**Communication protocol**

message:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | FE | FE | Message type | byte | byte | byte | byte | byte | byte | byte | byte | FF | FF |
| Rocker |  |  | 01 | Right X direction | Right X value | Right Y direction | Right Y value | Right X direction | Right X value | Right Y direction | Right Y value |  |  |
|  |  |  | 01/02 | 00-250 | 01/02 | 00-250 | 01/02 | 00-250 | 01/02 | 00-250 |  |  |
| key |  |  | 02 | Right up up | Right up down | Left up up | Left up down | Center right up | Center right down | Center left up | Center left down |  |  |
|  |  |  | 00 free  01 click 02 long press | 00 free  01 click 02 long press | 00 free  01 click 02 long press | 00 free  01 click 02 long press | 00 free  01 click 02 long press | 00 free  01 click 02 long press | 00 free  01 click 02 long press | 00 free  01 click 02 long press |  |  |