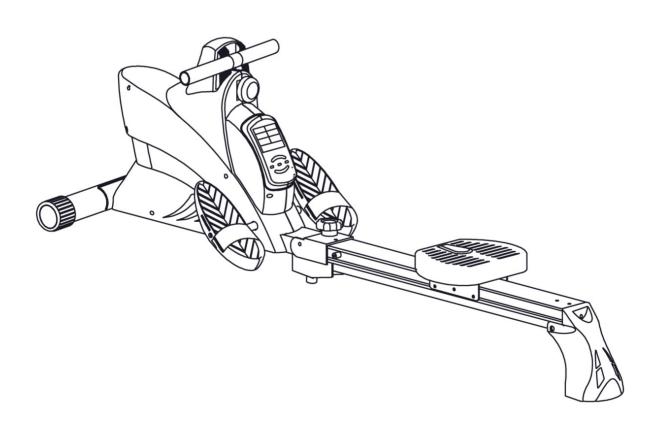


VirtuFit Ergometer Rowing Machine Semi - Pro

OWNERS MANUAL



For questions or missing parts, please contact Fitness Benelux



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ATTENTION: Please verify that all parts associated with this product are in good condition and accounted for. During the assembly process please be sure to follow each step accordingly as it has been explained within the manual.



WARNING: During assembly it is recommended that all bolts be tightened by hand, upon completing assembly, bolts should then be properly secured using the wrench provided. To avoid injury, check bolts carefully before use.



WARNING: Do not plug into power supply until equipment has been fully assembled. Ensure that the power supply matches the specifications of the equipment.

IMPORTANT: Read all instructions carefully before using this product. Retain owner's manual for future reference.

We reserve the right to make change at any time without notice, in colors, parts and materials.

IMPORTANT SAFETY INFORMATION



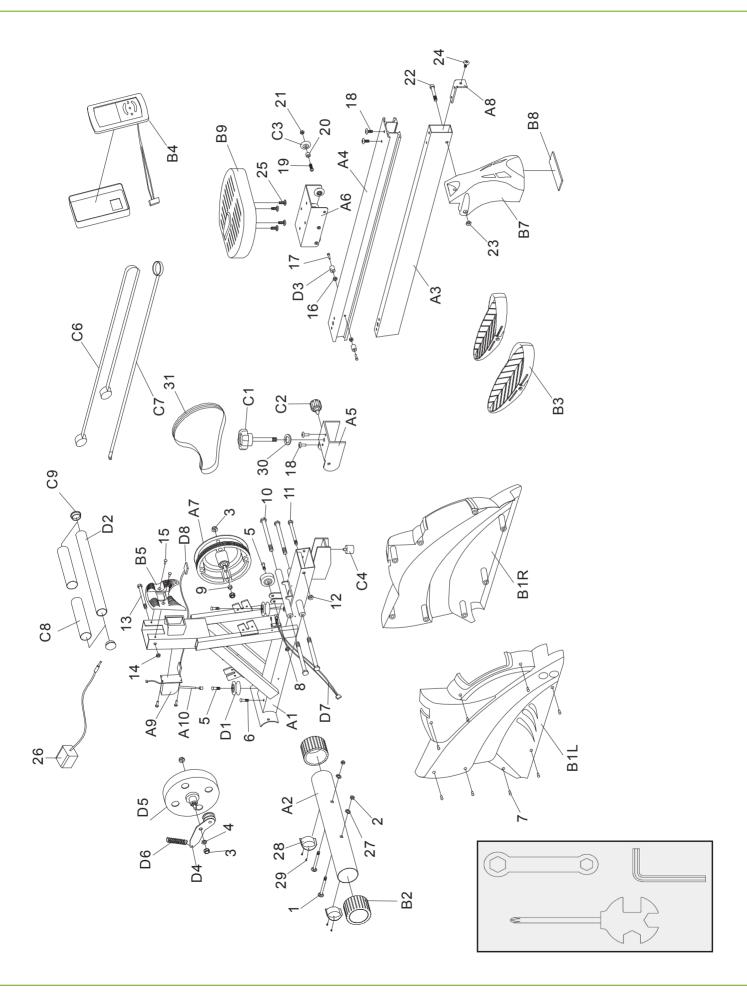
We thank you for choosing our product. To ensure your safety and health, please use this equipment correctly. It is important to read this entire manual before assembling and using the equipment. Safe and effective use can only be achieved if the equipment is assembled, maintained and used properly. It is your responsibility to ensure that all users of the equipment are informed of all warnings and precautions.

