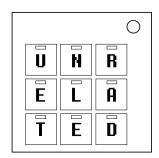
## On the Subject of Unrelated Anagrams

By barking with text-to-speech on, the dog accidentally programmed a module.

- Input the correct letter sequence determined using the following instructions.
- An incorrect input resets the module and gives a strike.



## Step 1: Figuring the starting sequence

- Follow these rules in the order they are listed. Select the first sequence that applies:
  - 1. If there are at least 3 lit indicators on the bomb, the starting sequence is "UNDERTALE".
  - 2. Otherwise, if there are at least 3 unlit indicators on the bomb, the starting sequence is "DELTARUNE".
  - 3. Otherwise, if there are exactly 8 solved modules, the starting sequence is "NUDE ALERT".
  - 4. Otherwise, if there are less than 6 modules on the bomb, the starting sequence is "ANT DUELER".
  - 5. Otherwise, if there is 1 minute left or less, or if there is more than 1 needy module on the bomb, the starting sequence is "ULTRA NEED".
  - 6. Otherwise, if the initial time on the bomb was 10 minutes or more, the starting sequence is "ELDER AUNT".
  - 7. Otherwise, if there are at least 3 circular ports (with RCA counting as 2 ports), the starting sequence is "NUT LEADER".
  - 8. Otherwise, if the serial number has an E or a D, the starting sequence is "NEUTRAL ED".
  - 9. If none of the above apply, the starting sequence is "UNRELATED".

## Step 2: Permuting the sequence

- For each AA battery on the bomb, put the last letter of the sequence before the others.
- For each D battery on the bomb, put the first letter of the sequence after the others.
- If the total number of ports is odd (with RCA counting as 1 port), reverse the sequence.
- Enter the resulting sequence on the keypad.

However, if there is an unlit indicator with label BOB and the serial number has 2 letters that are present on the module, skip the steps 1 and 2 altogether and input "UNRELATED" instead.