

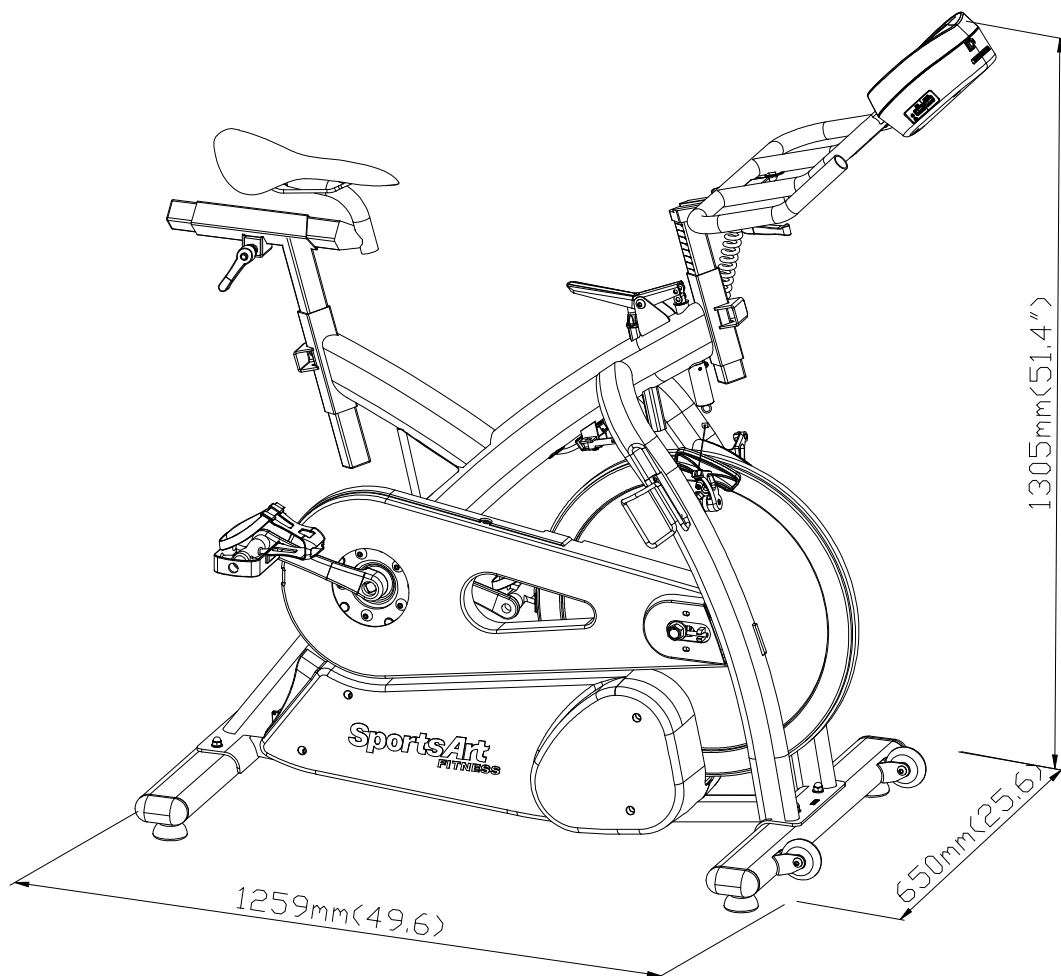
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1. INTRODUCTION

Congratulations on your purchase of one of the finest exercise products on the market today, the G510 Eco-cycle. Constructed of high quality materials and designed for years of reliable usage, this product was made to become an integral part of your commercial fitness venue.

Before this product is assembled or operated, we recommend that you familiarize yourself with this manual. Understanding the correct assembly and operation of this product will help ensure that exercisers obtain their fitness goals safely and successfully.



2. SAFETY PRECAUTIONS

Your SportsArt bike was designed and built for optimum safety. However certain precautions apply whenever you use your bike.

Please read the entire manual before assembly and operation. Also, please note the following safety precautions:

- Read and follow all cautionary messages and warnings in this manual. Obtain instructions on the proper user of this machine prior to exercising. Use appropriate body positioning and controlled movements.
- To address your particular needs and physical condition, consult your physician before beginning any exercise program.
- Assembly and operate this product on a solid, level surface. Do not use outdoors or near water.
- Never allow children on or near the equipment.
- Make sure all fasteners are properly tightened for safety. DO NOT use the product if the unit is disassembled in any way.
- Keep your head, body, limbs, and fingers clear of all moving parts.
- If at any time during exercise you feel faint, dizzy, or experience pain, stop exercising and consult your physician.
- DO NOT wear loose or dangling clothing while using the equipment. Keep away from all moving parts.
- User care when mounting and dismounting the unit.
- DO NOT use any accessories that aren't specifically recommended by the manufacture. Aftermarket accessories might cause injuries or cause the unit to fall.
- Close supervision is necessary when this product is used by, on, or near adolescents, invalids and disabled persons.
- Use this product only for its intended use as described in this manual.
- Never operate this product if it has been damaged in any way. If it is not working properly or has been dropped or damaged, contact your dealer. DO NOT attempt to fix a broken or jammed machine. Contact a qualified fitness product technician.
- Never drop or insert any object into any opening.
- Ensure that an area of 2000 x 1000 mm behind the exercise bike is free of obstacles.
- The general user weight limit for this bike is 150kg (330lb).

2. SAFETY PRECAUTIONS (CONTINUED)

Caution

If you feel any pain or abnormal sensation, STOP YOUR WORKOUT and consult your physician immediately. Work within your recommended exercise level. DO NOT work to exhaustion.

Before beginning any exercise program, you should consult with your doctor. It is recommended that you undergo a complete physical examination.

Note: This equipment has been tested and found to comply with the limits for a 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 the user desires to correct such interference, it is at the user's own expense.

Warning

Heart rate monitoring systems may be inaccurate. Over exercise may result in serious injury or death. If you feel faint, stop exercise immediately and consult a medical physician.

2. CONSIGNES DE SÉCURITÉ

- Votre vélo SportsArt a été conçu et fabriqué afin d'assurer une sécurité optimale. Cependant certaines précautions s'appliquent chaque fois que vous utilisez votre vélo de course.
- Lisez entièrement le manuel avant l'assemblage et l'utilisation. Veuillez aussi noter les consignes de sécurité suivantes:
- Veuillez lire attentivement les instructions et installer le vélo de course selon les instructions.
- Assemblez et faites fonctionner le vélo sur une surface solide et plane; NE PAS l'utiliser à l'extérieur ou près de l'eau.
- En aucun cas, ne laissez des enfants à proximité ou sur le vélo.
- Vérifiez le vélo de course avant chaque utilisation. Assurez-vous que toutes les pièces sont assemblées, et que tous les éléments de fixation sont serrés. NE PAS utiliser le vélo de course si l'appareil est démonté de quelque façon.
- Gardez vos mains loin des pièces mobiles.
- Portez des vêtements d'entraînement appropriés; NE PORTEZ PAS de vêtements amples. NE PORTEZ PAS de chaussures à semelles en cuir ou à talons hauts. Attachez les cheveux longs. Ne marchez pas pieds nus sur l'appareil.
- Soyez prudent lors du montage et démontage de l'appareil.
- Le vélo peut s'arrêter ou ne s'arrêter pas immédiatement si quelque chose obstacle le mouvement.
- NE PAS utiliser d'accessoire non spécifiquement recommandé par le fabricant. Car cela pourraient provoquer des blessures ou entraîner une panne de l'appareil.
- Une surveillance étroite est nécessaire quand le vélo est utilisé par ou à proximité d'enfants, de malades ou de personnes handicapées.
- Utilisez le vélo de course uniquement pour l'usage prévu dans ce manuel.
- N'utilisez jamais le vélo de course s'il a été endommagé de quelque façon que ce soit. S'il ne fonctionne pas correctement, ou s'il est tombé ou endommagé, contactez votre vendeur.
- Veillez à ce qu'aucun orifice de ventilation ne soit obstrué.
- Ne faites jamais tomber ou n'insérez jamais d'objet dans les orifices.
- NE PAS l'utiliser là où des produits aérosols (vaporisés) sont utilisés ou lorsque de l'oxygène est administré.
- La limite de poids de l'utilisateur pour cet vélo est de 150 Kgs (330 lbs). NE PAS transporter le vélo de course par le cordon d'alimentation et n'utilisez pas le cordon comme poignée.
- Maintenez le cordon éloigné de toute surface chaude.
- Débranchez l'appareil de la prise avant l'entretien ou la suppression de toute pièce.
- Pour diminuer le risque de choc électrique, débranchez toujours ce vélo de course de la prise de courant, immédiatement après utilisation et avant le nettoyage.

2. CONSIGNES DE SÉCURITÉ (SUITE)

Ce vélo n'est pas destiné à être utilisé par des personnes (y compris des enfants) dont les capacités physiques, sensorielles ou mentales sont réduites ou qui ne disposent pas de l'expérience ou du savoir nécessaires, sauf si celles-ci ont au préalable été formées eu égard à l'utilisation de ce vélo par une personne responsable de leur sécurité. Les enfants doivent être encadrés afin d'empêcher qu'ils ne jouent avec le vélo.

ATTENTION

Si vous ressentez une douleur ou si vous avez une sensation anormale, **ARRÊTEZ VOTRE ENTRAÎNEMENT** et consultez immédiatement votre médecin. Entraînez-vous à votre niveau d'exercice recommandé. **NE PAS** s'entraîner jusqu'à l'épuisement.

Avant de commencer un programme d'exercice, vous devriez consulter votre médecin. Il est recommandé de faire un examen physique complet.

Remarque: Ce matériel a été testé et déclaré conforme aux normes des appareils digitaux de, conformément à la partie 15 du Règlement de la FCC. Ces limites sont conçues pour offrir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle. Cet appareil génère, utilise, et peut diffuser des signaux radioélectriques, et, s'il n'est pas installé et utilisé conformément aux instructions, peut provoquer des interférences nuisibles aux communications radio. Cependant, il n'y a aucune garantie que des interférences ne se produiront pas dans une installation particulière.

Si l'utilisateur désire corriger les interférences, ces corrections seront à la charge de l'utilisateur.

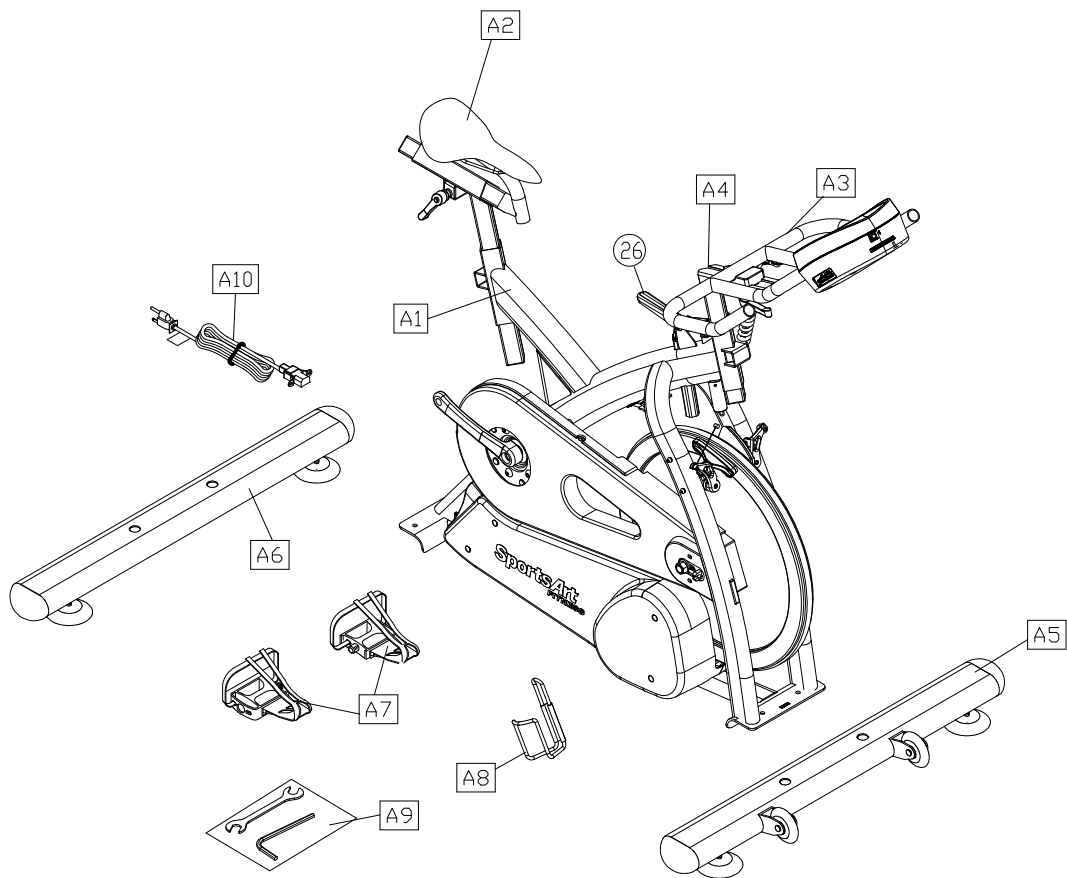
Dans ce manuel, les mots "gauche" et "droit" sont utilisés en référence aux pièces et au produit. Comme tels, les mots "gauche" et "droit" font respectivement référence aux côtés gauche et droit de l'exerciseur. De même pour plus de concision, le mot est utilisé dans certains cas où des rondelles, des vis et autres matériels sont associés.

ATTENTION!

Les systèmes de surveillance de la fréquence cardiaque peuvent s'avérer imprécis. Un entraînement excessif risque de nuire sérieusement à la santé ou d'entraîner la mort. En cas d'étourdissement, arrêtez immédiatement l'entraînement.

- Un branchement incorrect du connecteur de mise à la terre de l'équipement risque d'entraîner un choc électrique. En cas de doute sur la mise à la terre correcte de vélo, faites appel à un technicien ou un électricien qualifié. **NE PAS** modifier la fiche fournie avec l'elliptique, si elle ne correspond pas à la prise, faites installer une prise adéquate par un technicien qualifié.
- Les enfants doivent être encadrés afin d'empêcher qu'ils ne jouent avec le vélo.

3. LIST OF PARTS



Assembly Parts					
No.	Name	Qty.	No.	Name	Qty.
A1	Main frame	1	A6	Rear stabilizer tube	1
A2	Saddle	1	A7	Pedal	1
A3	Handlebar w/stainless slider	1	A8	Bottle cage	1
A4	Stainless Handle bar post	1	A9	Hardware kit	1
A5	Front stabilizer tube	1	A10	Power cord	1

Components in the Hardware Kit				
No.	Name	Qty.	Specification	Notes
	L-shaped Allen wrench	1	M4	
	Open-end wrench	1		
	Fuse	1	5A 250V	

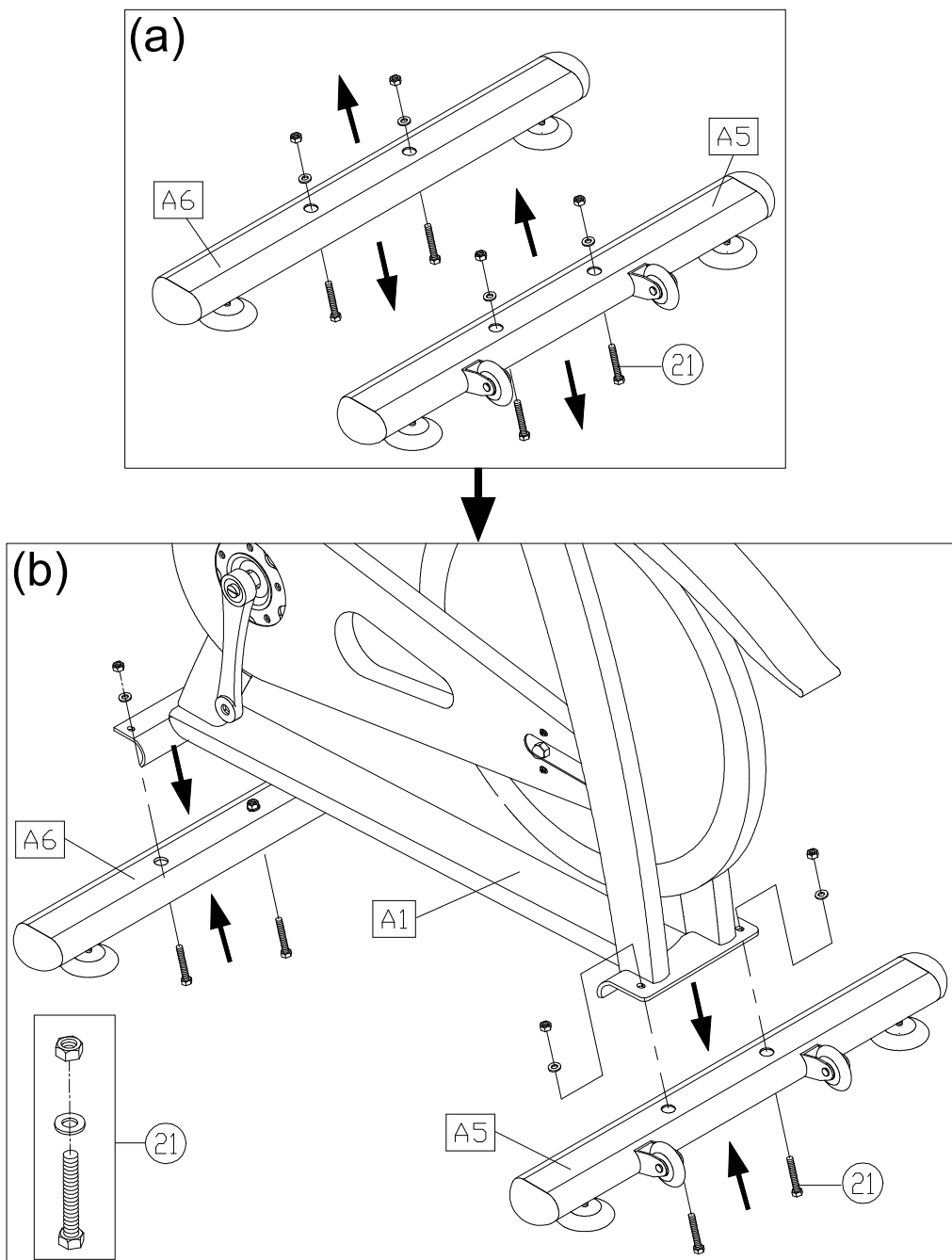
Components on the Product			
No.	Name	Specification	Notes
21	Stainless nut for stabilizer tube		
	Stainless washer for stabilizer tube		
	Fixing bolt for stabilizer tube		
22	Handlebar release lever		
23	Stainless screw for bottle cage		
24	Stainless screw for bottle cage		
	Stainless washer for bottle cage		
26	Brake handle		