ATTENTION

- 1. Before starting any exercise program you should consult your physician to determine if you have any medical or physical conditions that could put your health and safety at risk, or prevent you from using the equipment properly. Your physician's advice is essential if you are taking medication that affects your heart rate, blood pressure or cholesterol level.
- 2. Be aware of your body's signals. Incorrect or excessive exercise can damage your health. Stop exercising if you experience any of the following symptoms: pain, tightness in your chest, irregular heartbeat, and extreme shortness of breath, lightheadedness, dizziness or feelings of nausea. If you do experience any of these conditions, you should consult your physician before continuing with your exercise program.
- 3. Keep children and pets away from the equipment. The equipment is designed for adult use only.
- 4. Use the equipment on a solid, flat level surface with a protective cover for your floor or carpet. To ensure safety, the equipment should have at least 2 feet of free space all around it.
- 5. Ensure that all nuts and bolts are securely tightened before using the equipment. The safety of the equipment can only be maintained if it is regularly examined for damage and/or wear and tear.
- 6. It is recommended that you lubricate all moving parts on a monthly basis.
- 7. Always use the equipment as indicated. If you find any defective components while assembling or checking the equipment, or if you hear any unusual noises coming from the equipment during exercise, stop using the equipment immediately and don't use the equipment until the problem has been rectified.
- 8. Wear suitable clothing while using the equipment. Avoid wearing loose clothing that may become entangled in the equipment.
- 9. Do not place fingers or objects into moving parts of the exercise equipment.
- 10. The maximum weight capacity of this unit is 150KGS (300LBS).
- 11. The equipment is not suitable for therapeutic use.
- 12. You must take care of yourself when lifting and moving the equipment so as not to injure your back. Always use proper lifting technique and seek assistance if necessary.
- 13. This equipment is designed for indoor and home use only! It is not intended for commercial use!

EXPLODED DRAWING





PARTS LIST

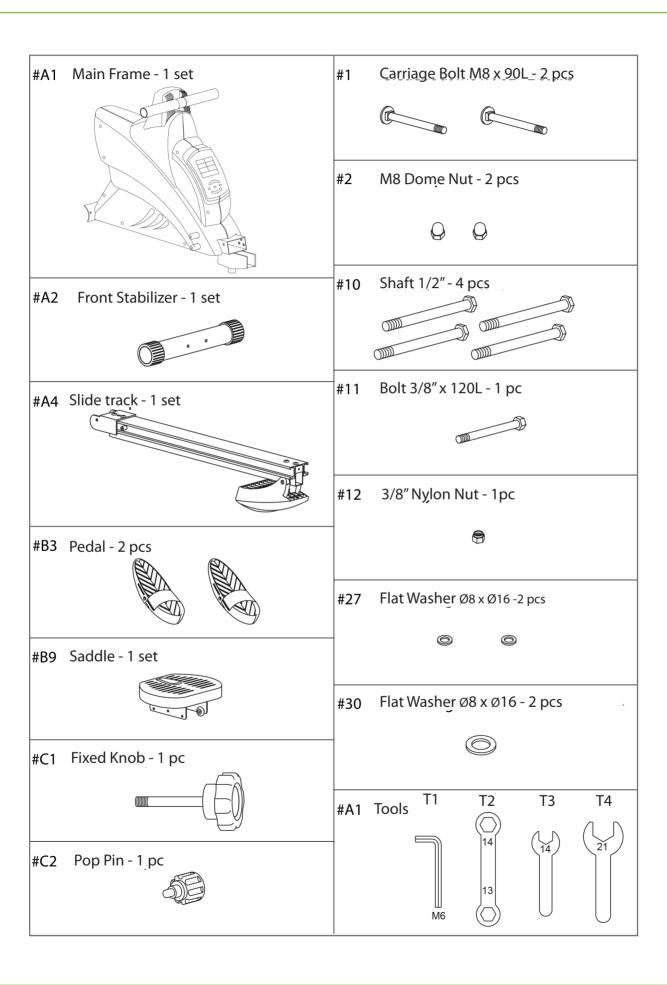


No.	Description	Q'ty	
A1	Main Fame	1	
A2	Front Stabelizer 1		
A3	Slide Track (Steel Tube)	1	
A4	Slide Track (Aluminium Tube)	1	
A5	Folding Bracket 1		
A6	Saddle Carrier 1		
A7	Pulley 1		
A8	Fixing Housing 1		
A9	Motor	1	
A10	Cable 1		
B1-R	Chain cover (right) 1		
B1-L	Chain cover (left) 1		
B2	Ø76 foot cap	2	
В3	Pedal	2	
B4	Computer 1		
B5	PVC Cover 1		
В7	Rear Fulcrum 1		
B8	Rubber Pad	1	
B9	Saddle 1		
C1	Fixed Knob	1	
C2	Pop Pin	1	
C3	Ø37-PU Wheel 1		
C4	Rubber Cushion	1	
C6	Tension Strap	1	
C7	Ø10 Elastic Belt	1	
C8	Sponge Ø35	2	
C9	End Cap	2	
D1	Plastic Pulley	3	
D2	Handle Bar	1	
D3	Rubber Cushion	2	
D4	Tension Pulley	1	
D5	Magnetic Flywheel	1	
D6	Spring	1	
D7	Sensor Wire 1		
D8	Computer Cable 1		
T1	Allen Key x 6mm	1	
T2	Spanner x #13 - #14 1		

No.	Description	Q'ty		
T3	Spanner x #14	1		
T4	Spanner x #21	1		
1	Carriage Bolt M8 x 90L	2		
2	M8 Dorne Nut	2		
3	Nut 3/8" x 26	4		
4	Nut 3/8" x 3T	1		
5	Screw M8 x 35 L 3			
6	Screw M8 x 30 L 1			
7	Tapping Screw M4 x 16	8		
8	M8 Nut	1		
9	Nut 3/8" x 4T 1			
10	Shaft 1/2"	4		
11	Bolt 3/8" x 120L 1			
12	3/8" Nylon Nut	1		
13	Bolt 3/8" x 105L	1		
14	3/8" Nut x 7T 1			
15	Bolt M5 x 0.8 x 15L 2			
16	M6 Nut 2			
17	Screw M6 x 25L	2		
18	Screw M8 x 25L 4			
19	Bolt M8 x 25L	6		
20	Spacer Ø12,5 x Ø8.2 x 10L 6			
21	M8 Nut	6		
22	Bolt 3/8" x 90L	1		
23	Nut 3/8" 1			
24	Screw M8 x 40L	1		
25	Screw M8 x 12L	4		
26	Adapter	1		
27	Washer M8 x Ø16	2		
28	Plastic Wheel	2		
29	Screw M4 x 16	4		
30	Washer Ø13 x Ø25	1		
31	Belt	1		

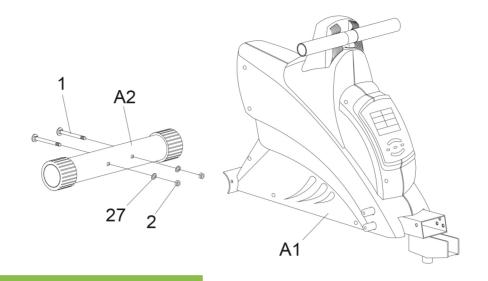
ASSEMBLY PARTS LIST





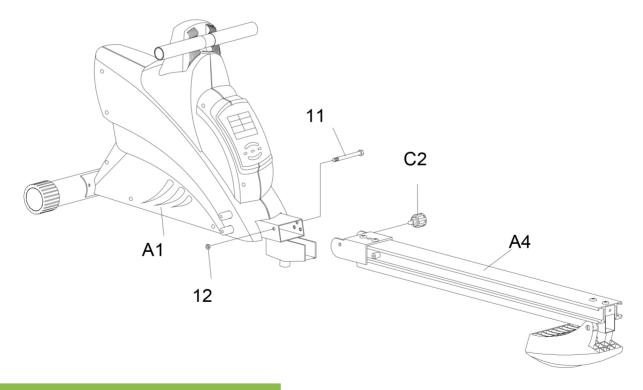
ASSEMBLY INSTRUCTION





STEP 1

Attach Front Stabilizer (A2) to the Main Frame (A1), and fasten with Carriage Bolts (01), Nuts (02) and Washers (27), use Spanner Wrench #14 (T3) to tighten and secure.

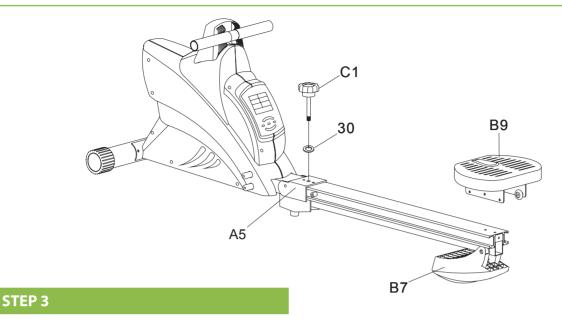


STEP 2

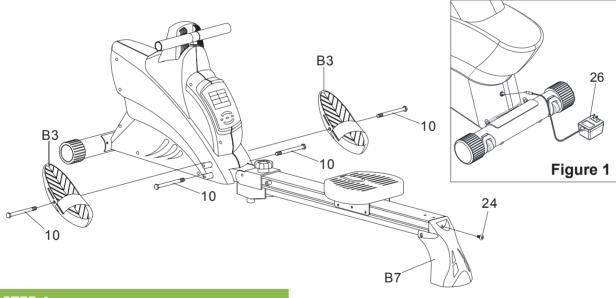
1. Assemble Main Frame (A1) with Upper Slide Track (A4), fasten with Bolts (11), Nuts (12) and Pop Pin (C2), Use Spanner Wrench #14 (T3) to tighten and secure.

ASSEMBLY INSTRUCTION





- 1. Fasten Fix Knob (C1) and Flat Washer (30) onto Folding Bracket (A5).
- 2. Flip down Rear Fulcrum (B7) on the end of Slide Track (A4), mount Saddle (B9) to Slide Track (A4).

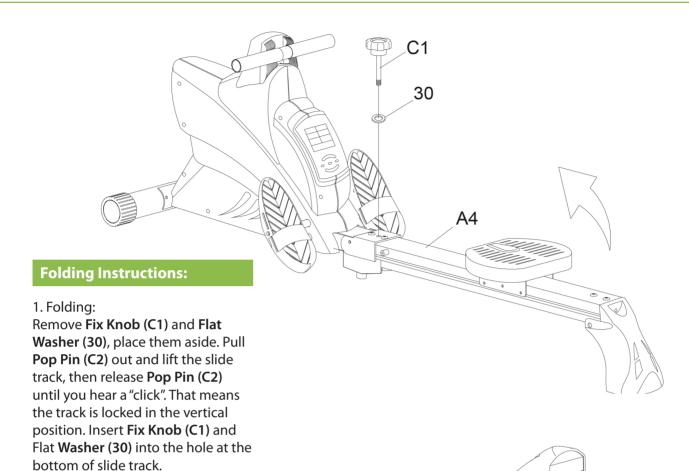


STEP 4

- 1. Flip Rear Fulcrum (B7) back to upright position and fasten with Screw (24), use Allen Key (T1) to tighten and secure.
- 2. Fasten 2 **Shafts (10)** onto lower holes of the **Main Frame (A1)**, use **Spanner Wrench # 21 (T4)** to tighten and secure.
- 3. Insert **Shafts** (10) through **Pedals** (B3) and the upper holes on the **Main Frame** (A1), use **Spanner Wrench** #21 (T4) to tighten and secure.
- 4. Refer to Figure 1. Plug the **Adapter (26)** into the socket located on the front of the rower. Plug the **Adapter (26)** into an electrical outlet.

