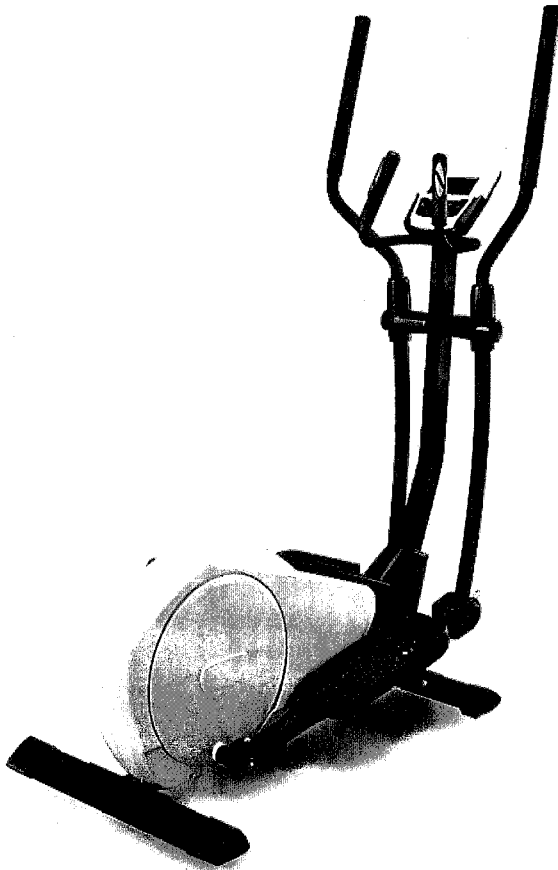


fuel
FITNESS



**FUEL 4.0 ELLIPTICAL
OWNER'S MANUAL**

PLEASE CAREFULLY READ THIS ENTIRE MANUAL BEFORE OPERATING YOUR NEW ELLIPTICAL

Safety Hints

WARNING - Read all instructions before using this appliance.

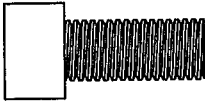
- Do not operate elliptical on deeply padded, plush or shag carpet. Damage to both carpet and elliptical may result.
- Keep children away from the elliptical. There are obvious pinch points and other caution areas that can cause harm.
- Keep hands away from all moving parts.
- Never operate the elliptical if it has a damaged cord or plug. If the elliptical is not working properly, call your dealer.
- Keep the cord away from heated surfaces.
- Do not operate where aerosol spray products are being used or where oxygen is being administered. Sparks from the motor may ignite a highly gaseous environment.
- Never drop or insert any object into any openings.
- Do not use outdoors.
- To disconnect, turn all controls to the off position, then remove the plug from the outlet.
- Do not attempt to use your elliptical for any purpose other than for the purpose it is intended.
- The pulse sensors are not medical devices. Various factors, including the user's movement, may affect the accuracy of heart rate readings. The pulse sensors are intended only as exercise aids in determining heart rate trends in general.
- Wear proper shoes. High heels, dress shoes, sandals or bare feet are not suitable for use on your elliptical. Quality athletic shoes are recommended to avoid leg fatigue.

SAVE THESE INSTRUCTIONS - THINK SAFETY!

CAUTION!! Please be careful when un-packing the carton.

Assembly Pack Check List

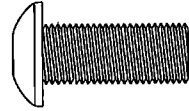
STEP 1.



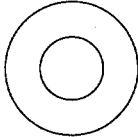
#102- 5/16" × 3/4" Socket Head Cap Bolt (9 pcs)



#53- M5 × 12 mm Phillips Head Screw (4pcs)



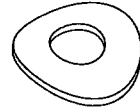
#43- 5/16" × 3/4" Button Head Socket Bolt (4pcs)



#44- 5/16" Flat Washer (8pcs)

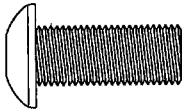


#46- 5/16" × 1.5T Split Washer (9pcs)



#45- 5/16" Curved Washer (1pc)

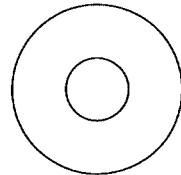
STEP 2.



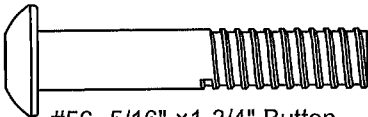
#43- 5/16" × 3/4" Button Head Socket Bolt (1pc)



#55- 5/16" Nyloc Nut (2pcs)

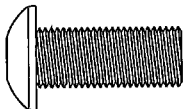


#100- 8.5x23x1.5T Flat Washer (1pc)



#56- 5/16" × 1-3/4" Button Head Socket Bolt (2pcs)

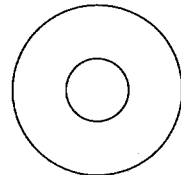
STEP 3.