4. ASSEMBLE THE PRODUCT

Follow instructions below to assemble this product. Note that in this manual the words “left” and “right” are used to refer to the product and its parts. As such, these designations correspond to the “left” and “right” sides of a person in position to exercise on this product. Also, for brevity, the word “screws” is used where screws, washers, and other hardware may be involved.

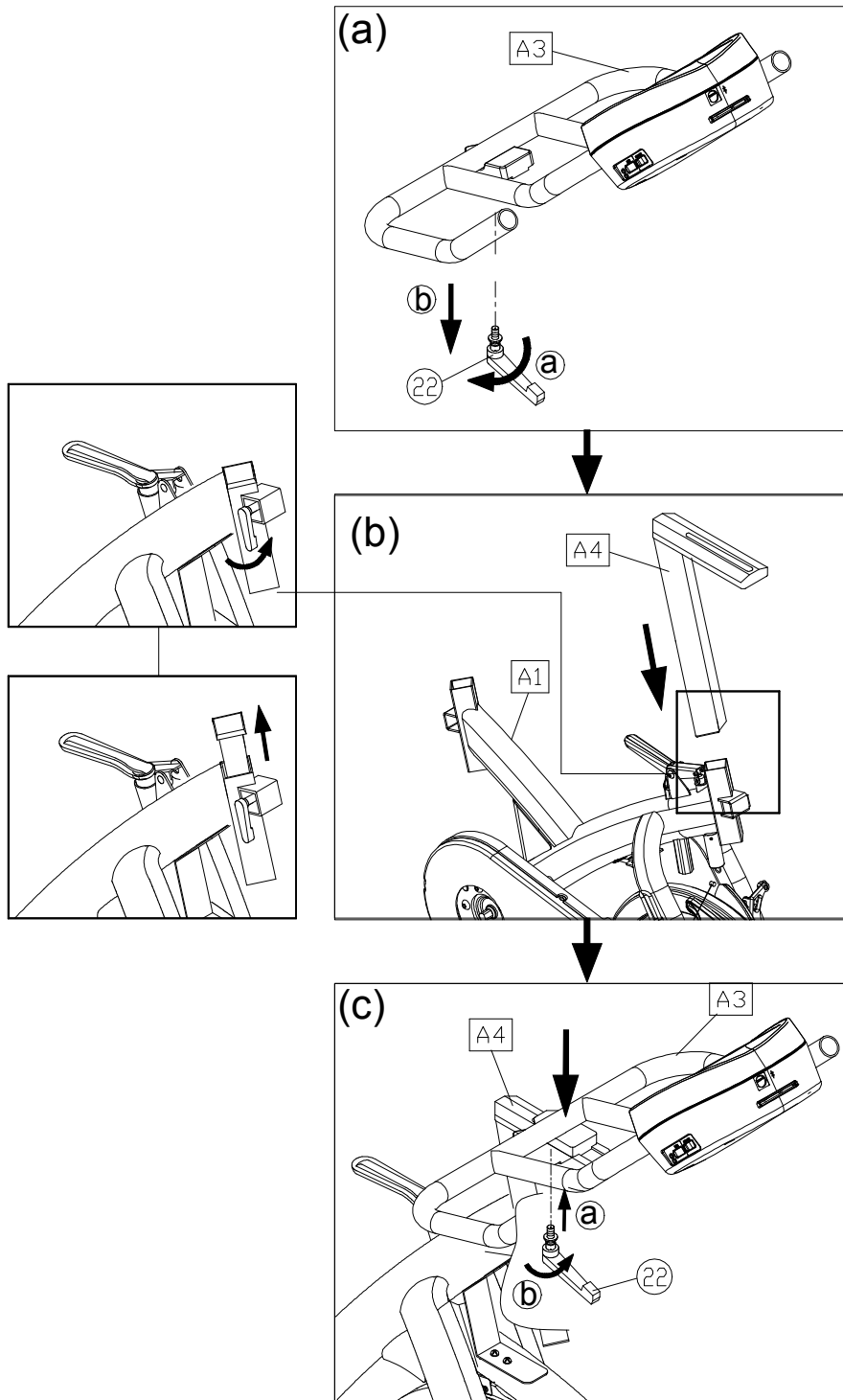
STEP 1 Install the Stabilizers

- (a) Remove screws (21) from the front and rear stabilize tubes (A5) (A6).
- (b) Use screws (21) to secure front and rear stabilizer tubes (A5) (A6) onto the main frame (A1).



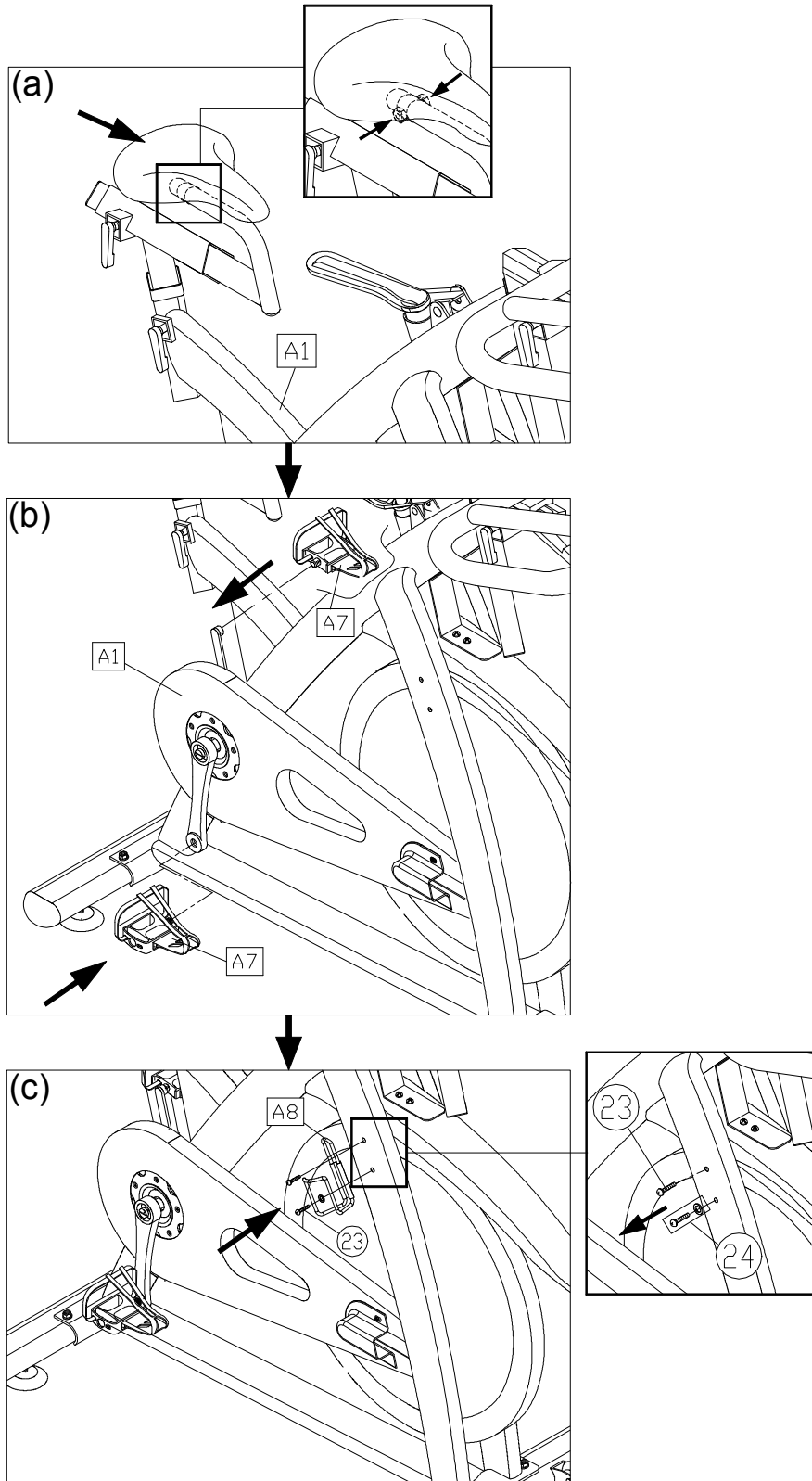
STEP 2 Install the Handlebar

- (a) Remove the handlebar release lever (22) from the handlebar w/stainless slider (A3) in order of "a" to "b" shown on the figure.
- (b) Rotate to release the set knob. Remove the filler tube, and insert the stainless handlebar post (A4) into the main frame (A1). Then rotate to secure the set knob.
- (c) Assemble the handlebar w/stainless slider (A3) onto the stainless handlebar post (A4) in order of "a" to "b" shown on the figure.. Then secure the handlebar release lever (22)



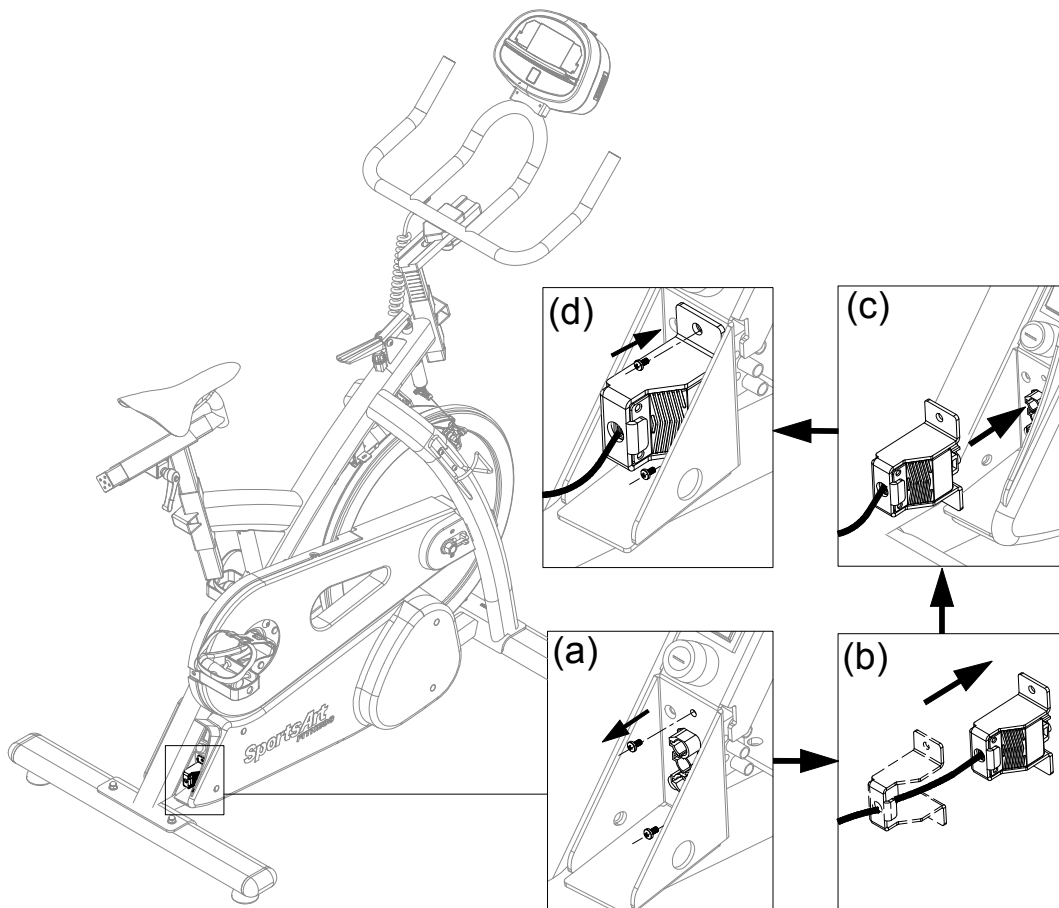
STEP 3 Install the Saddle & Pedals

- (a) Install the saddle (A2) onto the main frame (A1). Then secure the saddle (A2) nuts on both sides.
- (b) Secure pedals (A7) onto the cranks.
- (c) Remove screws (23) (24) from the main frame (A1). Then secure the bottle cage (A8) into place.



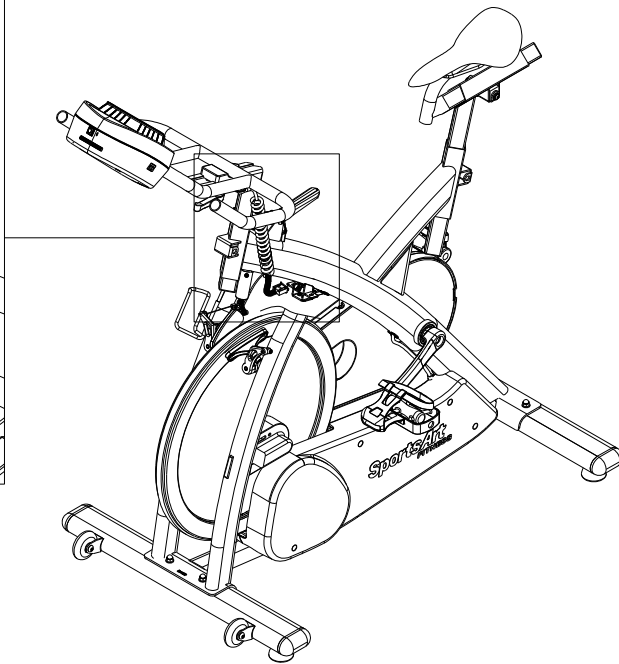
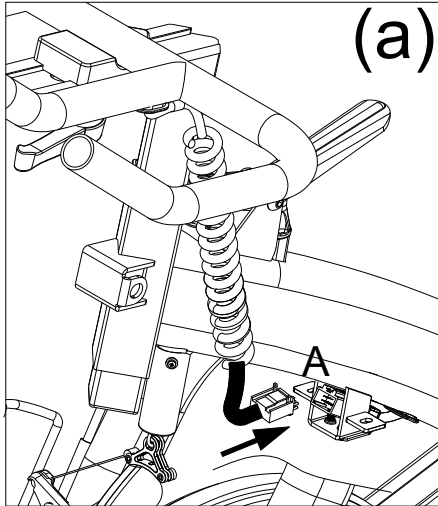
STEP 4 Install the Power cord

- (a) First remove screws from the power cord socket on the product.
- (b) Place the power cord bracket all the way next to the frame.
- (c) Insert the power cord into place on the product.
- (d) Put the screws back and tighten them.



STEP 5 Connect the Cable

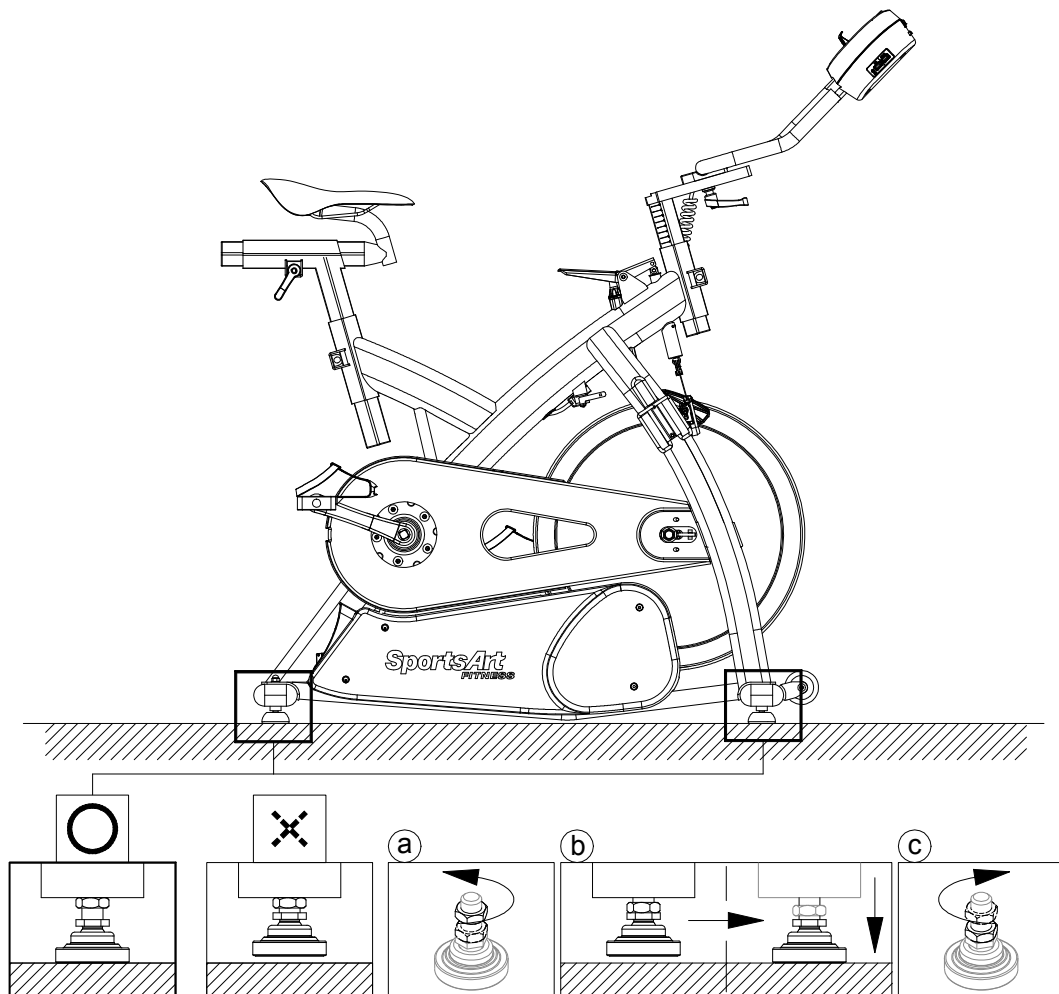
- (a) Pull the cable from the console and connect it to the cable receptor locates on the frame at A location.



STEP 6 Level the Bike

For the user's safety and the proper functioning of the product, this bike must sit level on a flat floor. If necessary, adjust the levelers by following instructions (a) through (c) below.

- (a) Loosen the leveler nut.
- (b) Rotate the leveler foot downward so it firmly touches the floor.
- (c) To secure this position, secure the leveler nut against the product frame.

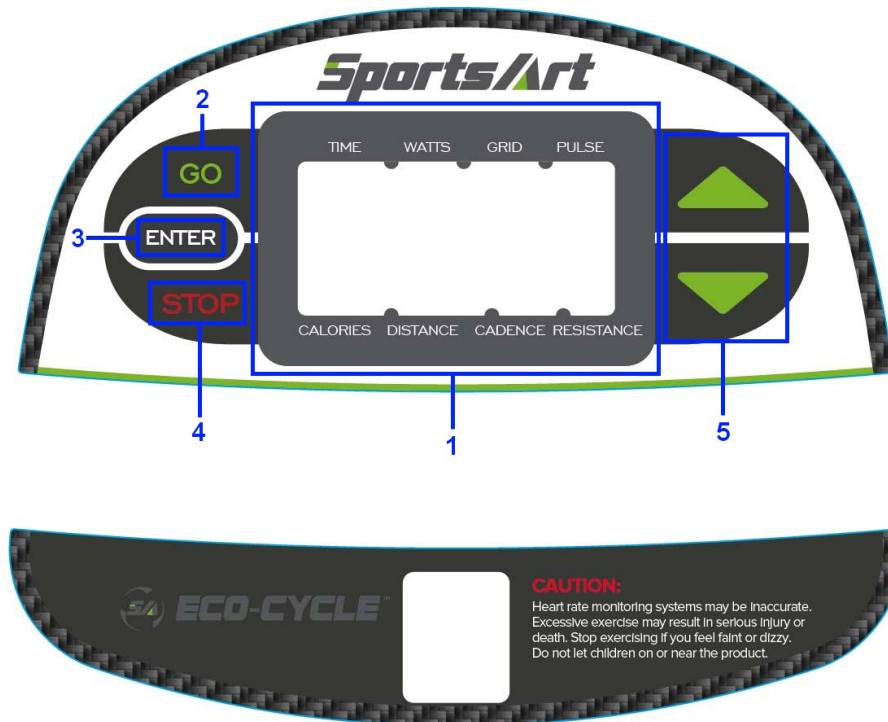


STEP 7 Proper Usage

- (1) Model G510 is designed to be used as a “spin” cycle in fitness studios and health clubs. It has a fixed, wheel-driven flywheel, and should only be used under professional supervision.
- (2) It is important that the G510 is correctly assembled. We recommend that a qualified installer assemble the bike.
- (3) Handlebar and seat adjustment. It is important that the handlebar and seat are set at the correct height for your body. If necessary, ask your instructor for assistance. To adjust the handlebar height, undo the release lever where the handlebar post fits into the frame. Slide the handlebar post up or down to the required height and retighten the release lever. Make sure the handlebar is secure, with no lateral or vertical movement. The handlebar position can be adjusted forward or backward. Undo the release lever located below the handlebar slider. Slide the handlebar assembly forward or backward until you reach the required position. Then securely tighten the release lever.
- (4) Seat height adjustment. Undo the release lever located where the seat post fits into the frame. Adjust the seat to the required height. Then retighten the release lever. Make sure the lever is tight enough to prevent the seat from twisting side to side. The seat position can be adjusted forward and backward. Undo the release lever located beside the seat slider. Loosen the release lever, slide the seat to the required position, then retighten the release lever.
- (5) Pedal and toe straps. Your feet should be securely positioned in the toe clips during exercise. Put your foot as far forwards as possible into the toe-clip, and pull the strap tight.
- (6) The G510 should operate on a level surface with no lateral movement. There is a height adjustment pad underneath both sides of the foot tube. Rotate these pads upward or downward until the bike is totally stable on the ground.
- (7) To stop the wheel quickly, engage the emergency brake by pressing its handle down.

5. UNDERSTAND THE G510 DISPLAY

DISPLAY Overview



1. Workout data display
2. Go button
3. Enter key
4. Stop key
5. Setting and resistance adjusting keys

DISPLAY Specifications

1. Time: 0:00 - 300:00
2. Human Watts: 0 – 9999
3. Watts to the Grid: 0 - 270
4. Pulse: 40 - 250bpm
5. Calories: 0 - 9999 kcal
6. Distance: 0.00 - 9999 km or mile
7. Cadence: 5 - 150
8. Resistance level: 1 - 40
9. Age: 10 - 99 years (default value: 35 years old)
10. Weight: 50 - 500lb (default value: 165lb) or 20 - 227kg (default value: 75kg)

DISPLAY Windows

Data display window: it will display the instruction messages as well as workout data..

DISPLAY Keys

1. During Banner mode, press “GO” button to enter user setting.
2. STOP button:
 - Press STOP button during exercise, it will end program and enter summary.
 - Summary display will show the acuminated workout data.
 - Press and hold STOP button for 2 seconds will reset the console and enter the Banner mode.
3. ENTER: Press ENTER key to confirm the setting adjustment.
4. ▲/▼: Press these keys to adjust the value of settings; such as age, weight, time..., during user setting. Press these keys to adjust the workout level during exercising with 1 level increment at a time.

6. OPERATE THE PRODUCT

OPERATION Banner Mode

After power on, the display will show “G510”; see below.



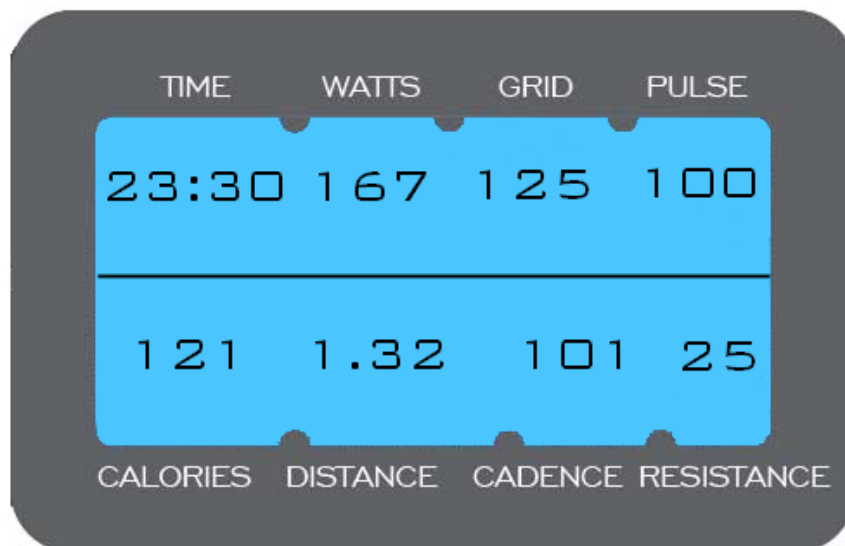
OPERATION User Settings

1. Press GO button during Banner mode will prompt the user setting procedure and start with age setting.:
2. The age setting range is from 10 to 99, with a default value of 35 years old. Use ▲/▼ keys to make your selection. Press the ENTER key to confirm your setting and proceed to the weight setting.
3. The weight setting range is from 50 to 500 lb. (20 to 227 kg), with a default setting of 165 lb. (75 kg). Use ▲/▼keys to make your selection. Press the ENTER to confirm your setting and proceed to the time setting.
4. The TIME setting range is from 5:00 to 300:00, with a default value of 30:00. Use ▲/▼ keys to make your selection. Press the ENTER key to confirm your setting and start exercising.

OPERATION Display

Workout display during exercise:

- Level will start with level 1.
- Watts to the Grid display: it will display the current power being generated and fed to the grid during exercise.
- When STOP button is pressed during exercise, it will end the exercise and go to Summary display.



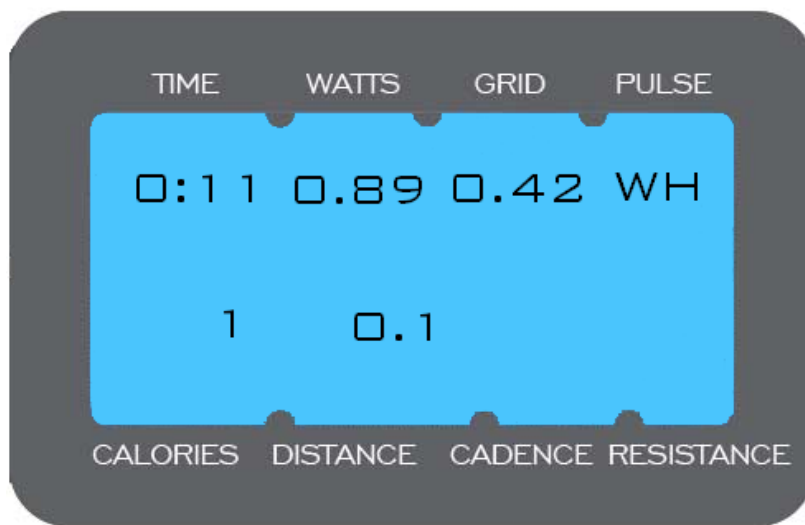
OPERATION Cool Down

Once the workout time is reached, the product will enter a two-minute cool down period. The display will display “COOL DOWN” and it will count down from 2:00 to zero. You may press STOP button to end the cool down and enter Summary.

OPERATION Review Summary

When the countdown reaches zero, the cool down period will end. The display will show “SUMMARY”, then will display the accumulated workout information. Press the STOP key to return to Banner mode.

Summary display

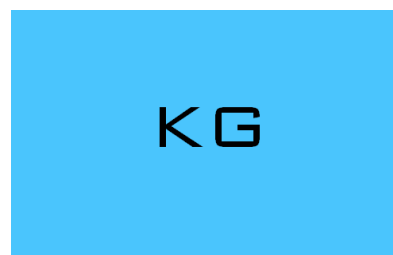
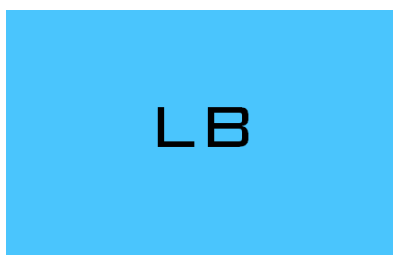


OPERATION User Preferences

Basic settings determine units of measure and show total distance and time, along with display and drive board program version numbers. To access this information, at the startup banner screen, hold the ENTER key for 3 seconds.

UNITS

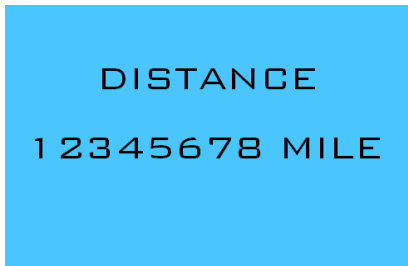
The default unit is English. The display will show “LB” for English and “KG” for Metric. Press ▲/▼ keys to toggle between the two settings. When your preference appears, press the ENTER key to make your selection.



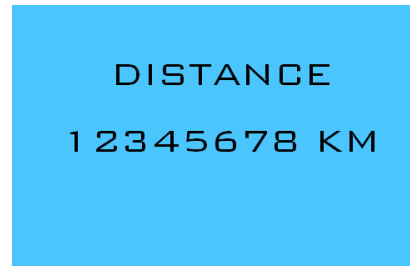
OPERATION User Preferences (Continued)

TOTAL DISTANCE

According to the speed unit setting, total distance will appear as either “DISTANCE – XXXXXX MILE” or “DISTANCE – XXXXXX KM”. Press the ENTER key to view total time.



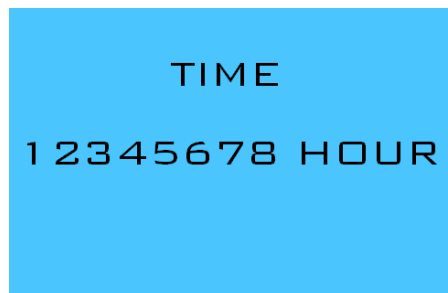
DISTANCE
1 2 3 4 5 6 7 8 MILE



DISTANCE
1 2 3 4 5 6 7 8 KM

TOTAL TIME

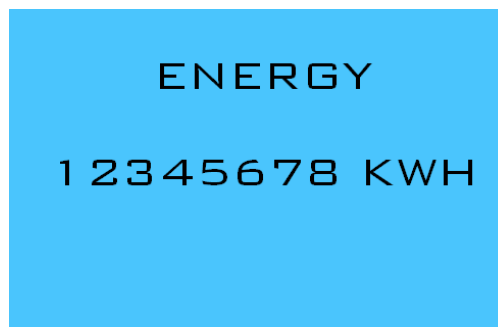
Total time of use will appear as “TIME – XXXXXX HOUR”. Press the ENTER key to view the display total Energy produced.



TIME
1 2 3 4 5 6 7 8 HOUR

WATT HOURS PRODUCED

Total energy production will appear as “ENERGY- XXXX.XX KWH”. Note that the units of measure are kilowatt hours. Press the ENTER key to proceed to view the display board version.



ENERGY
1 2 3 4 5 6 7 8 KWH

DISPLAY PROGRAM VERSION

The display program version will appear as “CTL G510 – XX”, where XX represents either letters or numbers. Press the ENTER key to view the drive board program version.

OPERATION User Preferences (Continued)



CTL G510 - 1A

DRIVE BOARD PROGRAM VERSION

The drive board program version will appear as “MI - XX-YYYY”, where XX and YYYY represent either a letter or a number. Press the ENTER key to finish the review and return to Banner mode.



MI - 1A - 3011

You may press STOP key at anytime during this process to reset the console and back to Banner state.

7. ACCESSORIES

There are accessories attached to this console; some are standard and some are optional. The following explains the details of each accessory and its function.

USB CHARGER (Standard)

The USB charger will provide 5V 500mA voltage for devices charging. However it is not compatible iPad. Check the device for charging details.

CSAFE PORT (Standard)

Compatible with CSAFE (Communications Specification for Fitness Equipment) Protocol. It works with optional Netpulse Personal Entertainment System as well as ECOFIT System.

SA WELL+ Member System (Option)

This is a system designed specially by SportsArt to assist user managing the workout history. There are two ways to get connected with the member site:

1. Use Bluetooth/WIFI in the smart phone and SA WELL+ App.
2. Use USB Flash Drive to store the workout data.

8. MICRO INVERTER MI-250

MICRO INVERTER Important Safety Instructions



CAUTION

These servicing instructions are for use by qualified personnel only. To reduce the risk of electric shock, do not perform any servicing other than that specified in the operating instructions unless you are qualified to do so.

PRUDENCE!

Ces instructions d'entretien sont uniquement destinées à un personnel qualifié. Pour réduire le risque de choc électrique, ne pas effectuer un autre service que celui spécifié dans les instructions de fonctionnement, à moins que vous soyez qualifié pour le faire.

To lower the risks involved in the assembly and operation of this inverter, please carefully note the meaning of the following warning symbols, abide by their messages, and thoroughly read these instructions.



This WARNING symbol indicates a risk of electric shock. Please use extreme caution when processing the procedure.



This CAUTION symbol identifies an improper operation that could result in critical safety issue or damage to the user or devices.

MICRO INVERTER Cautionary Messages

To lower the risks involved in the assembly and operation of this inverter, please follow the intent of these messages.



CAUTION

Plates are live. Disconnect unit before servicing. No user serviceable parts inside. Refer servicing to qualified service personnel.

ATTENTION!

Les plaques sont à nu. Débrancher l'appareil avant son entretien. Aucune pièce n'est réparable par l'utilisateur. Faire appel à un réparateur qualifié pour toute intervention de dépannage.

MICRO INVERTER Cautionary Messages (Continued.)



WARNING

Power fed from more than one source. Each circuit must be individually disconnected before servicing. Do not remove cover until 5 minute after disconnecting all sources of supply.

AVERTISSEMENT!

L'alimentation provient de plus d'une source. Chaque circuit doit être coupé avant toute intervention de dépannage. Attendre 5 minutes avant de retirer le couvercle une fois toutes les sources d'alimentation coupées.



CAUTION

Perform all electrical installations in accordance with all applicable local electrical codes and the National Electrical Code (NEC), ANSI/NFPA 70.

PRUDENCE!

Effectuer toutes les installations électriques en conformité avec les règlements locaux en vigueur et du Code National de l'Electricité (NEC), ANSI/NFPA 70.

