

BVITS SG-01 Squirt Gun App and Target Instructions

CAUTION

Please select a large, safe, open area for squirt gun games. Check for obstacles and hazards that might be missed during active play.

Note

Players should wear learning shades based on the vision level of the least-sighted person playing in the game to keep games fair.

BVITS Targets

Any BVITS Tag can serve as a target. The printed size will impact the effective range of the system. An 8" target should be identifiable from about 10 m or 30 ft. Specialized, printed target sets are available at: <https://dxdtengeering.com/BVI-Target-System/>. They include:

- Elongated stickers for Cornhole
- Poster size for archery*
- Heavy paper for air gun*
- Waterproof laminated, wearable placards for squirt gun

*phone mounts for bow or air gun must be purchased separately

BVITS users are welcome to print out April Tags from the Directions Mode collection and modify them as necessary for these and other game and sport purposes.

Squirt Gun Game Mode Directions:

The targets available on our website are laminated for water resistance and two-sided to avoid being flipped over to hide the target tag. Each SG-01 set contains 8 targets so 4 players can each wear a target on their front and back. Alternatively, up to 8 players could wear one target each.

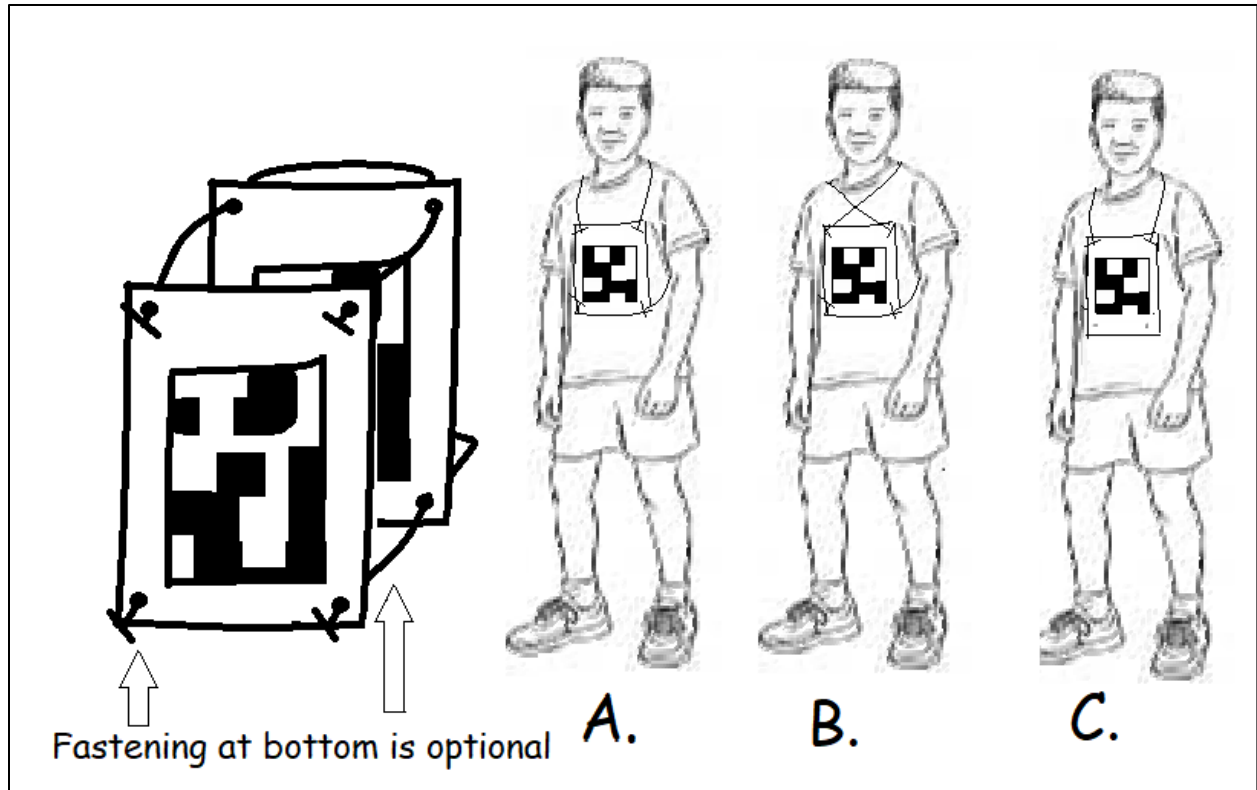
Configuring the BVITS app for Squirt gun play:

The app includes the following features that can be useful:

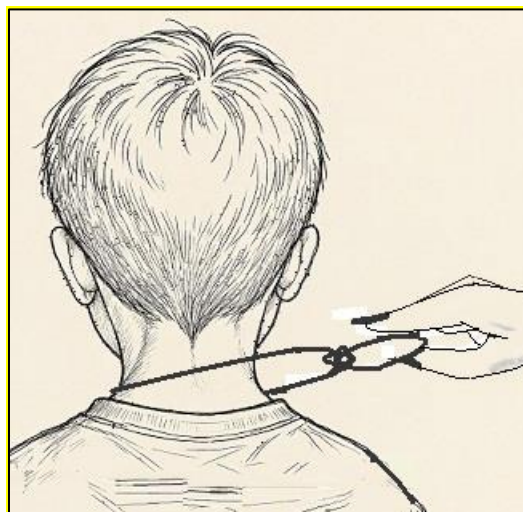
- Squirt gun play involves acquiring targets at varying distances. For this reason, we recommend the following BVITS App settings:
 - “Announce range to target”: on
 - Tag size (if range announcements are to be used, enter 6” for dxdt SG-01 targets.
 - “Manual Zoom”: off
 - “Minimum Zoom”: Slider mid-position.
- “Match a specific tag”: off
- “Vibrate when centered”: The system can be made to vibrate upon detection of a centered target. Set to your preference.
- “Message Speed”: Start at “Normal” and adjust to your preference later. It is likely that at longer target ranges the rate of messages should be decreased.
- “Centering Tolerance”: Set slider to middle of its range. It is likely that at longer target ranges the centering tolerance slider should be set further to the right because at long distances centering adjustments become too minute to be useful. If when you are at competition distance, the most minute change in bow angle causes a message, this is a sign that the centering tolerance should be set further to the right- for a larger tolerance.

Affixing the SG-01 Targets to the Players

The SG-01 set includes one elastic band for each of the targets provided. The figures below show ways that the SG-01 tags can be worn.



The drawing to the left shows how the elastic bands can be fastened to the tags so the tags can be worn. The elastic bands are extra long to accommodate multiple wearing concepts. Option A. shows the tag being suspended over the shoulders and being secured around the waist. Option B shows the shoulder straps being crossed to take up some slack. It is also secured around the waist. Option C. just shows the tag being worn around the neck- in a single tag per player manner. There is no band securing it around the waist. The figure below shows how a simple knot can be used to take up slack in the elastic bands.



Squirt Gun play:

The BVITS SG-01 system allows individuals who are blind or visually impaired to engage in squirt gun play. Squirt gun play is a fun way to develop sensory and mobility skills. Prior to the start of the game, players should be acclimated to the boundaries of play, the squirt gun fill-up station and any rules. Some degree of safety supervision is in order. Players should be encouraged to test their phones and BVITS apps to ensure that targets can be captured and alerted on. At the start of the game the players are encouraged to scatter within the play area and then hunt for each other using their BVITS app as well as their senses of hearing. Using their senses, their command of the environment, their BVITS apps and their wits, the players should have great fun stalking their friends while attempting to remain dry themselves.

Please enjoy your BVITS system and use it safely.