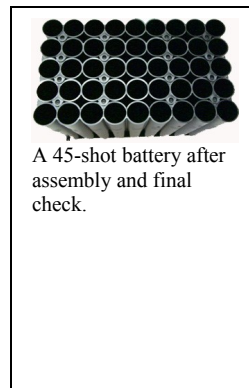
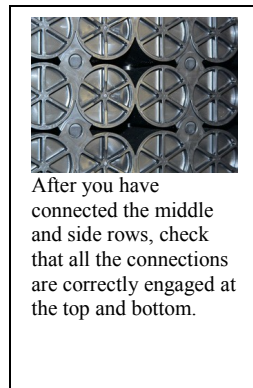


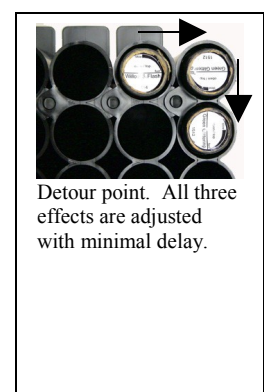
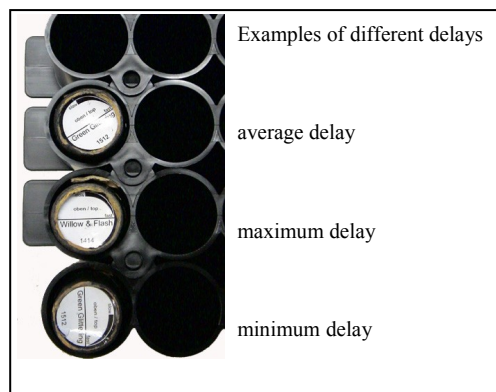
User reference guide Blackboxx – System 1.5"

- Assemble the launching unit according to your individual requirements. Each unit must have a left and a right side row, as well as an any amount of middle rows (a row consists of 9 launching tubes). Click the parts together and confirm that all the connections are engaged (check both the top and bottom!). We recommend to first click the middle rows together, to check (by eye) the continuous run of ignition channels and then to connect both side rows. Control also whether in the side rows of respectively 4 ignition canals available are. In order to ensure a stable battery, the launching unit must have at least 45 shots (2 side's row and 3 middle rows) and must always be staked down on uneven ground.



- Begin filling the box with the first bullet at the launching tube with an igniter outlet and the inscription "start". Each box has respectively two of these start tubes an igniter outlet (one on each side row). The second igniter outlet can be used as a reserve, or for connection to another box or another effect. The first bullet should have the ignition line pointing towards the igniter outlet so that it ignites immediately. **IMPORTANT!** Bullets must always be loaded with the white label facing up towards the top of the tube. The second bullet is now loaded into the tube of the second row, the third bullet into the tube of the third row and so forth. **ATTENTION!** The shot sequence goes **ACROSS** and not along the 9-tube rows. Time delays are set individually for each bullet by turning the bullet before loading it into its tube. For a slow delay, the word "slow" should be aligned with the previous launching tube, with the line at a 90° angle to the ignition channel from the previous tube. For a quick delay, the line should be aligned with the ignition channel from the previous tube. At the end of the last row, a redirection and the effect sequence results runs then after same schemes back toward to start. There the next redirection results and so further. Note: between the maximum and minimum delays, the bullets can be rotated to give intermediate delays of your choice.

ATTENTION! Check that the tubes are clean, dry and free of all debris before use, and that the bullets are intact and undamaged.

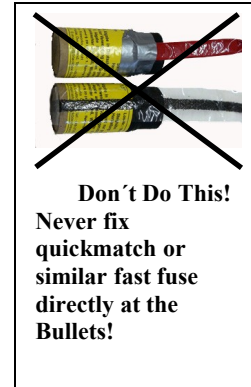
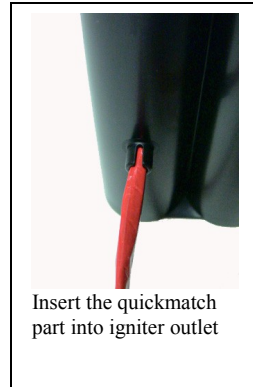
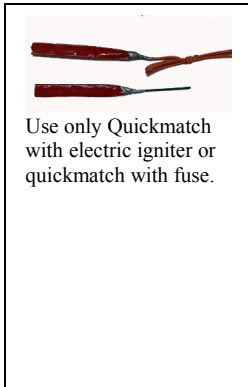


- After you have loaded all your bullets, check that there are no empty tubes there and that there are no tubes that are double-loaded with bullets. For the system to work properly, the bullets should be gently pressed into the bottem of the tubes with a wooden stick if necessary. **CAUTION!** Too much pressure or force on the bullets can lead to damage and malfunction. If you cannot press a bullet completely into a tube, it is probably because there is debris in the bottom of the tube. Use a torch to check that all of the bullets are loaded correctly at the bottom of each tube with the white labels facing upwards. If it is necessary to adjust the delay of a loaded bullet, a narrow round wood stick with two short needle tips in the end can be used to gently turn the bullet in its tube (for professional user only!).

- Now the box is loaded with bullets and checked, an electric igniter or quick match can be connected to the igniter outlet. First check that the igniter outlet is clean and free from debris. For the ignition, an electric igniter with a plastic cap or a length of quickmatch can be used. Either can be easily pushed into the igniter outlet. Note: we have found the best results using quickmatch, either on its own or with an attached electric igniter. Fix the electric match or quickmatch into the igniter outlet with adhesive tape to secure it firmly into place.

For safety reasons you should prepare the ignition at shooting side and ship the box without attached quickmatch. In case of a fire during transportation, the ignition of loaded box is impeded. That is another safety feature of Blackboxx compare with traditional cakes.

ATTENTION! Never stick quickmatch directly at the Bullets. The ignition pressure gases of the quickfuse can lift out the Bullet BEFORE launching and will result in a ground explosion.



- Your Blackboxx is ready to go now. For firing keep the same procedure as you would do for traditional cakes. Take care to safety using and the environment.
- After shooting wait for a while in a safety distance before pick up the empty box. Tip the box over to take out all residues and wash the box if necessary. For well cleaning a high-pressure cleaner is recommended. Before reload the box it must be dried, especially the ignition canals must be free of water remainders or other pollutions. Please always check the empty box carefully before reloading.

The Blackboxx team wishes you much pleasure with this flexible system.