Claims

1. An analog input device comprising:
   a plurality of analog input keys;
   a display having a plurality of indicators; and
   controls configured to adjust a setup value of the analog input keys,
   wherein the plurality of indicators are configured to turn on to represent the setup value of the plurality of analog input keys.

2. The analog input device of claim 1, wherein a respective indicator of the plurality of indicators is associated with a respective threshold value in connection with a travel distance of the plurality of analog input keys.

3. The analog input device of claim 2, wherein the respective indicator of the plurality of indicators is configured to turn on when the travel distance of the plurality of analog input keys exceeds that threshold value associated with the respective indicator.

4. The analog input device of claim 1, wherein when a mode of a plurality of modes is activated, a corresponding indicator of the plurality of indicators with which a threshold value associated is configured to turn on in a mode presenting way, and a setup value of the mode is equal to the threshold value associated with the corresponding indicator.

5. The analog input device of claim 4, wherein when the mode is activated, the plurality of indicators are further configured to turn on in a mode adjusting way in response to a travel distance of the plurality of analog input keys, the mode adjusting way being different from the mode presenting way.

6. The analog input device of claim 4, wherein a further corresponding indicator of the plurality indicators with which a further threshold value associated is configured to turn on in the mode presenting way, and an adjusted setup value of

the mode adjusted by the controls is equal to the further threshold value associated with the further corresponding indicator.

7. The analog input device of claim 4, wherein when the mode is activated, a selected number of the plurality of analog input keys is turned on in response to releasing and actuating of the selected number of the plurality of analog input keys.

8. The analog input device of any of claims 2 to 7, wherein the threshold values of the plurality of indicators comprises a sequence of numbers in connection with the travel distance of the plurality of analog input keys,
preferably wherein the sequence of numbers is preset with equal distance.

9. The analog input device of any of claims 4 to 8, wherein a respective combination of the plurality of analog input keys are configured to activate or deactivate a respective mode of the plurality of modes of the analog input device,
preferably wherein the plurality of modes comprises an actuation point adjustment mode and a rapid trigger sensitivity adjustment mode.

10. The analog input device of any of claims 1 to 9, wherein the plurality of indicators comprise a plurality of light-emitting diode (LED) lights.

11. A system for receiving and processing analog input, the system comprising:
an input module configured to receive analog input from a plurality of analog input keys and inputs from controls configured to adjust a setup value of the plurality of analog input keys;
an output module configured to output control signal to a plurality of indicators; and
wherein the output module is configured to turn on the plurality of indicators to represent the setup value of the plurality of analog input keys.

12. The system of claim 11, wherein a respective indicator of the plurality of indicators is associated with a respective threshold value in connection with a travel distance of the plurality of analog input keys.

13. The system of claim 12, wherein the output module is configured to turn on the respective indicator of the plurality of indicators when the travel distance of the plurality of analog input keys exceeds that threshold value associated with the respective indicator.

14. The system of claim 11, wherein when a mode of a plurality of modes is activated by the input module, the output module is configured to turn on in a mode presenting way a corresponding indicator of the plurality of indicators with which a threshold value associated, and a setup value of the mode is equal to the threshold value associated with the corresponding indicator.

15. The system of claim 14, wherein when the mode is activated, the output module is configured to turn on in a mode adjusting way the plurality of indicators in response to the travel distance of the plurality of analog input keys, the mode adjusting way being different from the mode presenting way,
or wherein the output module is configured to turn on in the mode presenting way a further corresponding indicator of the plurality indicators with which a further threshold value associated, and the adjusted setup value of the mode adjusted by the controls is equal to the further threshold value associated with the further corresponding indicator,
or wherein when the mode is activated, the output module is configured to turn on a selected number of the plurality of analog input keys in response to releasing and actuating of the selected number of the plurality of analog input keys.