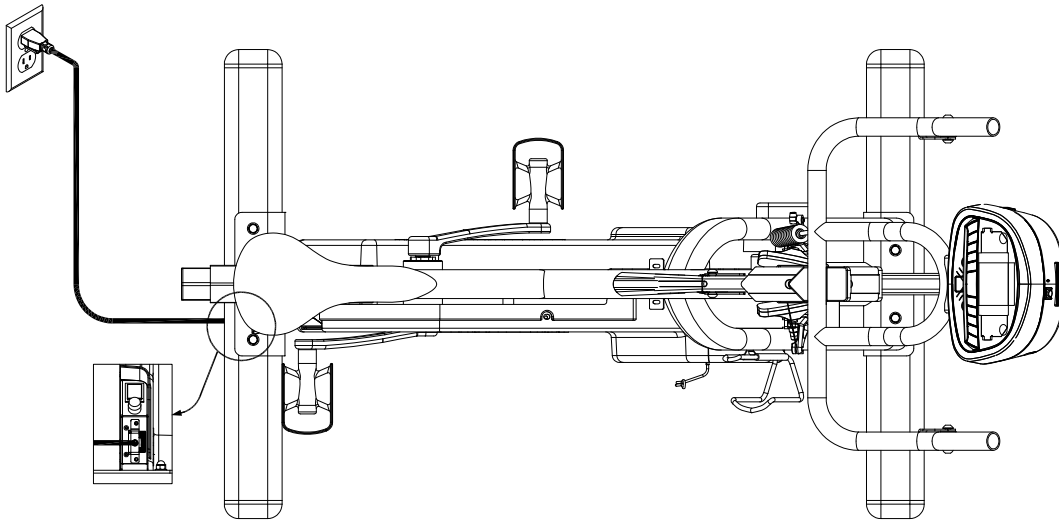
MICRO INVERTER Electronic Specifications

Input Data(3 Phase AC)	
Input power source	3 Phase permanent-magnet generator
Maximum input voltage	140V(line-to-line voltage)
Nominal operating voltage range	55-125V(line-to-line voltage)
Maximum input current	7A(line current)
Output Data(single phase AC)	
Maximum continuous output power	220W
Output power factor rating	>0.9
Nominal voltage(Operating range)	120VAC(105.6-132.0V) (for USA) 230VAC(184.1-264.4V) (for EU)
Maximum continuous output current	2.0A(fro 120V) (for USA) 1.3A(fro 230V) (for EU)
Normal output frequency(Operating frequency range)	60Hz(59.3~60.5Hz) (for USA) 50Hz(47.4~50.1Hz) (for EU)
Utility interconnection voltage and Frequency trip limits and trip times	0.16s (for USA) 0.2s(for EU)
Maximum units per branch	7 (for USA, 15A branch system) 9 (for EU, 10A branch system)
Output controlling method	The LEVEL command of panel controller
Others	
Normal operation temperature range	+5°C~+35°C
Storage temperature range	+5°C~+40°C
Enclosure Rating	Type 1:"indoor use only"
Application	For SportsArt device only

MICRO INVERTER Circuit Board & Product Settings

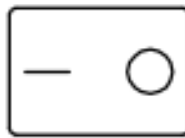
Connecting to grid power:

After MI-250 is installed into Eco-Powr products, the power can be linked to grid power through product power cord, as shown in the following figure. Attention: it is necessary to cover the power cord and product connecting area with a metal cover. Turn the product power switch to OFF and unplug the power cord from the wall outlet before pulling the plug from the product. If the plug is pulled while it is connecting to the power grid, it might cause the electric arc and damage the plug



Product power switch:

There is no indicator light on the Eco-Powr products. Pay attention to the symbol of “I/O” while turning power on and off. When “-” is pushed down, the power is ON and when “O” is pushed down, the power is OFF.



The number of products can be linked to a power circuit line: the max wattage output of MI-250 is 250W. Pay attention to the electricity capacity limit (the rating of over-current protective device) to avoid overload. Different area voltage limits are shown as the following table.

Local Grid voltage	The rating of the circuit	Number of products
230V	10A	9
220V	10A	8
120V	15A	7
110V	15A	6

9. MAINTENANCE

Maintenance topics are presented below in the following order: error messages, Product maintenance, schedule, task list, one-year maintenance log, and electronics block diagram.

MAINTENANCE Error Messages

ERROR_1_x, ERROR_2_x, ERROR_3_x, ERROR_4_x, ERROR_5_x and ERROR_6_x.

Error messages will appear on the display when the Micro Inverter detects an abnormality.

Error code explanations follow:

- ERROR_1_1_: System starting error
- ERROR_2_1_: IGBT over current (DC bus over current).
- ERROR_2_2_: IGBT too hot.
- ERROR_3_1_: AC power lost or power up after power off time is too short (If any of these two situations occurs, namely the island effect).
- ERROR_3_2_: AC power supply error.
- ERROR_3_3_: AC power frequency error.
- ERROR_3_4_: (reference error) AC neutral point error.
- ERROR_3_5_: (ground fault) AC ground failure.
- ERROR_4_3_: DC BUS voltage too high.
- ERROR_4_4_: DC BUS error.
- ERROR_5_1_: Force warm up.
- ERROR_5_2_: (Eng Stop) Force jump.
- ERROR_6_1_: Generator over current.
- ERROR_6_2_: Generator voltage error.
- ERROR_6_3_: Generator too hot.

Only when Error _3_1 occurs, it will be shown for 4 seconds, then return to Banner display; other errors will force the equipment to shut down and not operational. Turn off the power and follow the troubleshooting procedures to repair the equipment and resume its normal operation.

ERROR_8_x

Error messages will appear on the display when the Micro Inverter communication is abnormal.

Error code explanations follow:

- ERROR_8_1_: When power on, the communication to the Micro Inverter is abnormal.
- ERROR_8_2_: When power on, the communication to the Micro Inverter is normal, however an abnormality occurs during operation.

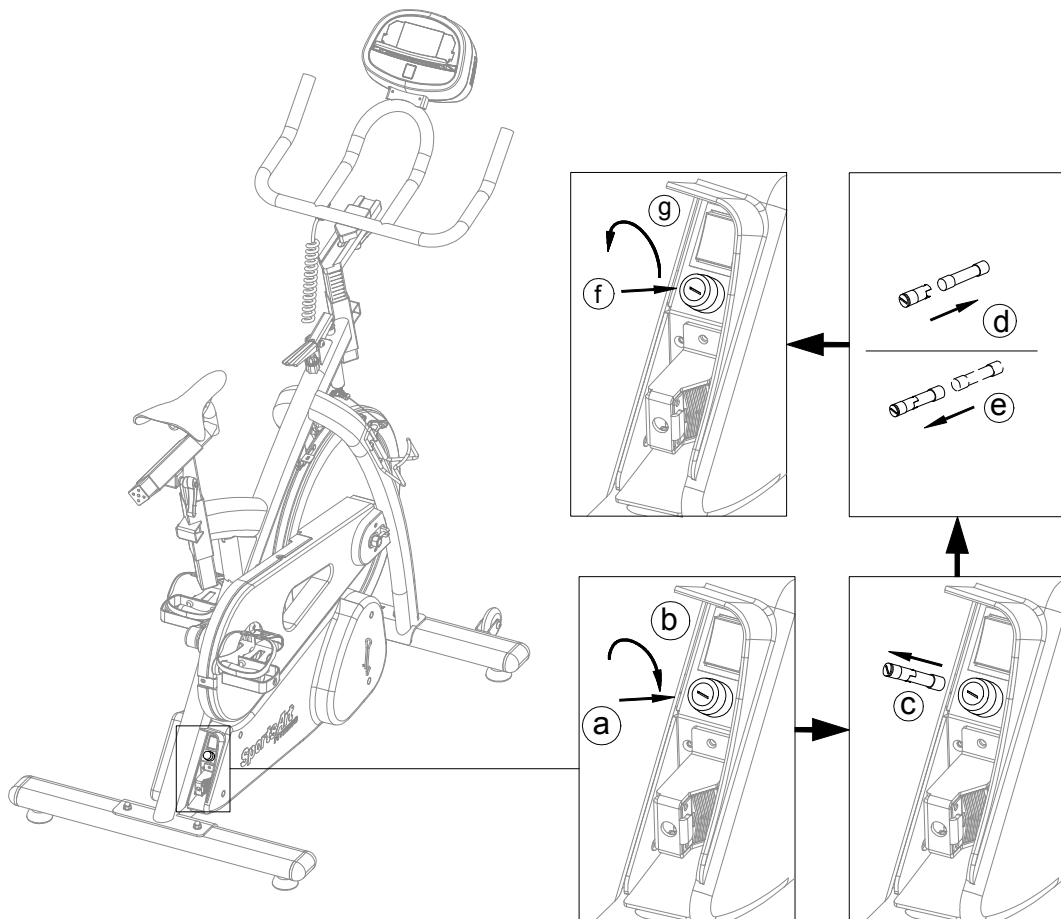
These two errors will disappear once the communication recovered.

MAINTENANCE Replace the Fuse

When the current is over limit, fuse will be burnt. In that case, following instructions (a) through (g) below to replace the fuse.

