



# APPLICATION NOTE

**DATE:**

December 1, 2018

**SEVERITY:**

Medium – Requires a level of due diligence to keep the system operating correctly

**TOPIC:**

Using One G2 ShootersPac on a Range

**PRODUCTS AFFECTED:**

G2

**ACTIONS:**

The G2 ShootersPac contains everything you need to run one e-target on a range.

Set up your G2 in the butts/pits, mounted below grade so it cannot be seen by the shooter or hit by a bullet. Mount the supplied panel antenna in an above-grade "visible" location where it has a clear line of sight to the firing line, so that the G2 unit is able to have a good wifi to the R5 Repeater on the firing line.

Put the R5 Repeater on the firing line near the shooter(s). The flat front surface with the logo and power button and indicator lights should face downrange so that it can "see" the target and the G2's panel antenna.

The stronger the WiFi signal you can arrange, the faster and more reliable your system's WiFi network will be. Generally speaking, the higher above ground level a G2 panel antenna and/or an R5 Repeater are mounted, the better,

For one or two shooters, setting the R5 on the ground or on a shooting bench is often a convenient mounting location. Its black mounting block can also be attached to a vertical round item (such as a scope stand rod) with a hose clamp, or screwed to a vertical flat surface (such as a stick of wood or the face of a building)

If you are using the standard panel antenna for the G2 that has an integral 1m (3') cable, the best location is usually on the bottom left corner of the target frame, near or just above the dual sensor microphone unit.

If you want to install the G2 panel antenna at a higher location if a stronger G2->R5 signal is needed, you can use a longer cable, available from your SMT dealer or you can use a commercially available extender cable such as a "TP-Link TL-ANT24EC3S " (a 3 meter RP-SMA male to female extender cable). Avoid placing the panel antenna in the "9-o-clock" position; place it more than 1.5'(500mm) above or below "waterline" so that a bullet drifting across does not hit the antenna.