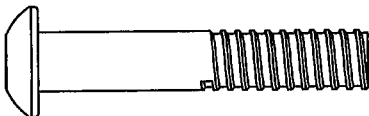
#43- 5/16" × 3/4" Button Head Socket Bolt (1pc)



#55- 5/16" Nyloc Nut (2pcs)



#100- 8.5x23x1.5T Flat Washer (1pc)



#56- 5/16" × 1-3/4" Button Head Socket Bolt (2pcs)



#52- 5 × 12mm Sheet Metal Screw (4pcs)

Assembly Pack Check List

STEP 4.



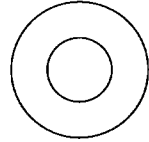
#30- 1/2" Nyloc
Nut (2pcs)



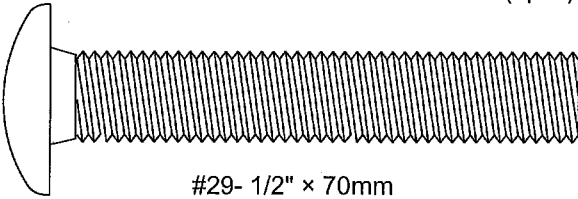
#46- 5/16" Split
Washer (2pcs)



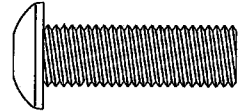
#52- 5 × 12mm
Sheet Metal Screw
(2pcs)



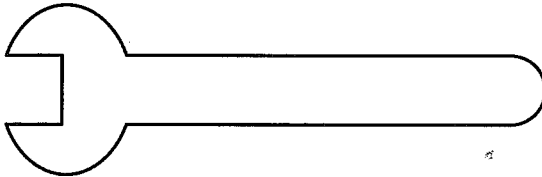
#44- 5/16" Flat
Washer (2pcs)



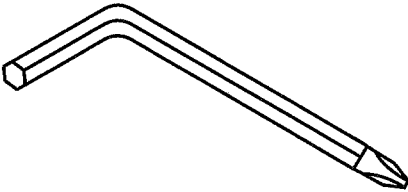
#29- 1/2" × 70mm
Carriage Bolt (2pcs)



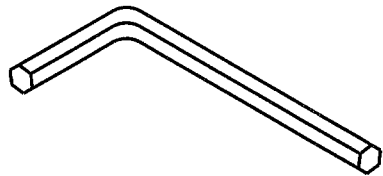
98- 5/16" × 1"
Button Head Socket Bolt
(2pcs)



#69- 19m/m Wrench (1pc)



#68- Combination M5 Allen Wrench &
Phillips Head Screw Driver (2pcs)

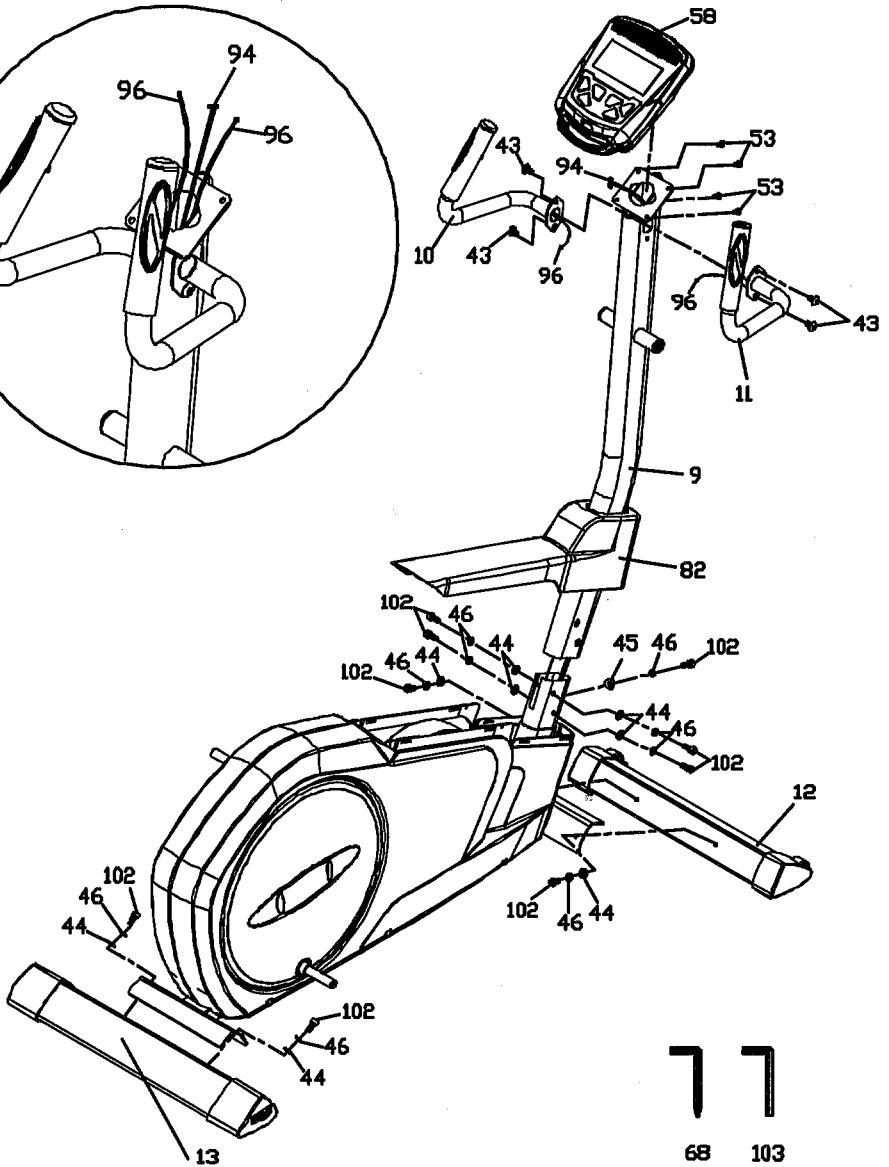
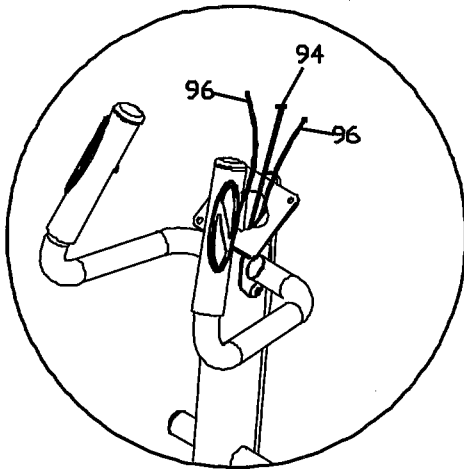


#103- 6 mm Allen Wrench (1pcs)

Assembly Instructions

STEP 1:

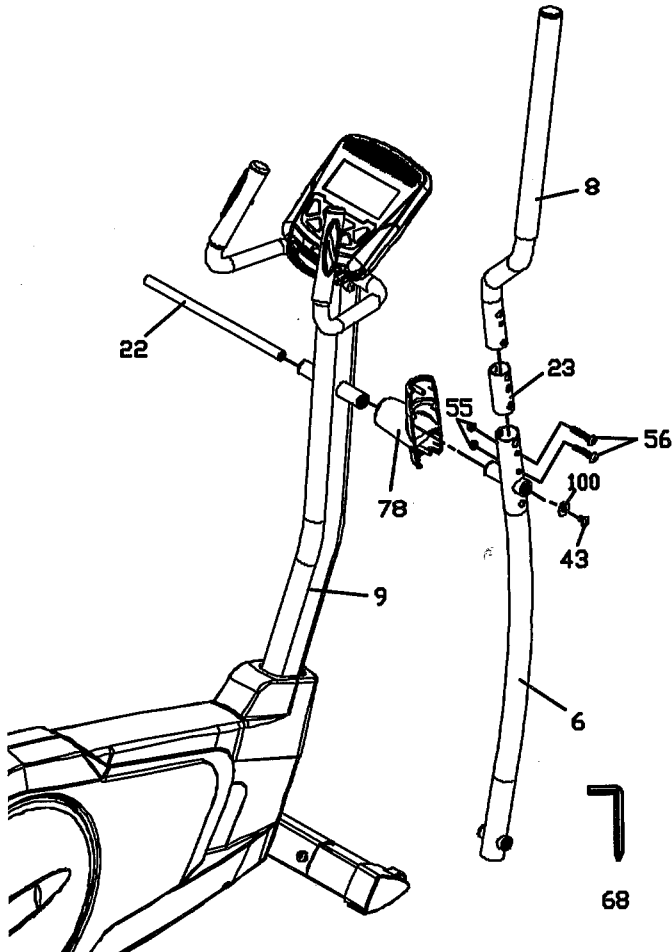
1. Locate the Console Mast (9) and slide on Console Mast Cover (82) Make sure the cover is facing the correct direction, as shown below, before sliding onto mast. Install the wiring harness (94) into the bottom of the mast and out the top. Be careful when installing the console mast to the mainframe so as not to pinch or cut the wiring harness; damage to the console may occur.
2. Install the console mast on the mainframe using the 6mm Allen Wrench (103) to tighten 5pcs of 5/16" Socket Head Cap Bolts (102) , 4pcs of 5/16" Flat Washers (44) , 5pcs of 5/16" Split Washers (46) and 1pcs of 5/16" Curved Washer (45). Snap the Console Mast Cover (82) in place on the body of the bike.
3. Route the hand pulse wires (96) from the stationary handle bars (10, 11) through Console Mast (9) as shown below. Use M5 Allen Wrench (68) to tighten 4pcs of 5/16" Button Head Socket Bolts (43) to secure both handles on the Console Mast (9).
4. Connect the cables (94 & 96) to the Console (58) and install console onto the Mast (9) with 4pcs of M5 × 12L Phillips head screws (53) by using the Phillips Head Screw Driver (68).
5. Secure Front Stabilizer (12) and Rear Stabilizer (13) with 4pcs of 5/16" Socket Head Cap Bolts (102), 4pcs of 5/16" Split Washers (46) and 4pcs of 5/16" Flat Washers (44) by using 6mm Allen Wrench (103).



