

USER GUIDE

1. Drone

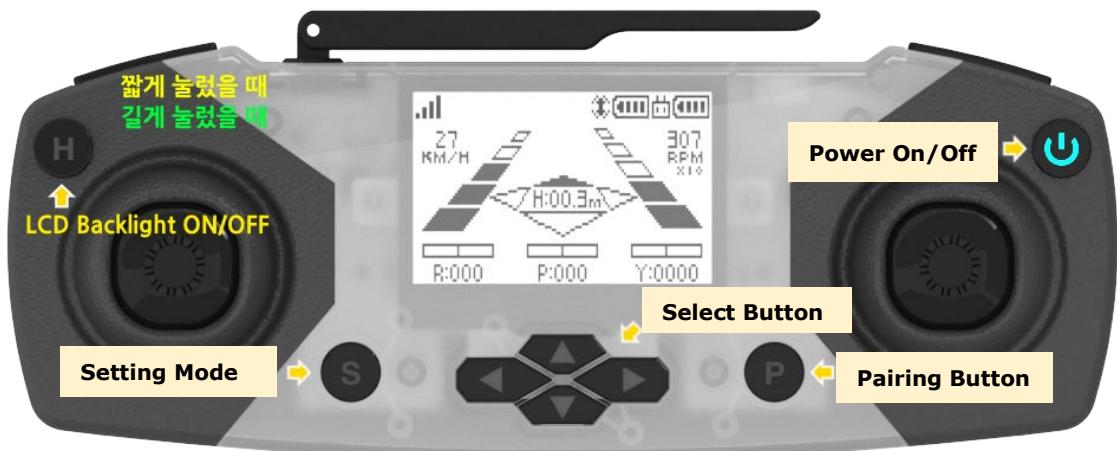
1.1. Coordinate System

E-Drone uses the right-handed coordinate system.

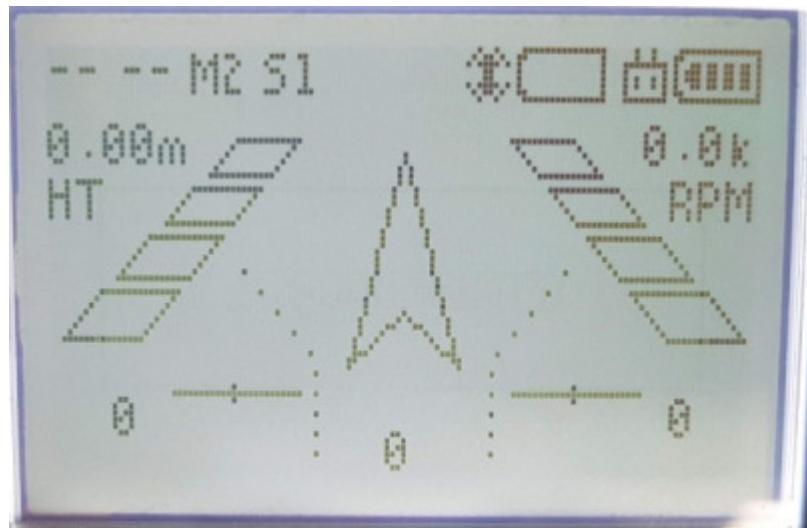
Coordinate	+	-
X	Front	Rear
Y	Left	Right
Z	Up	Down
Z Rotation	Counterclockwise	Clockwise

2. Controller

2.1 Buttons



2.2 Controller Screen



⟨Control Screen⟩

On the Control Screen, the User can control the Drone, set the Trim and check the status of drone.



⟨Setting Screen⟩

On the Setting Screen, the User can change the drone settings and check the status.

2.2. Screen Menu Configuration

Stage 1	Stage 2	Details
DISPLAY	Height-Posture-RPM	Set whether to show in control screen (SHOW / HIDE)

