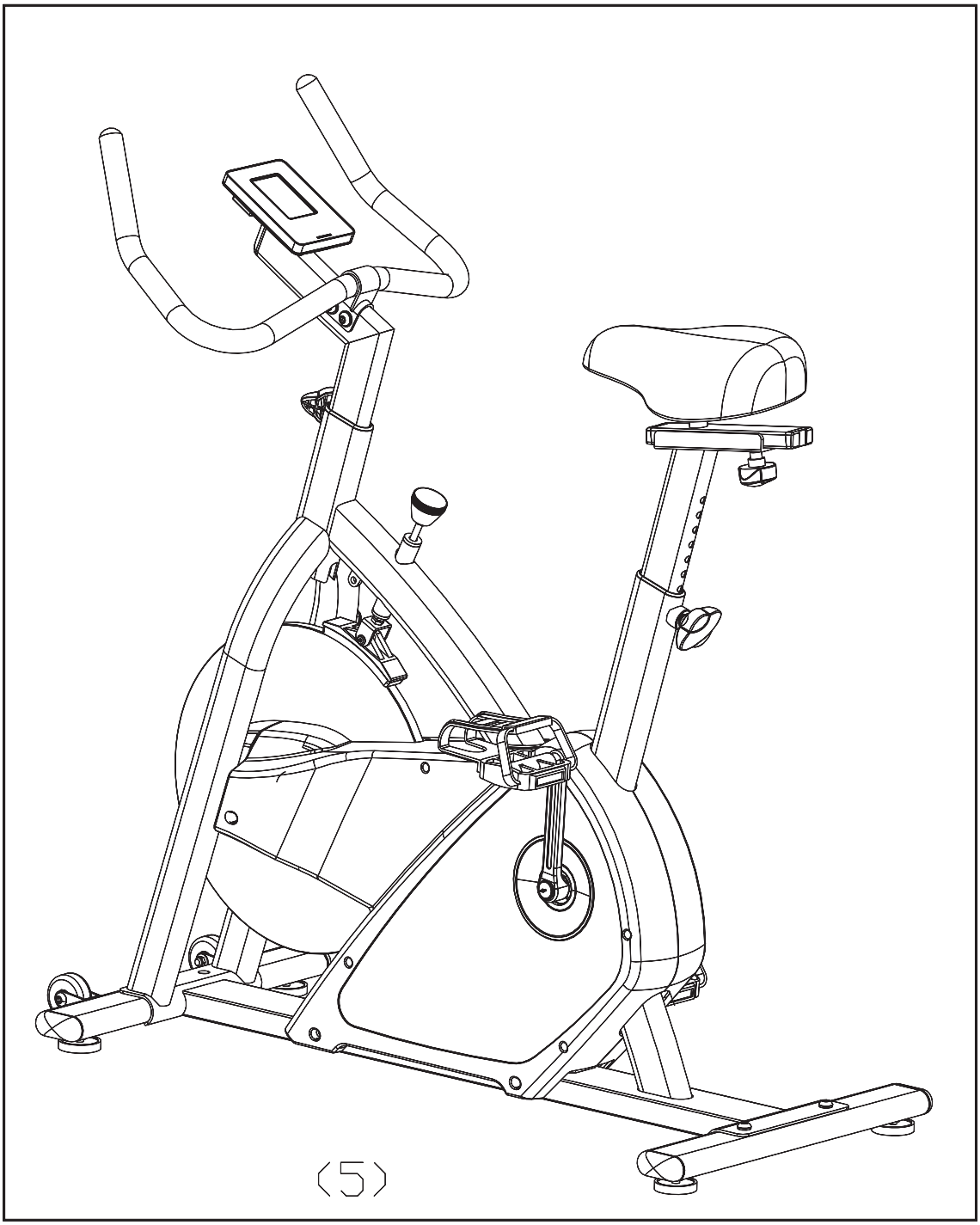
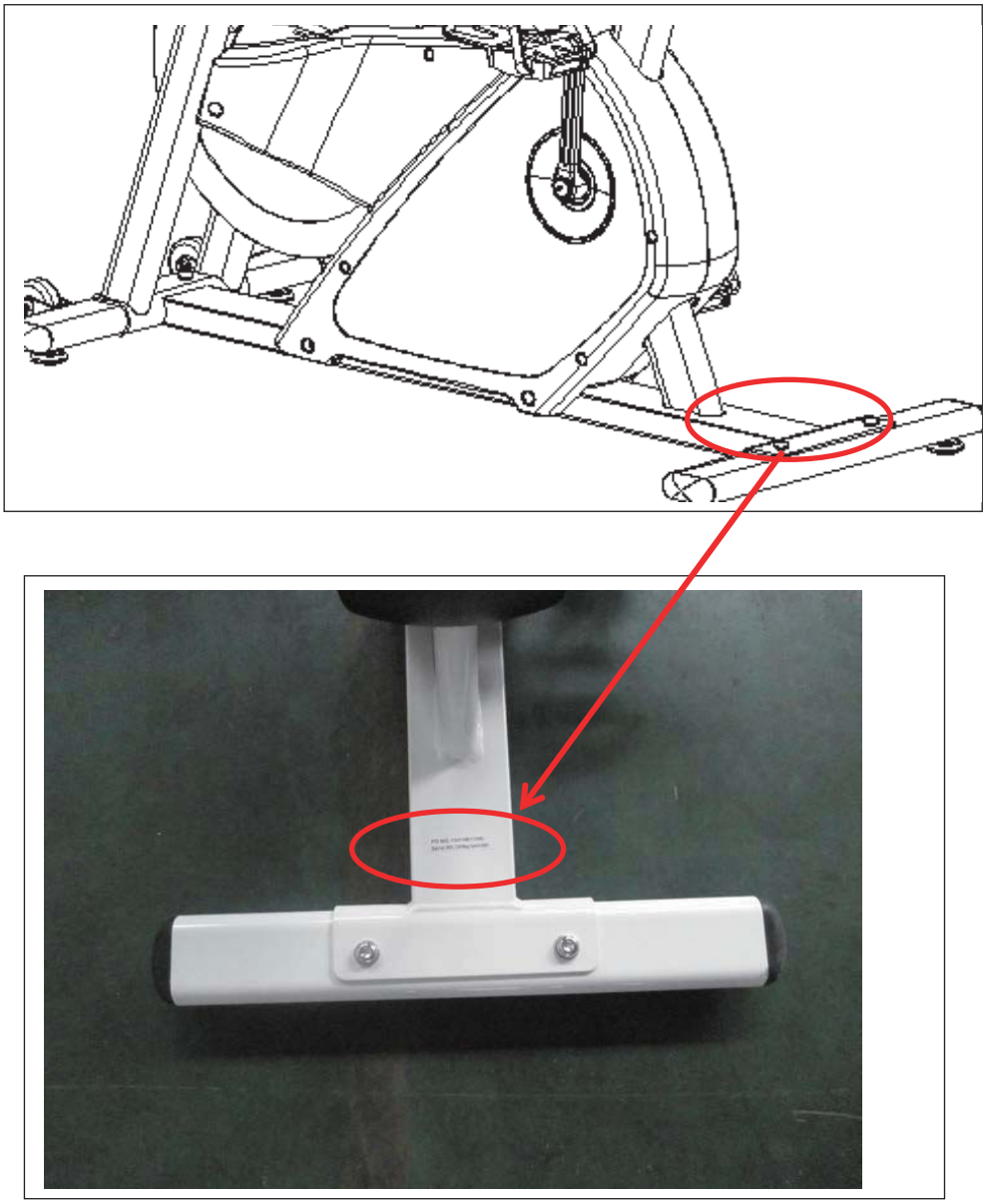
Assembly & Operating Instructions
For Mag Hybrid 2.2

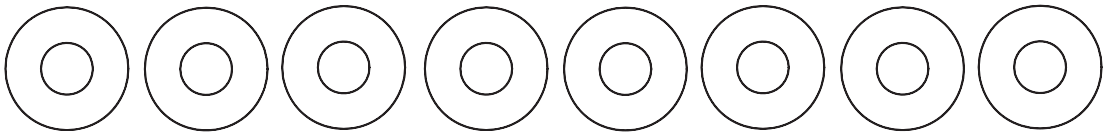


Important: Please locate your serial number and record in the box below for service support purposes.

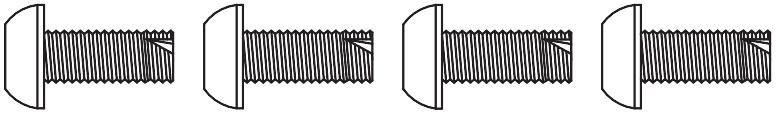


Serial number here:

MAG HYBRID

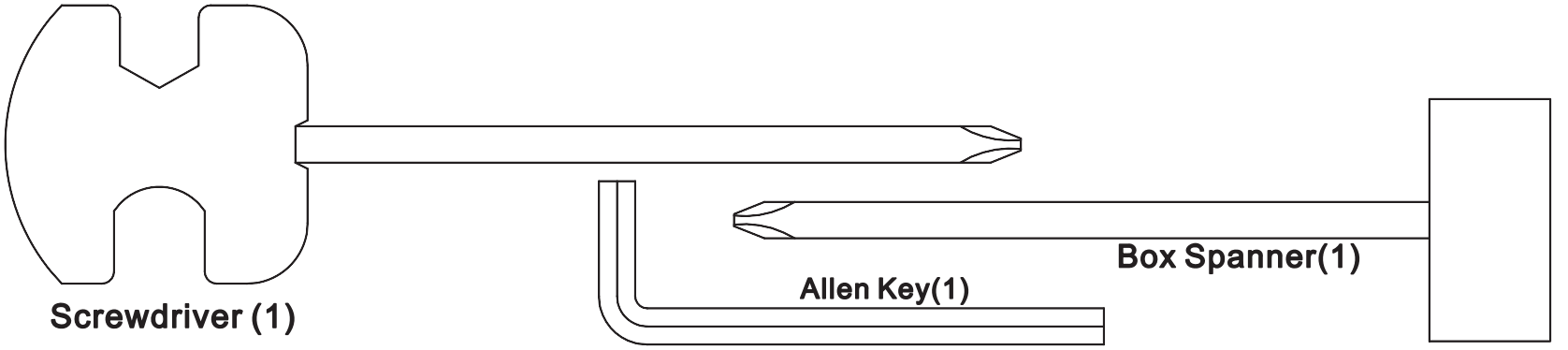


N-1: Flat Washer ϕ8* ϕ19*2T (8)



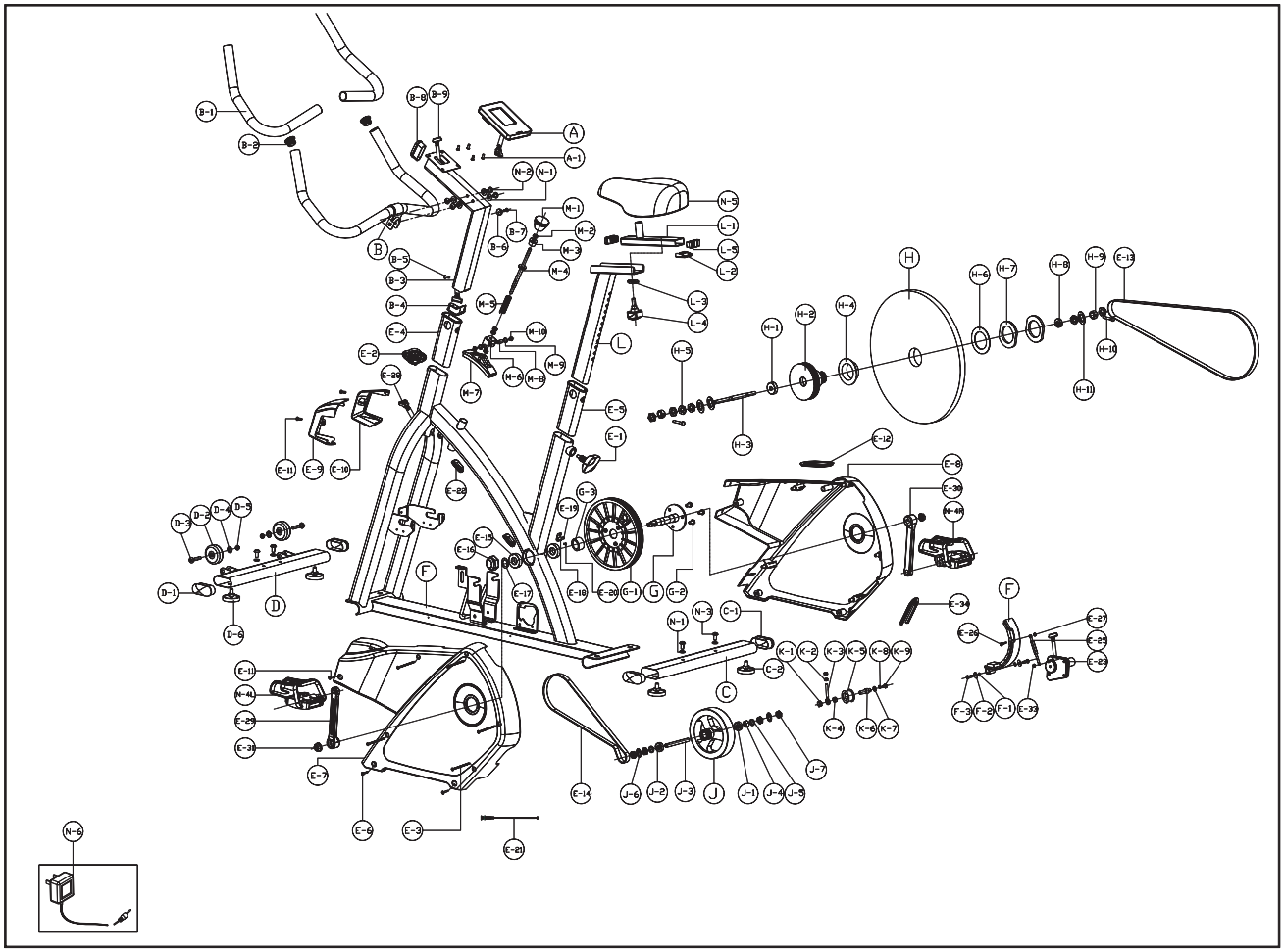
N-3: Allen Bolt M8*P1.25*20 mm (4)

N-2: Allen Bolt M8 * P1.25*12 mm (4)

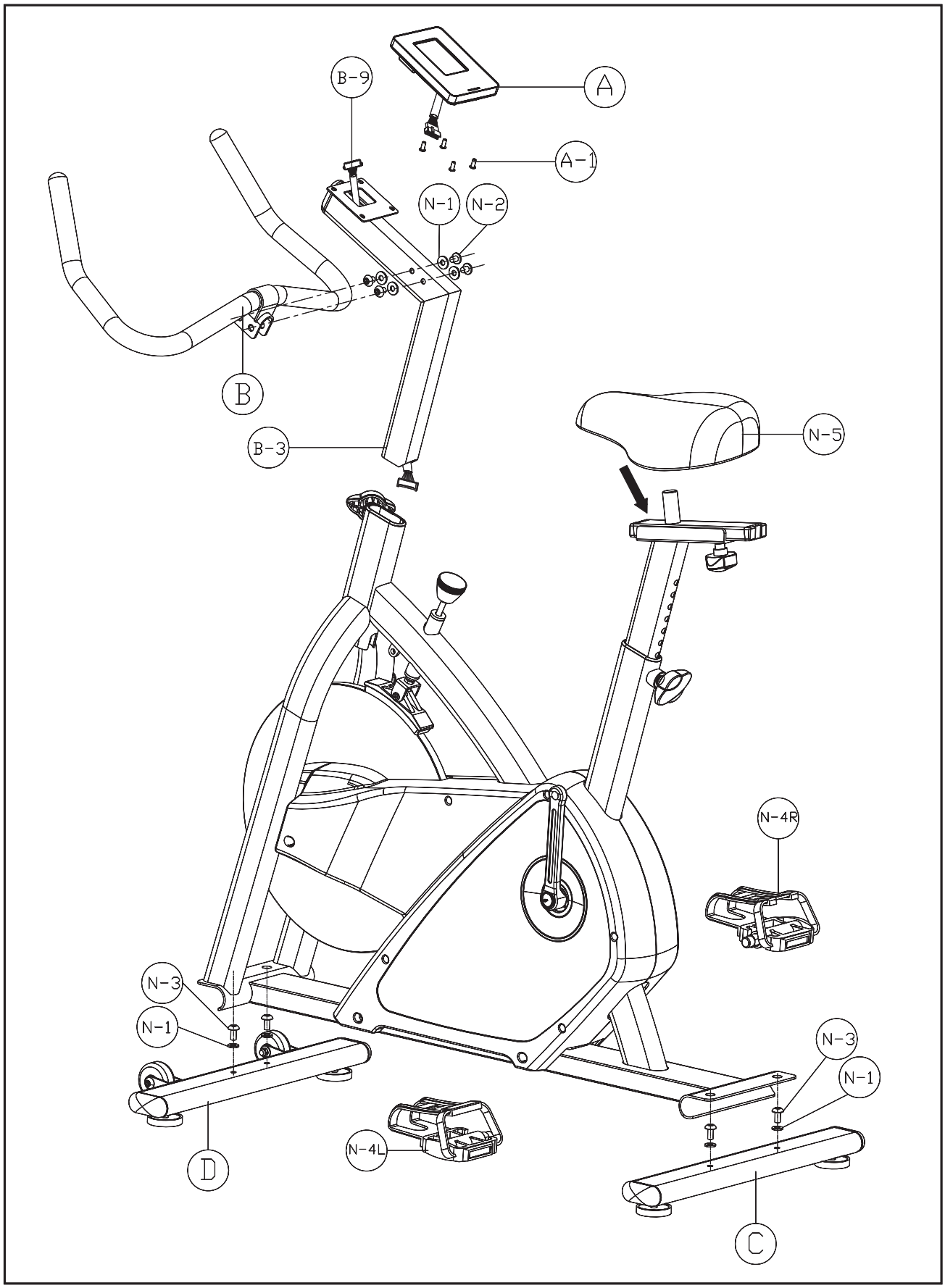


SP209M

EXPLORATION DRAWING



COMPLETE BIKE ASSEMBLY



PARTS LIST

PART NO.	DESCRIPTION	QTY
A, A-1	Computer and Screw	1PC
B	Handlebar	1PC
B-1	Foam grip for handlebar	2PCS
B-2	Cap for handlebar	2PCS
B-3	Handlebar post	1PC
B-4	End cap of handlebar post	1PC
B-5	Screw M3*14	1PC
B-6	Stopper for handlebar	1PC
B-7	Screw M5*12	1PC
B-8	Upper cap for handlebar post	1PC
B-9	Upper cable for computer	1PC
C	Rear stabilizer	1PC
C-1	End cap for rear stabilizer	2PCS
C-2	Adjustor pad for rear stabilizer	2PCS
D	Front stabilizer	1PC
D-1	End cap for front stabilizer	2PCS
D-2	Transportation wheel for front stabilizer	2PCS
D-3	Screw M8xP1.25x40L	2PCS
D-4	Flat washer φ8xφ19x2t	2PCS
D-5	Nylon nut M8	2PCS
D-6	Adjustor pad for front stabilizer	2PCS
E	Main frame	1SET
E-1	Adjusting knob for seat post	1PC
E-2	Adjusting knob for handlebar post	1PC
E-3	Screw M4x50L	5PCS
E-4	Sleeve for handlebar post holder	1PC
E-5	Sleeve for seat post holder	1PC
E-6	Screw M5x16L	4PCS
E-7	Left chain cover	1PC
E-8	Right chain cover	1PC
E-9	Front cover - Left	1PC
E-10	Front cover - Right	1PC

E-11	Screw M5x14L	4PCS
E-12	Bushing for chain cover	1PC
E-13	Belts 1320m/m	1PC
E-14	Belts 813m/m	1PC
E-15	Bearing 6004RS	2PCS
E-16	Nut M20*P1.0	1PC
E-17	Flat washer φ20.3xφ30x1t	1PC
E-18	Sensor holder	1PC
E-19	Sensor box	1PC
E-20	Screw M4x10L for sensor holder	1PC
E-21	DC cable	1PC
E-22	Cap for hand post holder	1PC
E-23,E-28	Gear box set	1SET
E-25	Support bar for gear box	1PC
E-26	Screw M4x12L	1PC
E-27	Hex screw M4	1PC
E-29	Left crank	1PC
E-30	Right crank	1PC
E-31	Nut M10xP1.25x10T	2PCS
E-33	Hex nut M3	1PC
E-34	Bushing for chain cover	1PC
F~F-3	Magnetic set	1SET
G	Shaft	1PC
G-1	Big pulley	1PC
G-2	Hex screw M8*P1.25*12L	3PCS
G-3	Bushing φ20*φ28*9.5L	1PC
H~H-11	Glass flywheel set	1SET
J~J-7	Small flywheel set	1SET
K~K-9	Idler wheel set	1SET
L	Seat post	1PC
L-1~L-5	Slider set for seat post	1SET
M-1	Brake knob for Brake	1PC
M-2	Hex screw M8 for Brake	1PC
M-3	Plastic bushing φ10xφ22.2x15t	1PC
M-4	Brake bar for Brake	1PC

