CLAIMS

What is claimed is:

1. A helmet comprising:

helmet body;

left steering lamps and right steering lamps installed on front and rear sides of the helmet body, the steering lamps being wirelessly coupled to a brake detection control device on a brake handle of a bicycle, wherein the left steering lamps and right steering lamps include LED lamp panels;

a manual control device including a control button set on a handlebar of the bicycle;

a first wireless receiving module on the helmet body wirelessly coupled to a second wireless receiving module on the bicycle, the wireless receiving modules including 2.4G remote control module connections;

a brake light in the rear middle position of the helmet, the brake light is wirelessly coupled to the brake detection control device on the brake handle of the bicycle, wherein the brake detection control device is a position switch set on the brake handle such that a rider can connect or disconnect the position switch to send control signals to the steering lamps through operating the brake handle, wherein the brake light includes an LED lamp panel, wherein the brake control device is configured such that connection of the position switch causes electric signals to be produced and further causes control signals to be sent wirelessly via the second wireless receiving module on the bicycle to the first wireless receiving module on the helmet in order to turn on both the brake light and the left and right steering lamps during braking; and

a control module electrically coupled the left and right steering lamps and to a gyroscope, the control module being connected wirelessly to the manual control device and the brake detection control device via the wireless receiving module, the control module configured to automatically sense a left or right turn and turn on the corresponding steering lamps thereby producing a turn signal, wherein the control module can be used to control the operation of steering lamps through sensing the turning of the head by the rider wearing the helmet, wherein sensing is accomplished via a control code written into the control module, the control code being written such that when the rider turns his/her head towards a certain direction consecutively twice within a certain period of time, the steering lamp in the certain direction is turned on, wherein the control code is also written such that when the rider looks up or down consecutively twice or more within a certain period of time, the brake light is turned on.