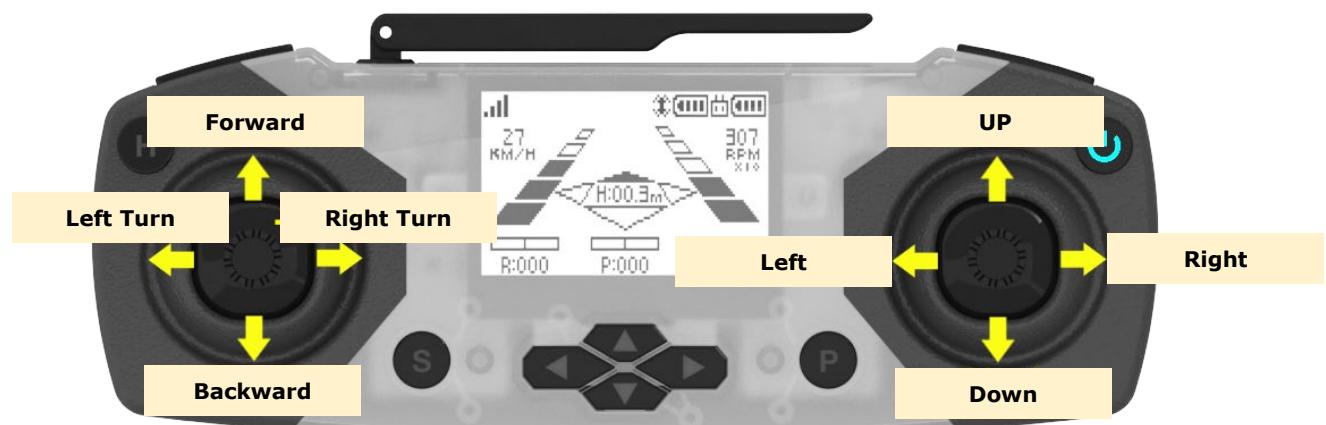
LIGHT	Height-Direction-RPM-Altitude-Position	Set whether to show in control screen (SHOW / HIDE)
	Speed-Position-Posture	Set whether to show in control screen (SHOW / HIDE)
	Posture-Height	Set whether to show in control screen (SHOW / HIDE)
	Positionb-Trim	Set whether to show in control screen (SHOW / HIDE)
	RF info.	Set whether to show in control screen (SHOW / HIDE)
	Input Value	Set whether to show in control screen (SHOW / HIDE)
	DRONE	Change the LED color of Drone
	CONTROLLER	Change the LED color of Controller
	ALTITUDE	Altitude Control
	POSITION	Position Control
CONTROL	MODE 1	L ↓ Elevator, L↔ Rudder, R ↓ Throttle, R↔ Aileron
	MODE 2	L ↓ Throttle, L↔ Rudder, R ↓ Elevator, R↔ Aileron
	MODE 3	L ↓ Elevator, L↔ Aileron, R ↓ Throttle, R↔ Rudder
	MODE 4	L ↓ Throttle, L↔ Aileron, R ↓ Elevator, R↔ Rudder
HEADLESS	HEADLESS	Headless Mode on
	NORMAL	Headless Mode off
	S1 (30%)	Speed level 1 (30 %)
SPEED	S2 (70%)	Speed level 2 (70 %)
	S3 (100%)	Speed level 3 (100 %)
	SENSOR RESET	Gyro sensor resetting
FUNCTION	PAIRING	Pairing
	SET DEFAULT	Initialization of Setting

INFOR- MATION	COUNT	Show the flight time and event info
	BIAS	Show the Sensor values
	TRIM	Show the Trim values
	MOTION	Show the IMU data
	ALTITUDE	Show the information about Altitude
	POSITION	Show the position data
	RF	Show the information of RF
	ADDRESS	Show the unique number(ID) of Drone
	BOOT	Show the boot information etc.
	CRC32	Show the CRC32 values

- Elevator : Pitch
- Rudder : Yaw
- Throttle : Throttle
- Aileron : Roll

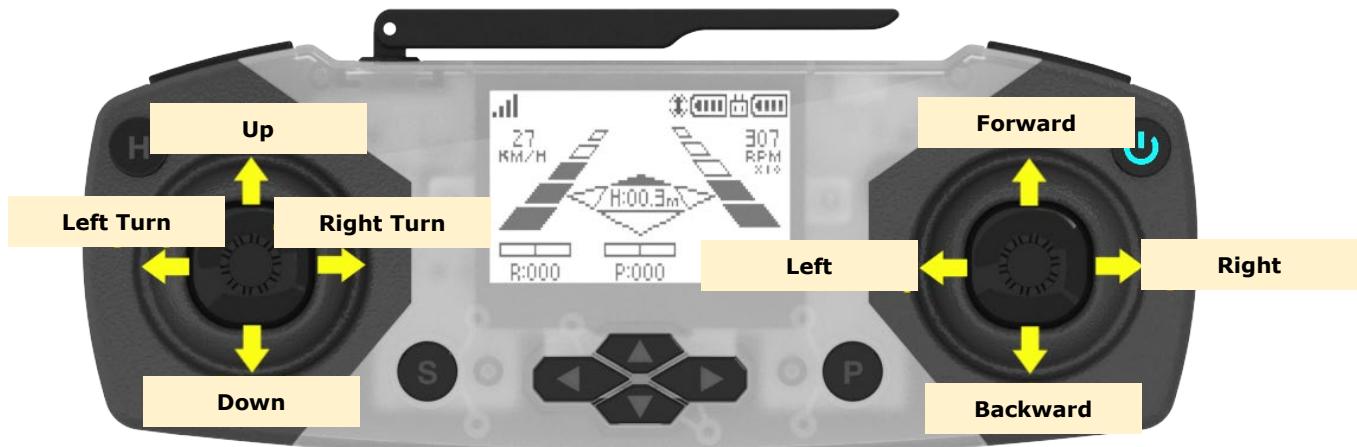
2.3. MODE

2.3.1. MODE 1



MODE 1

2.3.2. MODE 2



MODE 2

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction