connection, and a contactless module capable of exchanging data with the specified unit via a wireless connection. Additionally, it includes a mobile device connected to the specified unit via a wireless connection. Moreover, the specified unit includes a Wi-Fi module and is configured to automatically update software when an internet connection is available; each of the specified set of microphone modules consists of software and hardware components and is configured to extract the sound of a shot from the acoustic spectrum; the target-launching module includes launch devices and is designed to allow their simultaneous use; and the referee's console includes a button to advance the current target marker forward by one step and is designed to launch targets in a predetermined sequence.