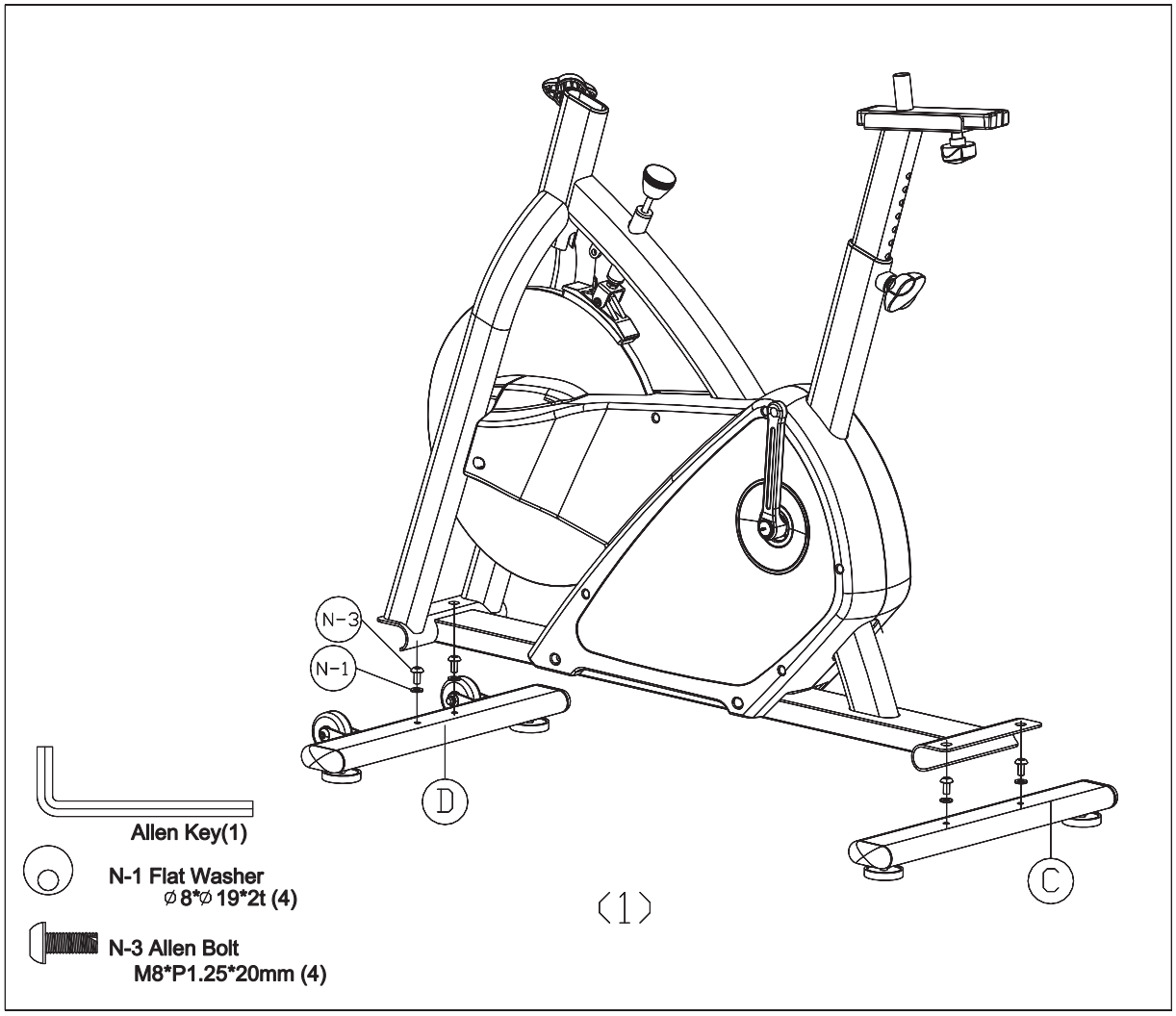
M-5	Pressing spring for Brake	1PC
M-6	U holder for Brake	1PC
M-7	Brake piece for Brake	1PC
M-8	Bushing φ9x18L for Brake	1PC
M-9	Flat washer φ10xφ14x1t for Brake	2PCS
M-10	Screw M5x8 for Brake	2PCS
N-1~N-3	Bolts & nuts pack	1SET
N-4	Pedal	1SET
N-5	Seat	1PC
N-6	Adaptor	1PC

STEP 1

1. Attach the front stabilizer (D) to the main frame (E) using two flat washer (N-1) and allen bolt (N-3).

2. Attach the rear stabilizer (C) to the main frame (E) using two flat washer (N-1) and allen bolt (N-3)

After assembly, the Trainer can be adjusted to slightly uneven ground by adjusting the height of the foot caps at the front and back. The pre-assembled transportation wheels in the front allow easy moving of the Elliptical and therefore during assembly, need to be pointing down at the front (45°).