ASSEMBLY INSTRUCTION

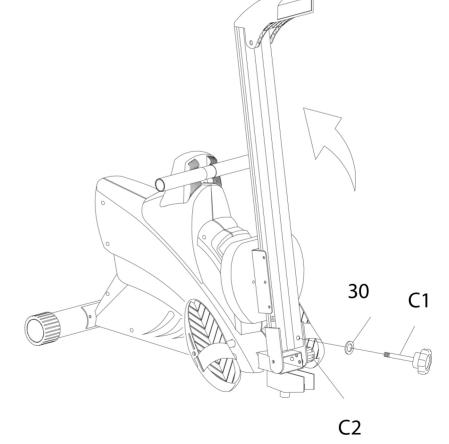




Unfolding Instructions:

2. Unfolding:

Remove Fix Knob (C1) and Flat Washer (30), place them aside. Pull Pop Pin (C2) out and pull down the slide track, then release Pop Pin (C2) until you hear a "click". That means the track is locked in position. Insert Fix Knob (C1) and Flat Washer (30) into the original place on slide track.





CAUTION: Keep hands clear of the hinge when folding and unfolding the unit.

EXERCISE INSTRUCTION



A good exercise program consists of a warm-up, aerobic exercise, and a cool down. Do the entire program at least two to three times a week, resting for a day between workouts. After several months you can increase your workouts to four or five times per week.

AEROBIC EXERCISE is any sustained activity that sends oxygen to your muscles via your heart and lungs. Aerobic exercise improves the fitness of your lungs and heart. Aerobic fitness is promoted by any activity that uses your large muscles e.g. legs, arms and buttocks. Your heart beats quickly and you breathe deeply. An aerobic exercise should be part of your entire exercise routine.

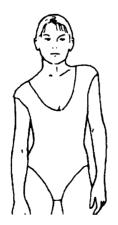
The WARM-UP is an important part of any workout. It should begin every session to prepare your body for more strenuous exercise by heating up and stretching your muscles, increasing your circulation and pulse rate, and delivering more oxygen to your muscles.

COOL DOWN at the end of your workout, repeat these exercises to reduce soreness in tired muscles.

HEAD ROLLS

Rotate your head to the right for one count, feeling the stretch up the left side of your neck, then rotate your head back for one count, stretching your chin to the ceiling and letting your mouth open. Rotate your head to the left for one count and then drop your head to your chest for one count.





SHOULDER LIFTS

Lift your right shoulder toward your ear for one count. Then lift your left shoulder up for one count as you lower your right shoulder.

EXERCISE INSTRUCTION



SIDE STRETCHES

Open your arms to the side and lift them until they're over your head. Reach your right arm as far toward the ceiling as you can for one count. Repeat this action with your left arm.



QUADRICEPS STRETCH

With one hand against a wall for balance, reach behind you and pull your right foot up. Bring your heel as close to your buttocks as possible. Hold for 15 counts and repeat with left foot.

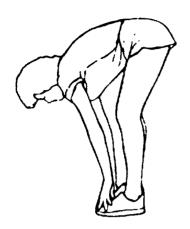
INNER THIGH STRETCH

Sit with the soles of your feet together and your knees pointing outward. Pull your feet as close to your groin as possible. Gently push your knees toward the floor. Hold for 15 counts.



EXERCISE INSTRUCTION





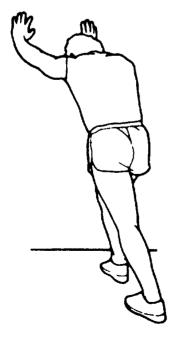
TOE TOUCHES

Slowly bend forward from your waist, letting your back and shoulders relax as you stretch toward your toes. Reach as far as you can and hold for 15 counts.

HAMSTRING STRETCHES

Extend your right leg. Rest the sole of your left foot against your right inner thigh. Stretch toward your toe as far as possible. Hold for 15 counts. Relax and then repeat with left leg.





CALF/ACHILLES STRETCH

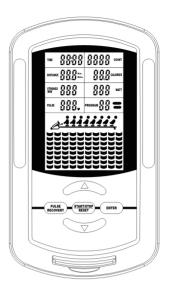
Lean against a wall with your left leg in front of the right and your arms forward. Keep your right leg straight and the left foot on the floor; then bend the left leg and lean forward by moving your hips toward the wall. Hold, then repeat on the other side for 15 counts.



A. POWER UP:

- a. Connect all of the cables to the monitor.
- b. After power up all LCD segments will light up for 2 seconds, the Monitor will reset to the initial resistance mode.
- c. If the connection cables were installed incorrectly, the Monitor will display E1 on the matrix display and generate a beep sound. Before contacting service, please examine that all connection cables are well connected and then reset the power, you will hear a beep sound indicating that the power has been reset. Press the START/STOP (Hold to reset), button to restart the system. If the Monitor still shows the E1 message please contact service.





B. KEY BOARD:

a. ENTER:

- **1.**During the pause mode, press **ENTER** to select and confirm programs.
- 2.Confirm the setting values of TIME, COUNT, DISTANCE, CALORIES and PULSE in the heart rate control; PROGRAM 8 & PROGRAM PROFILE in the user setting program.

b. START/STOP/RESET:

- 1. To **START** or **STOP** exercising.
- **2.** Holding this button for 2 seconds will enter the initial mode and reset all value to zero.

c. UP & DOWN BUTTONS:

- **1.**During the pause mode, cycle through programs or increase the setting values of **TIME**, **COUNT**, **DISTANCE**, **CALORIES** and **PULSE** in the heart rate control; **PROGRAM 8 & PROGRAM PROFILE** in the user setting program.
- **2.**During the exercise mode, press the UP button to increase the load level, press the **DOWN** button to decrease the load level.

d. PULSE RECOVERY:

After completing an exercise, press to activate the pulse recovery function. You must wear the **HEART RATE TRANSMITTER.**



C. FUNCTIONS:

TIME: Exercise time will be shown on the display when exercising. If there is no signal detected within 4 seconds, it will reset to zero. (When presetting the program time during setup, **Programs 2-12** have a set point from 5:00 to 99:00).

Count Up: Without setting the time value, the monitor will count up from 0:00 to 99:59. Count Down: Setting the exercise time, the monitor will count down from your setting values. Once the setting value is reached, the monitor will produce a beep sound, and then the time will begin counting up from 0:00.

COUNT: Count will be shown on the display when exercising. If there is no signal detected within 4 seconds, it will reset to zero.

Count Up: Without setting the count value, the monitor will count up from 0 to 9999.

Count Down: Setting the exercise count, the monitor will count down from your setting values. Once the setting value is reached, the monitor will produce a beep sound, and then the count will begin counting up from 0.

CALORIE: The calories burned will be displayed on the window. The range is 0.0-99.9 kcal. Count Up: Without setting the calorie value, the monitor will count up from 0.0 to 99.9 kcal. Count Down: Setting the calorie consumption, the monitor will count down from your setting values. Once the setting value is reached, the monitor will produce a beep sound, and then the count value will begin counting up from 0.0 kcal.

DISTANCE: The distance will be displayed on the window. The monitor begins to calculate from 1 meter to 999meter and the measure unit is 1 meter. After reach 1 KM, the measure unit become to 0.1 KM (100meter). The monitor will display from 1.1 KM to 99.9 KM.

Count up: Without setting the distance value, the monitor will count up from 0.1-99.9 KM or Mile. Count down: Setting the exercise distance, the monitor will count down from your setting values. Once reach setting value, monitor will produce bi sounds, and then the value of count becomes counting up form 1 meter.

STROKES/MIN: Displays the current amount of strokes per minute during exercise.

WATT: Displays the amount of power being exerted during exercise, range: 0-999 watt.

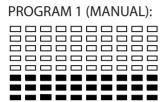
PULSE: Displays the heart rate, range 40 to 240 beats per minute (BPM).

NOTE: To use this function a **Heart Rate Transmitter** must be worn in order to register your heart rate for displaying. In this function the **Heart Rate Transmitter** sends your heart rate information to a built in receiver, the receiver then displays your heart rate information on the monitor. Each heart rate signal is accompanied by a "ullet" symbol flash. If the Heart Rate Transmitter is incorrectly worn around your chest, a "ullet " mark will be displayed.



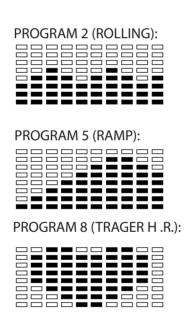
D. PROGRAM PROFILE:

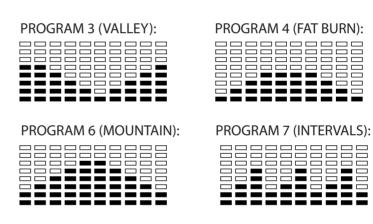
The computer contains 12 different programs. You can preset the program time so that the computer will divide the time into 10 intervals. If the program time is not preset, the computer will count up 1 minute for each interval of Program 1 (Manual Program), for Programs 2-12 the computer will use a preset value of 30 minutes, programs will run in cycle



Manual Program 1: Program 1 is a manual program; in this program the user has full manual control of the workload. Increase the load using "▲" button, decrease the load using "▼" button.

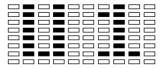
Preset Programs 2-7: Programs 2 through 7 are automatic programs, however the user may still increase or decrease the tension level of these programs using the "▲/▼" buttons. Preset program profiles are displayed on the face of the computer. Under these Preset Programs users may still set a value for TIME, COUNT, CALORIE and DISTANCE. To set a value, refer to the FUNCTIONS section of the computer instructions.





Target Heart Rate Program 8: This program requires the user to wear a Heart Rate Transmitter around their chest. This program is controlled by heart rate. When the user selects Program 8 the PULSE window located on the monitor will display a flashing 90 (the initial setting value), at this time the user may input their desired Target H.R. from 90-220BPM. In this program the computer will automatically adjust the tension level during exercise according to the users' heart rate, detected by the heart rate transmitter, in order to keep the users heart rate within the zone of plus & minus 5 BPM of their set Target H.R

PROGRAM 9 (USER SETTING):



User Setting Programs 9-12: (U1-U4) Programs 9 through 12 are programs that allow the user(s) to manually preset each of the 10 intervals in order to create personal exercise profile(s). To create a profile scroll through the User Settings Program until "Column" flashes on the Monitor, press the " ▲ / ▼ " buttons to create your exercise program, press the ENTER button to confirm the first Column of your exercise profile. Repeat this process to create additional Columns.



Under the User Settings Programs 9-12 (U1-U4), users may still set a value for TIME, COUNT, DISTANCE and CALORIE, (in that order), to set press the ENTER button to select the program, use the " \triangle / \blacktriangledown " buttons to set the function values, press the ENTER button to input the values. Or pass some of the inputs, by pressing the ENTER button. The values will be stored in the memory after setup. Users may also manually increase or decrease the functions value in each interval by pressing the " \triangle / \blacktriangledown " buttons, the value stored in the memory will not be changed or affected by doing this.

NOTE:

- 1. Your personal exercise profile will be stored in the memory of the monitor.
- **2.** When you reach one of the targets such as **TIME**, **COUNT**, **DISTANCE** or **CALORIES**, the monitor will produce a beep sound and then stop.
- **3.** If you set more than one target and would like to continue, press **START** to begin the exercise again.
- 4. The maximum number of users able to create a personal exercise profile is 4.



TRAVEL DISTANCE INDICATOR

Indicates the distance tryeled on the rower during during exercise

E. PULSE RECOVERY FUNCTION:

NOTE: To use this program, you must wear the Heart Rate Transmitter.
The **Pulse Recovery** function is used upon completion of an exercise, the function measures the amount of time it takes for the users' heart rate to return to a resting heart rate, the quicker the users heart rate returns to a resting heart rate the better. The computer monitors your heart rate for 60 seconds and then calculates a Pulse Recovery value from

F1- F6.

The readings mentioned are to be used as points of reference, this information is NOT to be used for any medical reference or purposes.

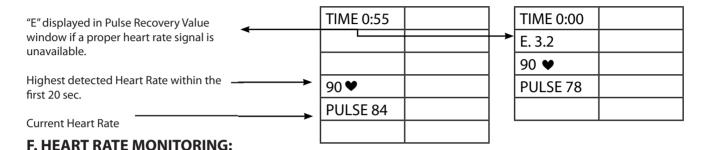
When starting the Pulse Recovery function, a "♥" symbol will be displayed, after 5 seconds your heart rate will then be displayed. Once your heart displays on the monitor, press the Pulse Recovery button, during the Pulse Recovery function, only the PULSE and TIME are active. The TIME will begin count down from 0:60 seconds, during this time the "♥" symbol will blink, when the TIME reaches 0:00 the computer will sound an audible alarm for ten seconds and then display your Pulse Recovery reading from F1.0 to F6.0. (During Pulse Recovery, press any button to stop audible alarm. Press any button to exit Pulse Recovery function).

,



NOTE:

- 1. Press the Pulse Recovery button at any time to run the pulse recovery function, the pulse recovery function can be ran during an exercise and while running another program.
- **2.** Once the pulse recovery function is initiated the **TIME** will begin count down from 0:60 seconds down to 0:00, during these (60) seconds you will not be able to quit the pulse recovery function. An "E" message will display in the pulse recovery value window of the monitor when there is no heart rate signal detected or available.



To achieve the maximum results from your workout on this **817 Rowing Machine** it is imperative that you exercise within your target heart rate zone for a minimum of 20 minutes. Studies have shown that exercising below your target heart rate zone will not a

minutes. Studies have shown that exercising below your target heart rate zone will not allow you to burn fat or improve cardiovascular fitness, working above your target heart rate zone is counter-productive as well.

Everyone has their own specific target heart rate zone, when exercising your main goals should be reaching that zone and staying within that zone. Determining your personal target heart rate zone is calculated by the following:

STEP 1: Find your maximum heart rate using this formula:
220 - Your Age = predicted max heart rate.
Example: A person 40 years of age would have a predicted max heart rate of 180 BPM (Beats Per Minute), 220 - 40 = 180.

STEP 2: Your target heart rate zone is a range of 55% to 90% of your max heart rate.

Predicted Max Heart Rate x .55 = Low End of your target heart rate zone. Predicted

Max Heart Rate x .90 = High End of your target heart rate zone. Example: A person 40

years of age would have a Target Heart Rate Zone of 99 to 162

BPM (Beats Per Minute); 180 x .55 = 99.

For additional conditioning guidelines and to set up the target heart rate for programs, the chart to the right provides a reference to **Target Heart Rate** zones estimated by age.





LCD W/PROGRAM MONITOR TROUBLE SHOOTING

SYMPTOM	POSSIBLE CAUSE	SOLUTION
E1	No signal from motor gear .	 Review the Assembly Instructions and check that all the computer plugs and sockets are firmly and correctly connected. Review the machine's Magnetic Resistance System to ensure that it is set correctly at it can freely be adjusted. A symptom of the previous problem is the Motor will struggle to adjust the resistance and begin making an abnormal sound. If this happens the Motor may already be damaged by some kind of interference. After freeing the interference the Motor will have to be checked that it still correctly. Motor Problems: Symptoms include an unusually loud noise coming from the Motor, which means the Gears are NOT meshing correctly. Try reversing the resistance and try again. If this fails then Replace the Motor. If the Motor fails to move at all then please recheck as per Solution above. If this fails then Replace the Motor.
E2	The Computer cannot interface with the IC Chip .	Disconnect the Adaptor and/or remove the Batteries. Reconnect the Adaptor and /or the Batteries. This will REBOOT the IC Chip and may help the Computer interface with the IC Chip. Remove and reinsert the IC Chip If reinsertion fails then replace the IC Chip with a NEW IC Chip
E5	The meter does not count up for any of the functions	Review the Assembly Instructions and check that all the computer plugs and sockets are firmly and correctly connected. If the above mentioned does not resolve the issue please contact our customer service.

MAINTENANCE



IMPORTANT

Safe and effective use can only be achieved if the equipment is assembled, maintained and used properly. It is your responsibility to ensure that the equipment is maintained regularly. Any components found to be worn and/or damaged should be replaced before continuing use of the equipment. Equipment should only be used and stored indoors, prolonged exposure to weathering and changes in temperature and humidity may have a severe impact on electrical components and moving parts of the machine.

Daily Maintenance:

- Clean and remove sweat and moisture after each use.
- Perform inspection of all nuts and bolts associated with moving parts of the equipment, tighten as required.
- Check the mobility of moving parts and components on the equipment, lubricate if required.
- Clean plastic parts of the equipment using a damp cloth, clean metal parts of the equipment using a dry cloth. Do not use cleaning products to clean the equipment.

Weekly Maintenance:

- Thoroughly inspect the parts of the equipment; nuts, bolts, screws and moving parts such as foot pedals, saddle, pulley's, etc. Tighten or replace parts as required.

Monthly Maintenance:

- Inspect the frame and inner working components for wear and tear as well as damage, main tenance or replace as required.

For questions or missing parts, please contact Fitness Benelux



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