CLAIMS:

1. A headgear operation system comprising:

an accelerometer coupled to headgear and configured to detect an orientation of the headgear;

an actuator coupling an extending portion of the headgear to a main body of the headgear, wherein the actuator is configured to extend the extending portion away from the main body of the headgear and retract the extending portion toward the main body of the headgear; and

a controller communicatively coupled to the accelerometer and the actuator, wherein the controller comprises a processor and a memory, wherein the memory is configured to store machine-readable instructions, wherein the machine-readable instructions are configured to cause the processor to:

receive an indication of the orientation of the headgear from the accelerometer;

determine an instruction to send to the actuator based on the indication of the orientation of the headgear, wherein the instruction is configured to cause the actuator to extend the extending portion away from the main body of the headgear or retract the extending portion toward the main body of the headgear; and

send the instruction to the actuator;

determine a second instruction to send to the actuator based on the signal, wherein the second instruction is configured to cause the actuator to extend the extending portion away from the main body of the headgear or retract the extending portion toward the main body of the headgear; and

send the second instruction to the actuator.

2. The headgear operation system of claim 1, comprising a wireless receiver configured to receive a signal from a wireless transmitter of the second headgear.

3. The headgear operation system of claim 2, comprising a second wireless transmitter, wherein the machine-readable instructions are configured to cause the processor to send a second signal to a second wireless receiver of the second headgear in response to receiving

the signal at the wireless receiver.

4. The headgear operation system of claim 1, wherein the memory is configured to store a table that maps the indication of the orientation of the headgear to the instruction to send to the actuator, and wherein the machine-readable instructions that are configured to cause the processor to determine the instruction to send to the actuator comprise querying the table and receiving the instruction from the table.

5. The headgear operation system of claim 1, wherein the headgear comprises a helmet.

6. An interactive helmet comprising:

a main body;

a motion sensor configured to detect an orientation of the interactive helmet;

a plurality of extending portions;

a plurality of actuators, wherein each actuator of the plurality of actuators couples a respective extending portion of the plurality of extending portions to the main body of the interactive helmet, wherein each actuator of the plurality of actuators is configured to extend the respective extending portion away from the main body of the interactive helmet or retract the respective extending portion toward the main body of the interactive helmet; and

a controller communicatively coupled to the motion sensor and the plurality of actuators, wherein the controller comprises a processor and a memory, wherein the memory is configured to store machine-readable instructions, and wherein the machine-readable instructions are configured to cause the processor to receive an indication of the orientation of the interactive helmet from the motion sensor, and cause an actuator of the plurality of actuators to extend an extending portion of the plurality of extending portions away from the main body of the interactive helmet or retract the extending portion toward the main body of the interactive helmet based on the orientation of the interactive helmet; and

determine a second instruction to send to the actuator based on the signal, wherein the second instruction is configured to cause the actuator to extend the

extending portion away from the main body of the interactive helmet or retract the extending portion toward the main body of the interactive helmet; and

send the second instruction to the actuator.

7. The interactive helmet of claim 6, wherein the motion sensor is configured to detect yaw, pitch, roll, or a combination thereof, of a movement of the interactive helmet, wherein the machine-readable instructions are configured to cause the processor to extend the extending portion away from the main body of the interactive helmet or retract the extending portion toward the main body of the interactive helmet based on the yaw, pitch, roll, or the combination thereof, of the movement of the interactive helmet.

8. The interactive helmet of claim 6, wherein the machine-readable instructions are configured to cause the processor to receive a first indication of a first orientation of the interactive helmet from the motion sensor, and cause a first actuator of the plurality of actuators to extend a first extending portion of the plurality of extending portions away from the main body of the interactive helmet and cause a second actuator of the plurality of actuators to retract a second extending portion of the plurality of extending portions toward the main body of the interactive helmet based on the first orientation of the interactive helmet.

9. The interactive helmet of claim 8, wherein the machine-readable instructions are configured to cause the processor to receive a second indication of a second orientation of the interactive helmet from the motion sensor, and cause the first actuator to retract the first extending portion toward the main body of the interactive helmet and cause the second actuator to extend the second extending portion away from the main body of the interactive helmet based on the second orientation of the interactive helmet.

10. An interactive helmet comprising:

a main body;

a sensor configured to detect an orientation of the interactive helmet;

a plurality of electronic displays coupled to the interactive helmet, wherein the plurality of electronic displays is configured to display eyes,

an actuator coupling a feature of the helmet to the main body, wherein the actuator is configured to adjust an orientation of the feature with respect to the main body; and

a controller communicatively coupled to the sensor and the actuator, wherein the controller comprises a processor, a memory, wherein the memory is configured to store machine-readable instructions and wherein the processor is configured to:

receive an indication of the orientation of the interactive helmet from the sensor, and

cause the actuator to adjust the orientation of the feature with respect to the main body based on the orientation of the interactive helmet,

wherein the machine-readable instructions are configured to cause the processor to adjust display of the eyes based on the orientation of the interactive helmet.