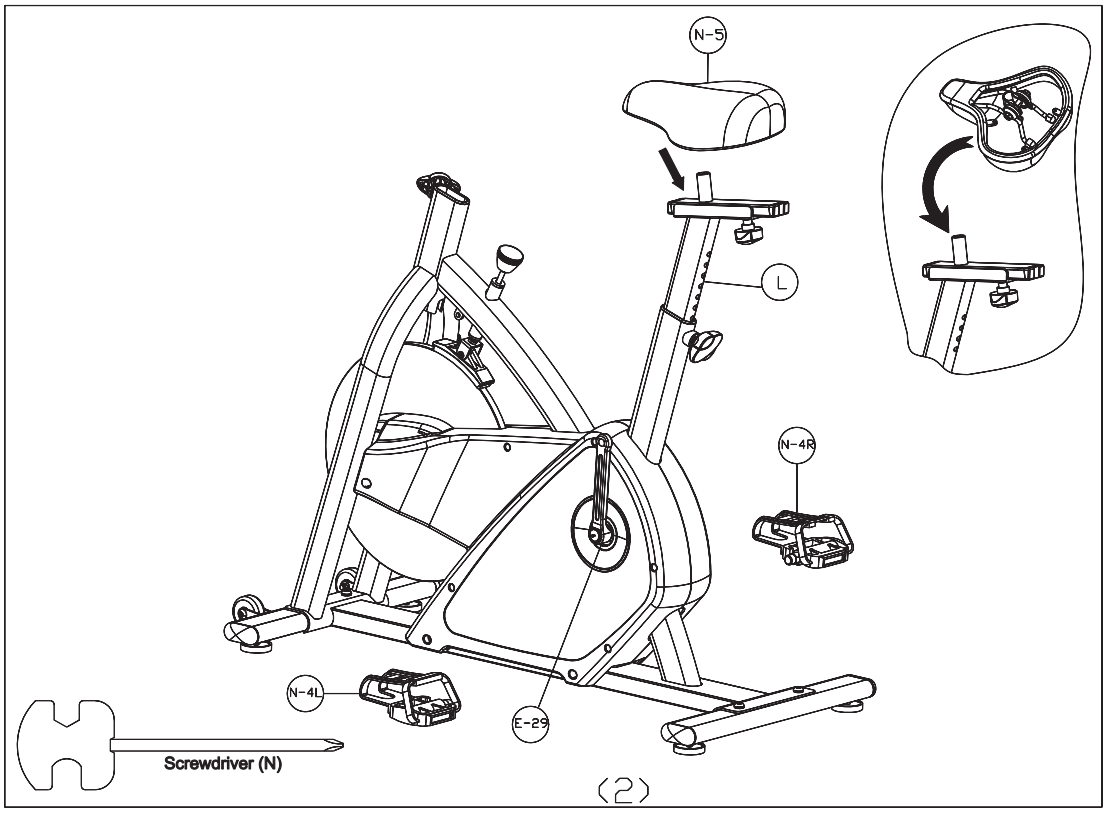
STEP 2

1. Assemble the left pedal (N-4L) to the left crank (E-29) and the right pedal (N-4R) to right crank (E-30).

2. Assemble the seat (N-5) to the seat post (L).

3. Then choose the desired position and tighten the knob (E-1). Be sure the knob is always tightened.

Remarks: When you have chosen a desired position, tighten the Seat Post Knob until you hear a “click”.



STEP 3

3.1 : Please remove the adjusting knob (E-2) from the main frame (E).

3.2 : Release the screw from the lower sleeve and take of the sleeve from the handlebar post but do not take the sleeve off the lower cable.

3.3 : Insert the handlebar post (B-3) into the main frame (E), then choose the desired position and tighten the adjusting knob (E-2). Be sure the knob is always tightened.

3.4 : Attach the handlebar (B) to the handlebar post (B-3) using the four flat washers (N-1) and four allen bolt (N-2) in each side.

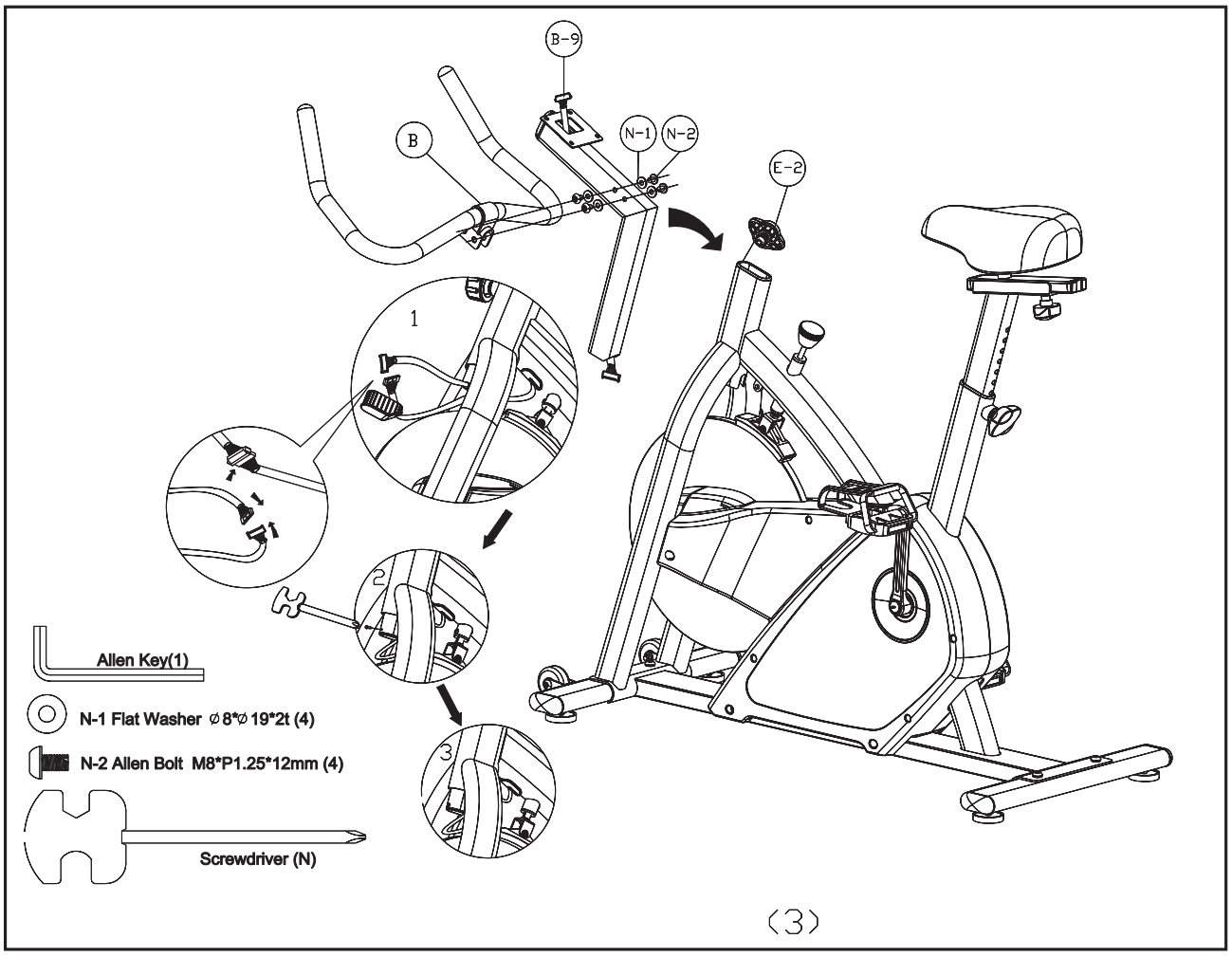
3.5 : Connect the lower cable (E-28) and the upper cable (B-9) in the handlebar post.

3.6 : Double check the cables are OK to connection.

3.7 : Put the sleeve into the handlebar post.

