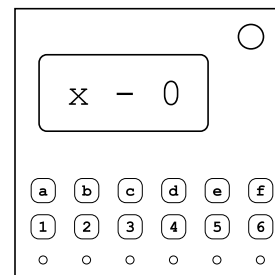# On the Subject of Chess

Under pressure, chess can feel more like a game of battleships.

This module is based on a **6x6 chessboard** *(referenced on the following page)* and all figures follow the standard FIDE movement rules.

The chess module will present with a display and two rows of six buttons each.

- There are six unique coordinates that represent six positions on the chessboard.
- Use the numbered keys in the bottom row to browse through the different coordinates. A green LED below the button will indicate the position of the currently selected coordinate.
- Using the reference table below, each position can be assigned a certain chess figure.
- The chess figures will cover 35 of the 36 possible fields with their combined movesets.
- All chess figures are colorless but can block each other's movement.
- Find the one field that isn't covered by any of the chess figures and enter the coordinate to defuse the module.
- To enter the coordinate, press the letter first, then the number. The LEDs will turn red to confirm the input of a solution.

Use this table as reference to determine the correct figure for each position:

Position #1: Monarchy vs Theocracy   Occupied by a king if Position #5 is occupied by a queen.   Otherwise, the field is occupied by a bishop.
Position #2: Commander of the Army   Occupied by a rook if the last digit of the serial number is odd.   Otherwise, the field is occupied by a knight.
Position #3: A Matter of Regents   Occupied by a queen if there are less than two rooks on the board.   Otherwise, the field is occupied by a king.
Position #4: The Iron Tower   Always occupied by a rook.
Position #5: Conflict between Good and Evil   Occupied by a queen if the field is white.   Otherwise, the field is occupied by a rook.
Position #6: The Scepter, the Sword and the Crosier   Occupied by a queen if there are no other queens on the board.   Otherwise, occupied by a knight if there are no other knights on the board.   Otherwise, the field is occupied by a bishop.

Chess Board Reference

Use the following graphic as a reference for the chess board layout.