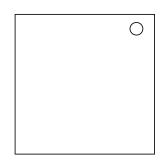
On the Subject of 3D Tap Code

Since when are blank modules blue?

Hold the module to hear a series of clicks. Each triplet of clicks encodes a letter as shown in the letter cube on the right. Determine in which order the coordinates are transmitted. Only one coordinate order results in a word contained in the word cube below.

Within the word cube, start from the decoded word, and move A spaces along the first coordinate, B along the second and C along the third (wrapping around the edges), where A, B, C are the first three characters of the serial number (A = 1, ..., Z = 26).

Transmit the new word using the same coordinate system to disarm the module. Tap the module 1 to 3 times for each coordinate, then wait for a click sound before proceeding to the next coordinate. Holding the module will reset your input.



$$3 - G^{O^{X}} H^{P^{Y}} I^{Q^{Z}}$$

$$2 - D^{M} E F^{N}$$

$$1 - A^{J^{R}} B^{K^{S}} C^{L^{T}}$$