3.8 : Set up the screw for the sleeve

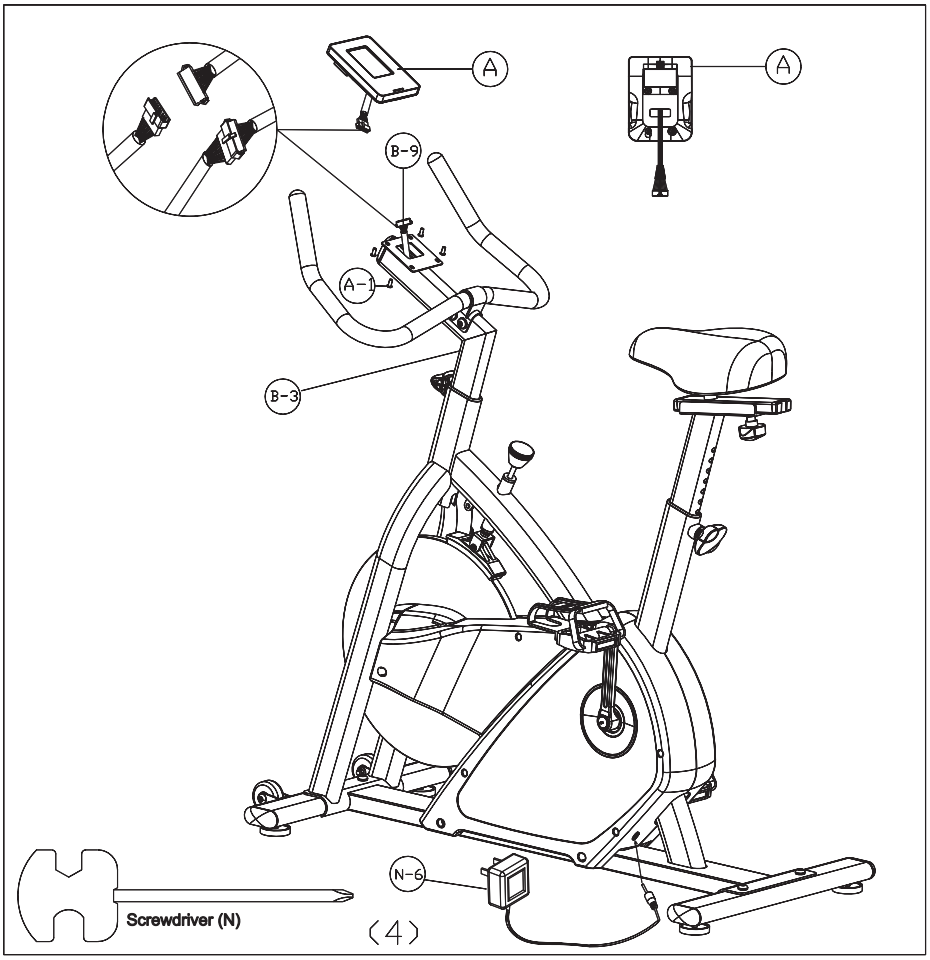
Remarks: When you have chosen a desired position, tighten the handlebar post knob until you hear a “click”.



STEP 4

1. Connect the upper cables (B-9) then attach the computer (A) to the computer bracket with the enclosed Screws (A-1)

2. Connect the adaptor (N-6) to the DC hole (located on the back of the chain cover).



Note :

1. Please pay attention that the glass flywheel will be easily broken when item is brought from the box Fragile and hand with care

2. Please always keep the item away within a certain distance as the glass flywheel is easily broken

3. Do not us the tool or hammer to hit such glass flywheel when exercising or non-exercising.

INSTRUCTIONAL MANUAL
SM7221 CONSOLE

DISPLAY FUNCTION :

ITEM	DESCRIPTION
TIME	.Workout time displayed during exercise. .Range 0:00 ~ 99:59
SPEED	.Workout speed displayed during exercise. .Range 0.0 ~ 99.9 km/hr
DISTANCE	.Workout distance displayed during exercise. .Range 0.0 ~ 99.9 KM
CALORIES	.Burned calories during workout display. .Range 0 ~ 999 Cals * Calorie count on the display only serves as a general guideline. For detail calorie consumption for each individual please consult a physician or a nutritionist.
PULSE	.Pulse bpm displayed during exercise. .Pulse alarm when over preset target pulse.
RPM	.Rotation per minute .Range 0 ~ 999
WATTS	.Workout power consumption .Range 0 ~ 350
MANUAL	.Manual mode workout.
PROGRAM	.12 PROGRAM selection.
USER	.User creates resistance level profile.
H.R.C.	.Target HR training mode.

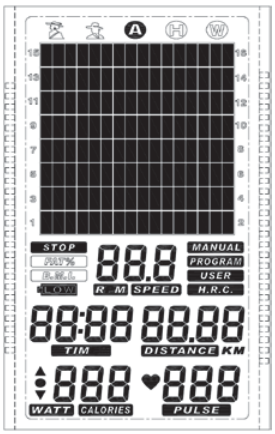
BUTTON FUNCTION:

ITEM	DESCRIPTION
Reset	In stop mode, press the button back to main menu.
UP	To select training mode and adjust function value up.
DOWN	To select training mode and adjust function value down.
MODE	In stop mode, the mode is to confirm all exercise data setting, and enter into program.
START/STOP	To start or stop exercise.
RECOVERY	To test hear rate recovery status.

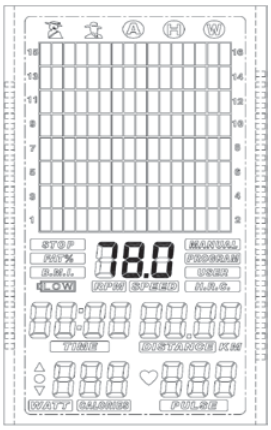
【OPERATION PROCEDURE】

(1) **POWER ON**

Connect power supply and computer will power on with a long beep sound, LCD display all segments (Drawing A) for 2 seconds and wheel diameter 78” (Drawing B).