- (a) Use tool to press on the fuse.
- (b) Turn the fuse counter-clock wise.
- (c) Fuse and fuse holder will come out.
- (d) Remove the burnt fuse
- (e) Replace it with a new & same specification fuse.
- (f) Put the new fuse into fuse holder.
- (g) Use the tool to tighten the fuse holder back in place by turning it clock-wise.

Fuse specification: 110V: 5Amp, A(F) or 220V: 5Amp, A(F)



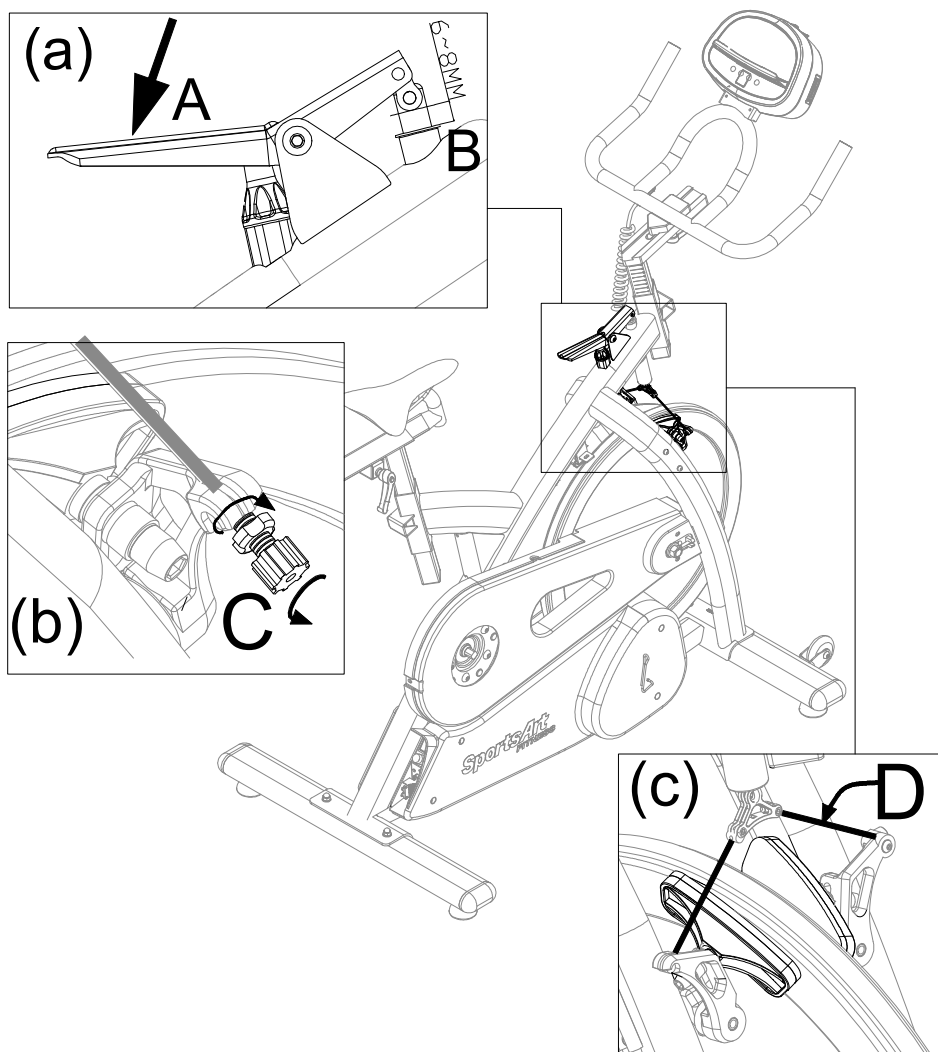
MAINTENANCE Product Maintenance

The most important part of the product maintenance is the braking system. There are brake cable and brake pad inspection and adjustment.

When there is an issue with braking system, such as takes too long to brake or can't brake at all, please follow below instructions to inspect the brake system and adjust it if necessary:

- (a) Press brake lever A all the way down, the distance between brake linage B should be around 6-8mm, see figure below. There should only be a little bit of braking at this time.
- (b) Follow the figure (b) below and loosen the outer nut and tighten the inner nut in area C to tighten the brake cable.
- (c) At this time, inspect the brake pad thicknes as well. If the brake pad is worn out and the thickness is only 3mm or less left, the brake pad will need to be replaced.

Always check the cable housing in area D when doing the adjustment as well. If the cable is still loose after adjustment, re-adjust it again and try. If the situation remains and/or the housing is worn, then replace the cable.



MAINTENANCE Schedule

This product may become unsafe when bolts or other parts become loose, or when there is excessive noise from the flywheel. Like any other mechanical device, the G510 should be maintained regularly. Ask your supplier about a regular maintenance program. Refer to the following maintenance chart.

	Task	Daily	Weekly	Monthly	Quarterly	Yearly
1	Wipe machine down	•				
2	Spray the frame with WD40	•				
3	Perform a visual check	•				
4	Check security of handle bar post & seat post	•				
5	Check security of saddle	•				
6	Check brake system for wear & proper alignment	•				
7	Remove handlebar post & clean tube		•			
8	Remove seat and clean tube		•			
9	Check brake adjustment		•			
10	Check security of all knobs & the release lever		•			
11	Check toe straps for signs of wear		•			
12	Check crank bolts and re-tighten		•			
13	Make sure pedals are screwed in		•			
14	Check belt tension			•		
15	Wipe a rust inhibitor on the flywheel, handlebar & seat tube set		•			
16	Check the bottom bracket				•	
17	Check flywheel bearings				•	
18	Perform a full frame inspection					•

MAINTENANCE Task List

Like cars, fitness products require maintenance. Regular maintenance extends product life, and failure to maintain products can void the manufacturer's warranty. Copy the maintenance log sheet, and record maintenance work for each fitness product.

Daily tasks

- Wipe machine down
- Spray the frame with WD40.
- Perform a visual check.
- Check security of handle bar post & seat post.
- Check security of saddle.
- Check brake system for wear & proper alignment.

Weekly tasks

- Remove handlebar post & clean tube.
- Remove seat and clean tube.
- Check brake adjustment.
- Check security of all knobs & the release lever.
- Check toe straps for signs of wear.
- Check crank bolts and re-tighten.
- Make sure pedals are screwed in.
- Wipe a rust inhibitor on the flywheel, handlebar & seat tube set.

Monthly tasks

- Check belt tension.

Quarterly tasks

- Check the bottom bracket.
- Check flywheel bearings.

Yearly tasks

- Perform a full frame inspection.

Caution

- Please follow standard safety precautions when servicing on this product
- Electronic components can carry an electrical charge even after the product has been turned off. For safety, turn off unit power. Wait five minutes to allow capacitors to discharge. Then disconnect the power cord from the wall socket (if applicable.) Only after such steps have been completed should covers be removed and electronic components accessed.
- Do NOT use cleaners with alcohol, ammonia, or other damaging chemicals. The use of such chemicals can damage the product and void the warranty. Never spray or pour any liquid directly onto the product. Doing so can damage electronic components and void the warranty.
- This product has moving parts that can be hazardous. Exercise caution when maintaining, operating, or moving this product.

MAINTENANCE One-Year Maintenance Log

Facility: _____ Supervisor: _____

Product model number: _____ Serial number: _____

Start date: _____ End date: _____

Daily Tasks	Weeks 1-7	Weeks 8-14	Weeks 15-21	Week 22-28
Completed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Daily Tasks	Week 29-35	Week 36-42	Week 43-49	Week 50-52
Completed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Weekly Tasks	Weeks 1-7	Weeks 8-14	Weeks 15-21	Weeks 22-28
Completed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Weekly Tasks	Weeks 29-35	Weeks 35-42	Weeks 43-49	Weeks 50-52
Completed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Monthly tasks	1	2	3	4	5	6	7	8	9	10	11	12
Completed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Quarterly Tasks	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Completed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Yearly Tasks	Year 1
Completed	<input type="checkbox"/>

Notes: _____

MAINTENANCE Warranty

This product carries the following guarantee against manufacturing defects:

- Warranty is only valid for the original purchaser.
- Labor and freight charges are not included.
- Normal wear, neglect, abuse, accidents, improper assembly or maintenance, or the installation of parts or accessories not compatible with the original intended use of the bike as sold, are not covered by the warranty.
- The warranty does not cover corrosion caused by failure to clean the bikes on a regular basis.
- This warranty is limited to the repair or replacement of the defective parts. The supplier shall in no event be responsible for consequential, special damages, and for part failures, breakages or injuries resulting from misuse of the machine or failure to follow the recommended maintenance procedures.
- Warranty claims must be placed through an authorized dealer, and replacement parts will normally be dispatched to you. We recommend you hold a small stock of spare parts, as well as a tool kit for regular maintenance.
- This Limited Warranty, the only expressed or implied warranty in effect, is applicable only to the original purchaser. Any implied warranties, including warranties of merchantability and fitness shall be limited in scope and duration in accordance with this limited warranty.

MAINTENANCE Electronics Block Diagram