77
68 103

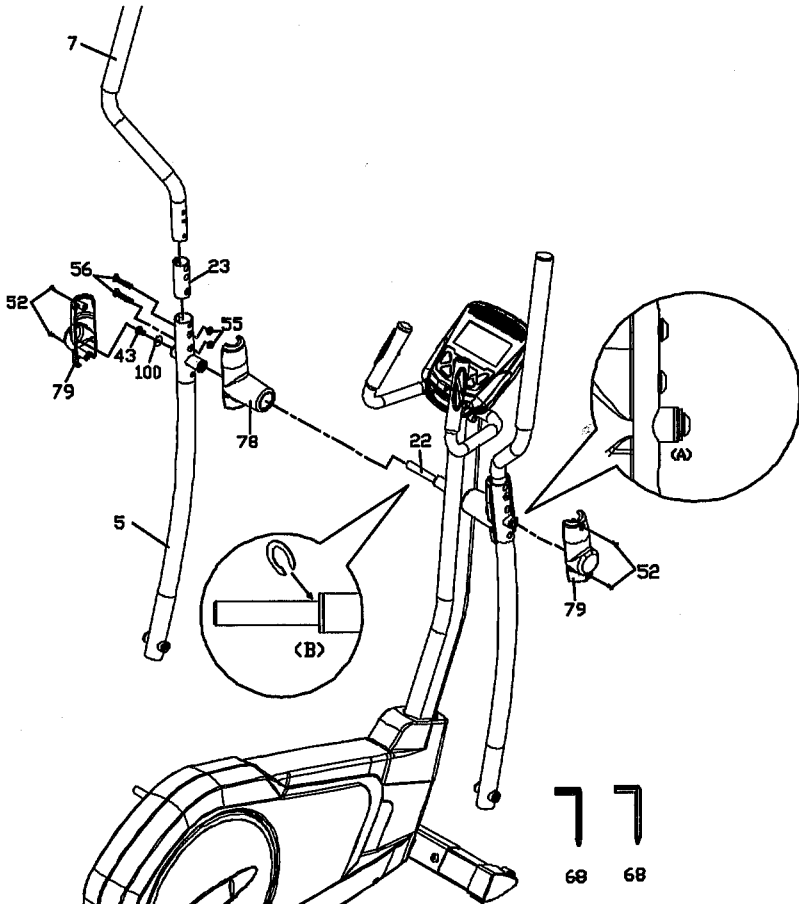
STEP 2:

1. Locate the Right Swing Arm (Upper) (8) and install it through the Swing Arm Bushing (23) and secure to the Lower swing arm (6). Use M5 Allen Wrench (68) to tighten 2pcs of 5/16" Button Head Socket Bolts (56) and 2pcs of 5/16" Nyloc Nuts (55) to the swing arm assembly.
2. Locate the Swing Arm Axle (22) and slide it through the console mast bushings, then through the Handle Bar Cover (78) and Lower swing arm (6). Use the M5 Allen Wrench (68) to tighten the 5/16" Button Head Socket Bolt (43) and 8.5mm x 23 Flat Washer (100) to secure to the Swing Arm Axle (22).



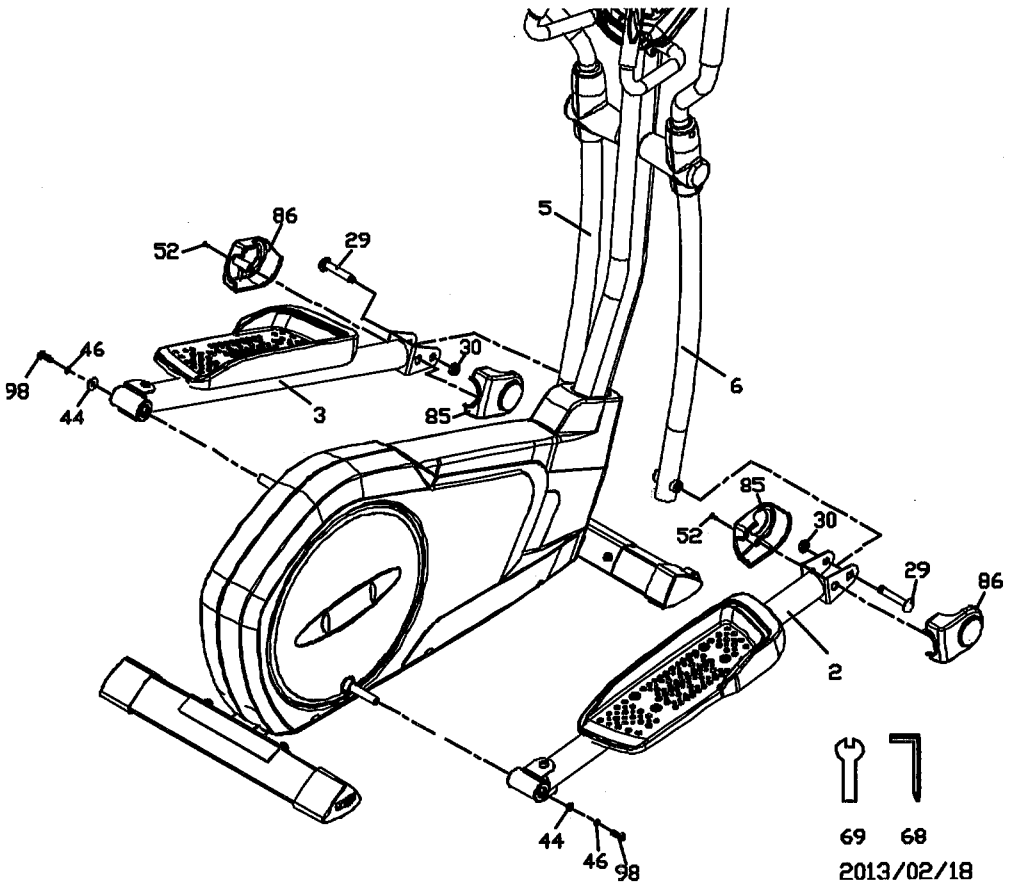
STEP 3:

1. Locate the Left Swing Arm (Upper) (7) and install it through the Swing Arm Bushing (23) and secure to the Lower swing arm (5). Use M5 Allen Wrench (68) to tighten 2pcs of 5/16" Button Head Socket Bolts (56) and 2pcs of 5/16" Nyloc Nuts (55) to the swing arm assembly.
2. Locate the Inner Handle Bar Cover (78) and install on the Lower swing arm and slide the swing arm with cover onto the axle (22). Secure the swing arm to the axle using the M5 Allen Wrench (68) to tighten the 5/16" Button Head Socket Bolt (43) and 8.5mm x23 Flat Washer (100) on the Swing Arm Axle (22) and tighten each other.
3. If there is seam at area A, please install C-ring at area B. Use Combination M5 Allen Wrench & Phillips Head Screw Driver (68) to unscrew and release 5/16" x 3/4" Button Head Socket Bolt (43) and 8.5 x 23 x 1.5T Flat Washer (100) and take apart left Lower Handle Bar (5) together with Handle Bar Cover-A (78) to install plastic C-ring at area B, then follow step 2 to install Handle Bar Cover-A(78) and left Lower Handle Bar (5). Finally, install two Handle Bar Covers-B (79) and use Combination M5 Allen Wrench & Phillips Head Screw Driver (68) to tighten 5 x 12mm Sheet Metal Screws (52).



STEP 4:

1. Locate Right side Pedal Arm Assembly (2) and install onto the pedal axle at the large rotating wheel at the rear of the elliptical. Use the M5 Allen Wrench (68) to tighten the 5/16" Button Head Socket Bolt (98), 5/16" Split Washer (46) and 5/16" Flat Washer (44).
2. Locate the 1/2" x 70mm Carriage Bolt (29) and slide through the bracket at the front of the Pedal Arm Assembly (2) and Lower swing arm (6). Use the 19mm Wrench (69) to tighten the 1/2" Nyloc Nut (30) to the carriage bolt (29).
3. Install Pedal Arm Covers (85, 86) on the Pedal Arm Assembly (2) and use Phillips Head Screw Driver (68) to tighten the 5 x 12mm Sheet Metal Screw (52).
4. Repeat steps 1-3 above for the left side pedal arm assembly.





Key Functions

START/STOP: 1. Starts & Pauses workouts.

2. Starts body fat measurement.

3. Holding key for 3 seconds will reset all functions and values to zero.

DOWN: Decreases value of selected workout parameter: TIME, DISTANCE, etc. During the workout it will decrease the resistance load.

UP: Increases value of selected workout parameter. During the workout it will increase the resistance load.

ENTER: To input desired value or work out mode.

RECOVERY: Press to enter into heart rate Recovery function. Only works when the computer is receiving a heart rate value. Recovery is an indication of Fitness Level. It is a one minute measurement taken immediately after and exercise session and provides a score from 1 to 6. A score of 1 is an indication of a high level of fitness and a score of 6 indicates poor condition.

MODE: Press to switch display from RPM to SPEED, ODO to DIST, WATT to CALORIES.

Workout Selection

After power-up, use the UP or DOWN keys to select a workout program then pressing ENTER. There are 7 basic workout programs: **Manual, Pre- programs, Watt Program, Body Fat Program, Target Heart Rate program, Heart Rate Control program and User Program.**

Functions:

1. **SPEED:** Displays current training speed. Maximum speed is 99.9 KM/H or MILE/H.
2. **RPM:** Displays current pedal rotations per minute.
3. **TIME:** Accumulates workout time from 00:00 to 99:59. Or users can preset the target time desired.
4. **DIST:** Accumulates the workout distance from 0.00 up to 999.9 KM or Mile. Or users can preset the target distance they want to reach.
5. **ODO:** Displays the total accumulated distance from 0.0 to 999.9KM or Mile.
6. **CAL:** Accumulates the calories burned from 0 to 9999. Or users can preset the target Calories they want to burn.
7. **WATT:** Displays current watt.
8. **HEART RATE:** Displays the current heart rate in beats per minute.
9. **TARGET H. R.:** Users can preset their Target Heart Rate.
10. **PROGRAM:** There are 24 different programs to choose from for training.
11. **LEVEL:** The programs have 24 levels of work displayed in 8 bars in each column. Each column represents 1 minute workout (Unless time is changed to a new value for count down) and each bar represents 3 levels of work.
12. **Music:** There is an audio-input port on the top of the monitor. Users can connect an MP3, smart phone or other audio source to the port.

Workout Parameters:

TIME / DISTANCE / CALORIES / AGE / WATT / TARGET HEART RATE

Setting Workout Parameters:

After selecting desired workout program (Manual, Pre-set Programs, Watt Program, Target Heart Rate, Heart Rate Control and User Program) you may pre-set several workout parameters for desired results.

Note: Some parameters are not adjustable in certain programs. Time and Distance can not be set up in the same workout.

Once a program has been selected pressing ENTER will make "Time" parameter flash. Using UP OR DOWN KEY you may set the desired time value. Press ENTER KEY to input value.

Flashing prompt will move to the next parameter. Continue use of UP OR DOWN KEY. Press START/STOP to start workout.

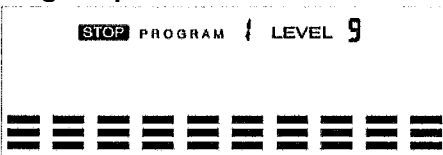
More About Workout Parameters

Parameter	Setting Range	Default Value	Increment/Decrement	Description
Time	0:00~ 99:00	00:00	± 1:00	1. When display is 0:00, Time will count up. 2. When time is 1:00-99:00, It will count down to 0.
Distance	0.00~999.0	0.00	±1.0	1. When display is 0.0, Distance will count up. 2. When Distance is 1.0~999.0, it will count down to 0.
Calories	0~9995	0.0	±5	1. When display is 0, Calories will count up. 2. When Calories is 5~9995, it will count down to 0.
Watt	40~250	100	±5	User can set watt value only in Watt control program.
Age	10~99	30	±1	Target HR will be based on Age. When Heart Rate exceeds Target H.R, the number of Heart Rate will flash.
Pulse	60~220	90	±1	Setting Parameters for Target heart rate.

Program Operation

Manual (P1)

Program profile



Select "**Manual**" using UP OR DOWN KEY then press ENTER KEY. 1st parameter, "Time" will flash so value can be adjusted using UP OR DOWN KEY. Press ENTER KEY to save value & move to next parameter to be adjusted.

**** (If user sets up the target time to workout then the next parameter of Distance can not be adjusted)** Continue through all desired parameters, pressing START/STOP to start workout.

Note: When any One of the workout parameters counts down to zero the console emits a beep sound and the workout stops automatically. Press START KEY to continue the workout to reach the unfinished workout goals set.

Pre-programs (P2~P13)

Program profile

STOP PROGRAM 2 LEVEL 9



ROLLING

STOP PROGRAM 3 LEVEL 15



VALLEY

STOP PROGRAM 4 LEVEL 3



FAT BURN

STOP PROGRAM 5 LEVEL 3



RAMP

STOP PROGRAM 6 LEVEL 6



STEPS

STOP PROGRAM 7 LEVEL 6



OBSTACLE

STOP PROGRAM 8 LEVEL 9



INTERVALS

STOP PROGRAM 9 LEVEL 6



PLATEAU

STOP PROGRAM 10 LEVEL 6



CLIMBING

STOP PROGRAM 11 LEVEL 9



OFF ROAD

STOP PROGRAM 12 LEVEL 9



HILL

STOP PROGRAM 13 LEVEL 6



FASTREK

There are 12 pre-set program profiles ready for use: ROLLING, VALLEY, FAT BURN, RAMP, STEPS, OBSTACLE, INTERVALS, PLATEAU, CLIMBING, OFF ROAD, HILL, FASTREK. All program profiles have 24 levels of resistance.

Setting Parameters for Pre-set programs

Select one of pre-set programs using UP OR DOWN KEY then pressing ENTER KEY. The 1st parameter, "Time" will flash indicating the value can be adjusted using UP OR DOWN KEY. Press ENTER KEY to save value & move to next parameter to be adjusted. Continue through all desired parameters, pressing START/STOP to start workout.

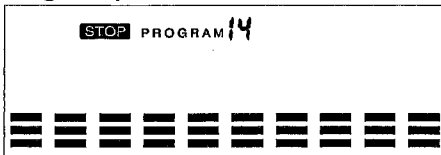
Workout in any pre-program

Users can exercise at different levels of intensity in different intervals as the profiles flash. Users may adjust the resistance level using the UP/DOWN keys during the workout.

Note: If user sets up the target time to workout then the next parameter of Distance can not be adjusted. When any One of the workout parameters counts down to zero the console emits a beep sound and the workout stops automatically. Press START KEY to continue the workout to reach the unfinished workout goals set.

Watt control program(P14)

Program profile



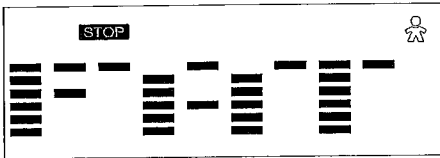
Setting Parameters for Watt control program

Select "**Watt control program**" using UP OR DOWN KEY then press ENTER KEY. The 1st parameter, "Time" will flash indicating the value can be adjusted using UP OR DOWN KEY. Press ENTER KEY to save value & move to next parameter to be adjusted.

**** (If user sets up the target time to workout, then the next parameter of Distance can not be adjusted)** Continue through all desired parameters, pressing START/STOP to start workout.

Note: When any One of the workout parameters counts down to zero the console emits a beep sound and the workout stops automatically. Press START KEY to continue the workout to reach the unfinished workout goals set. Computer will adjust the resistance load automatically depending on the speed to maintain a constant watt value. User can use up down key to adjust the watt value during workout.

BODY FAT MEASUREMENT



Setting Data for Body Fat

Select "**BODY FAT**" using UP OR DOWN KEY then pressing ENTER.

"Male" will flash indicating the Gender can be adjusted using UP OR DOWN KEY. Press ENTER to save gender setting & move to next setting.

A Height of "175" will flash indicating the Height can be adjusted using UP OR DOWN KEY. Press ENTER KEY to save value & move to next setting.

A Weight of "75" will flash indicating the Weight can be adjusted using the UP OR DOWN KEY. Press ENTER KEY to save value & move to next setting.

An Age of "30" will flash indicating the Age can be adjusted using UP OR DOWN KEY. Press ENTER to save value.

Press START/STOP to start measurement. Please be sure to grasp the hand pulse grips. After 15 seconds the display will show Body Fat %, BMR, BMI & BODY TYPE.

NOTE: Body Types:

There are 9 possible body types according to the FAT% calculated. Type 1 is from 5% to 9%. Type 2 is from 10% to 14%. Type 3 is from 15% to 19%. Type 4 is from 20% to 24%. Type 5 is from 25% to 29%. Type 6 is from 30% to 34%. Type 7 is from 35% to 39%. Type 8 is from 40% to 44%. Type 9 is from 45% to 50%.

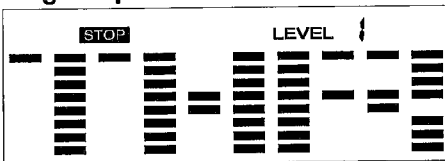
BMR: Basal Metabolic Rate is the amount of daily energy expended at rest.

BMI: Body Mass Index is a general body type based on height and weight.

Press START/STOP KEY to return the main Display.

TARGET HEART RATE Program

Program profile



Setting Parameters for TARGET H.R.

Select "**TARGET H.R.**" using UP OR DOWN KEY then press ENTER KEY. The 1st parameter, "Time" will flash indicating the value can be adjusted using UP OR DOWN KEY. Press ENTER KEY to save value & move to next parameter to be adjusted.

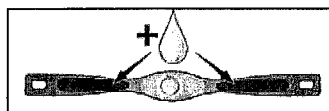
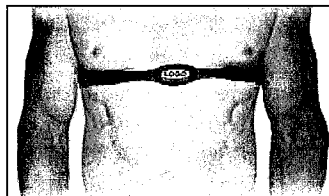
**** (If user sets up the target time to workout, then the next parameter of Distance can not be adjusted)** Continue through all desired parameters, pressing START/STOP to start workout.

Note: If your Pulse measurement is above or below (± 5) the TARGET H.R setting, the computer will adjust the resistance load automatically; it will check approximately every 10 seconds. If the heart rate signal disappears, the computer will keep the resistance load constant for 60 seconds then it will decrease the resistance load 1 level every 10s.

When any One of the workout parameters counts down to zero the console emits a beep sound and the workout stops automatically. Press START KEY to continue the workout to reach the unfinished workout goals set.

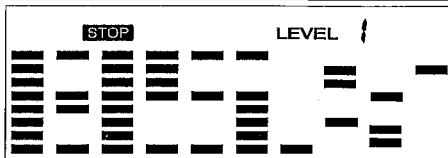
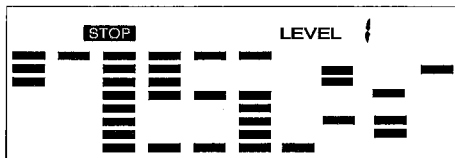
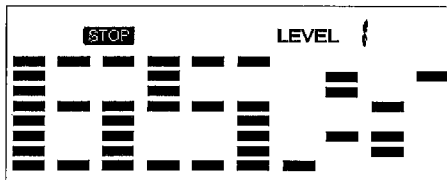
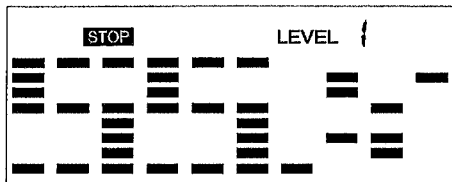
Wearing The Chest Strap (Sold Separately)

1. Attach the transmitter to the elastic strap using the locking parts.
2. Adjust the strap as tightly as possible as long as the strap is not too tight to remain comfortable.
3. Position the transmitter with the logo centered in the middle of your torso facing away from your chest (some people must position the transmitter slightly left of center). Attach the final end of the elastic strap by inserting the round end and, using the locking parts, secure the transmitter and strap around your chest.
4. Position the transmitter directly below the pectoral muscles.
5. Sweat is the best conductor to measure very minute heart beat electrical signals. However, plain water can also be used to pre-wet the electrodes (2 ribbed oval areas on the reverse side of the belt and both sides of the transmitter). It's also recommended that you wear the transmitter strap a few minutes before your work out. Some users, because of body chemistry, have a more difficult time in achieving a strong, steady signal at the beginning. After "warming up", this problem lessens. As noted, wearing clothing over the transmitter/strap doesn't affect performance.
6. Your workout must be within range - distance between transmitter/receiver - to achieve a strong steady signal. The length of range may vary somewhat but generally stay close enough to the console to maintain good, strong, reliable readings. Wearing the transmitter directly on bare skin assures you of proper operation. If you wish, you may wear the transmitter over a shirt. To do so, wet the areas of the shirt that the electrodes will rest upon.



HEART RATE CONTROL Program

Program profile



There are 4 selection for target pulse:

HRC- 55% TARGET H.R= 55% of (220-AGE)

HRC - 65% TARGET H.R= 65% of (220-AGE)

HRC - 75% TARGET H.R= 75% of (220-AGE)

HRC - 85% TARGET H.R= 85% of (220-AGE)

Setting Parameters for HEART RATE CONTROL

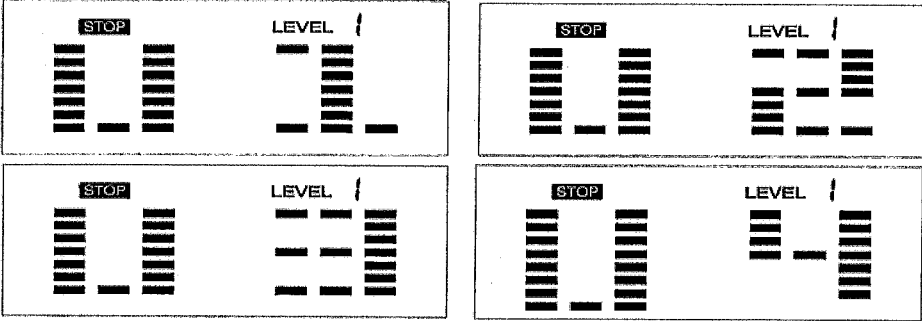
Select one of the "*Heart Rate Control Program*" using UP OR DOWN KEY then press ENTER KEY. The 1st parameter "Time" will flash indicating the value can be adjusted using UP OR DOWN KEY. Press ENTER KEY to save value & move to next parameter to be adjusted.

**** (If user sets up the target time to workout, then the next parameter of Distance can not be adjusted)** Continue through all desired parameters, pressing START/STOP to start workout.

Note: If your Pulse measurement is above or below (± 5) the TARGET H.R setting, the computer will adjust the resistance load automatically; it will check approximately every 10 seconds. If the heart rate signal disappears, the computer will keep the resistance load constant for 60 seconds then it will decrease the resistance load 1 level every 10s.

When any One of the workout parameters counts down to zero the console emits a beep sound and the workout stops automatically. Press START KEY to continue the workout to reach the unfinished workout goals set.

User Program Program profile



4 User programs allow the user to create their own personal program.

Setting Parameters for User Program

Select "User" using UP OR DOWN KEY then press ENTER KEY. The 1st parameter, "Time" will flash indicating the value can be adjusted using UP OR DOWN KEY. Press ENTER KEY to save value & move to next parameter to be adjusted.

**** (If user sets up the target time to workout, then the next parameter of Distance can not be adjusted)** Continue through all desired parameters .

After completing parameter set up, row 1 of the profile will be flashing. Use UP OR DOWN KEY to adjust level then press ENTER until finished (10 times total). Press START/STOP to start workout.

Note: When any One of the workout parameters counts down to zero the console emits a beep sound and the workout stops automatically. Press START KEY to continue the workout to reach the unfinished workout goals set.

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