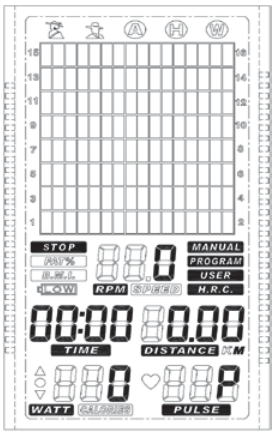
Drawing A



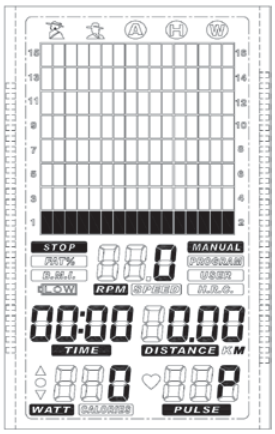
Drawing B

(2) **Manual Mode**:

In main menu(Drawing C), user may press UP or DOWN to select MANUAL →PROGRAM →USER →TARGET H.R. →WATT (Drawing D)



Drawing C



Drawing D

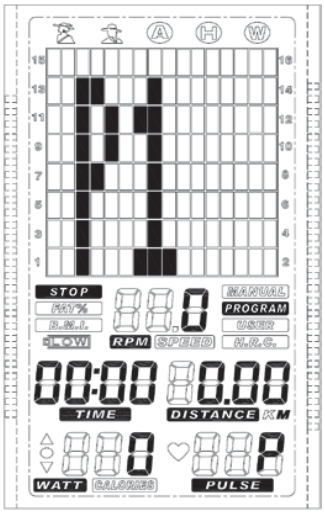
(3) **Program Mode :** :

Before exercise in Program mode, user may set up TIME target.

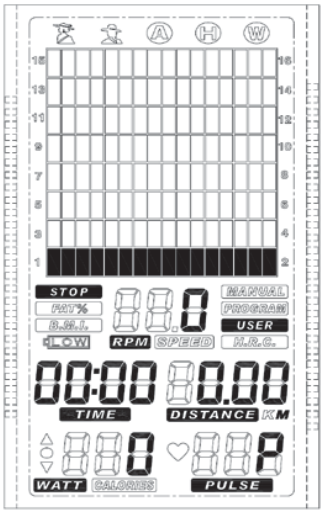
Press UP and DOWN to select Program with 12 profiles and press MODE to confirm. (Drawing

E)

Level can be adjusted during exercise by press UP or DOWN. (Drawing F)



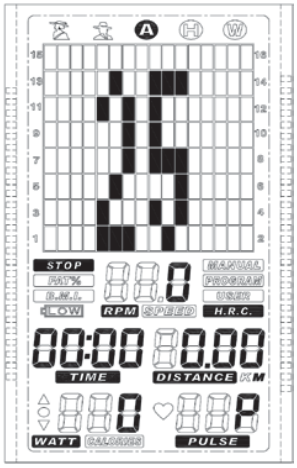
Drawing E



Drawing F

(4) **TARGET H.R. mode**：

Before exercise in TARGET H.R. mode, user may select age the press MODE (Drawing G)
And select 55%, 75%, 90% or Target pulse(Drawing H).
Computer will automatically calculate user's age and come up with certain target bpm.
User may set up workout time and press START/STOP button to start exercise.



Drawing G

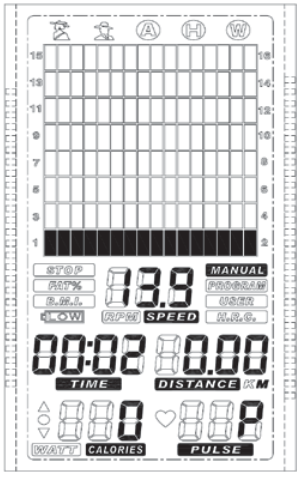
Drawing H

(5) **Manual mode**

In main menu, user may press START/STOP to start workout in manual mode. All exercise value (TIME/ SPEED / DISTANCE / CALORIES) will counting up from zero, and level can be adjusted during workout.

Manual :

Before exercise in Manual mode, user my set up LEVEL, TIME, DISTANCE, CALORIES and PULSE target by press UP or DOWN to upward or downward.(Drawing I)

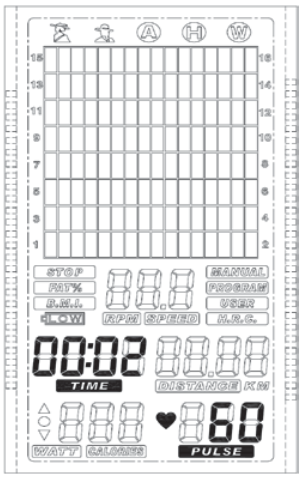


Drawing I

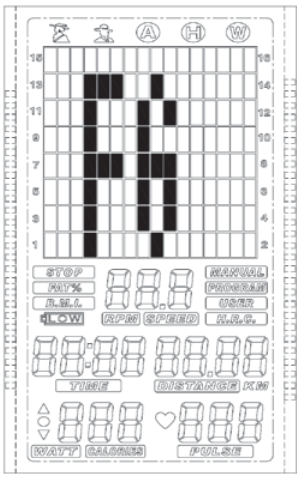
(6) **RECOVERY:**

After exercising for a period of time, keep holding on handgrips and press “RECOVERY” button. All function display will stop except “TIME” starts counting down from 00:60 to 00:00. (Drawing J)

Screen will display your heart rate recovery status with the F1,F2….to F6. F1 is the best, F6 F6 is the worst. User may keep exercising to improve the heart rate recovery status. (Press the RECOVERY button again to return the main display.)(Drawing K)



Drawing J



Drawing K

【NOTE】

1：This computer require 9V, 500ma adaptor.

2：When user stop pedaling for 4 minutes, computer will enter into power save mode, all setting and exercise data will stored until user start exercise again.

3：When computer act abnormal, please plug out the adaptor and plug in again.