

Instructions for SOTA Bio Tuner Model BT5pro



CONTENTS

INTRODUCTION	1
LEARN MORE	2
COMPLETE UNIT INCLUDES.....	2
DO NOT USE.....	2
CAUTIONS	3
SUMMARY OF LIGHTS	3
HOW TO USE THE BIO TUNER.....	3
How it Should Feel.....	4
Typical Use.....	4
ELECTRICAL SPECIFICATIONS	5
Power Requirements.....	5
Optional Power Input.....	5
Output Specifications.....	5
REPLACEMENT ACCESSORIES	5
WARRANTY.....	5
REPAIRS.....	5

INTRODUCTION

Thank you for allowing us to be a part of your wellness team. The Bio Tuner is a consumer product designed to complement a healthy lifestyle.

This unit outputs a broad range of harmonic frequencies in each pulse.

Please understand that results will vary. Healthy lifestyle choices are important.

Please read this manual carefully before using the Bio Tuner. The information in this manual is subject to change. For the most up-to-date manual, please visit www.sota.com. We encourage you to become well-informed about the use of frequencies.

The SOTA Bio Tuner is built to give you many years of trouble-free use.





LEARN MORE

To learn more about the Bio Tuner we invite you to visit the SOTA website:

www.sota.com

The website offers How to Videos, Frequently Asked Questions, a Guide to Using the SOTA Units, SOTA News ... and more.

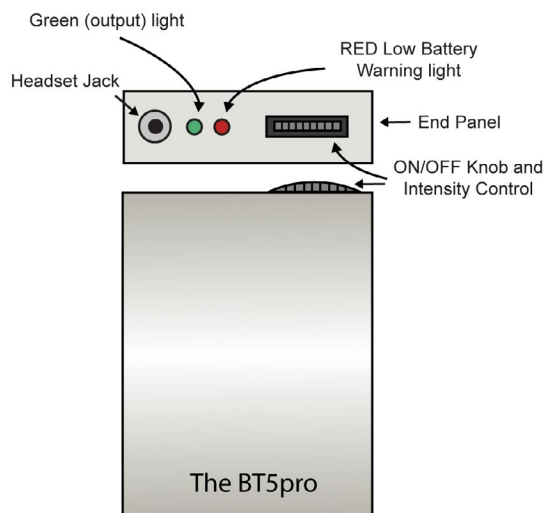


COMPLETE UNIT INCLUDES

- One (1) Bio Tuner Unit
- One (1) Cord
- Ten (10) pair Disposable Conductive Pads
- One (1) 9-Volt Alkaline Battery
- One (1) Product Manual

DO NOT USE

1. Do not use in the following situations as safety has not been explored:
 - a. In the case of pregnancy, nursing or trying to get pregnant.
 - b. With an implanted device such as a pacemaker, shunt etc.
 - c. With seizures or psychotic conditions.
 - d. With Neuropathy or other nerve-ending related issues.
2. Do not use if:
 - a. You experience headaches or pain when using the unit.
 - b. You are prone to tinnitus.
 - c. You experience a ringing in your ears when using the unit.
3. As with all electrical products do not use:
 - a. Near water
 - b. When driving a car
 - c. When operating heavy equipment





4. Do not:

- a. Suddenly increase the intensity to the maximum level. The intensity level should be increased gradually to a comfortable level to ensure safety.

CAUTIONS

1. If you are on psychiatric medication, please consult your health care provider prior to using the Bio Tuner.
2. In very rare instances, individuals have reported the onset of tinnitus after using the unit.

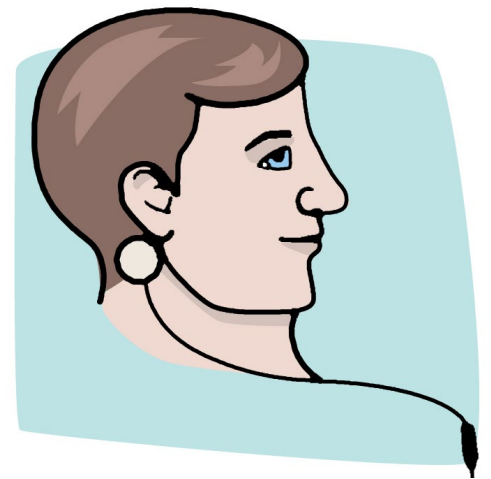
SUMMARY OF LIGHTS

GREEN: Indicates the Bio Tuner is in operation and the current is flowing through the Conductive Pads.

RED: Indicates the battery is low and will soon need replacing.

HOW TO USE THE BIO TUNER

1. Place the 9-Volt Alkaline battery in the unit.
 - a. On the back of the unit, slide off the battery cover.
 - b. Clip the battery connections in the battery compartment to the 9-Volt Alkaline battery terminals.
 - c. Slide the 9-Volt Alkaline battery into the case and push down. Slide the cover back onto the unit.
2. Clean the area behind each ear to eliminate skin oils. This will allow for better conductivity.
3. Insert the Cord into the jack on the unit.
4. Attach one set of Conductive Pads to each connection on the Cord.
5. Attach a Conductive Pad behind each ear lobe.
6. Turn the unit ON by turning the ON/OFF switch clockwise.



The **GREEN** light on the end panel will begin to flash alternately once every second. If the lights do not come on, the battery may not be properly connected.

7. Gradually turn up the intensity to a comfortable level. The current may or may not be felt. If felt, the intensity should be comfortable. See 'How It Should Feel' on page 4.



8. Place the unit in a pocket.
9. After the 20-minute timed session, the unit will automatically cycle into Sleep Mode and the GREEN light will stop flashing and come on steady.
10. While in Sleep Mode the battery is still being used. Turn the unit OFF by rotating the ON/OFF knob counter clockwise. Do not force the ON/OFF switch past its natural stopping point. To continue with another session, turn the unit ON again.

Note:

Low Battery Warning: The RED light comes on when the battery is low. This means the battery will soon need to be replaced.

HOW IT SHOULD FEEL

1. The sensation may be a pleasant buzzing or the current may not be felt at all. It is not necessary to turn the control up to an uncomfortable level. If it feels prickly or unpleasant, check the following:
 - a. Clean the area behind the ears again.
 - b. Replace the Conductive Pads.
2. With repeated use, the buzzing sensation may not be felt as much. The intensity may be turned up if desired.
3. You may feel a sensation on one side more than the other.

TYPICAL USE

Length of session: The Bio Tuner is timed for 20-minutes. Research indicates that if used longer than 40 minutes at a time, the benefits may be reduced. The unit can be used for more than one 40-minute session per day by spacing the sessions throughout the day.

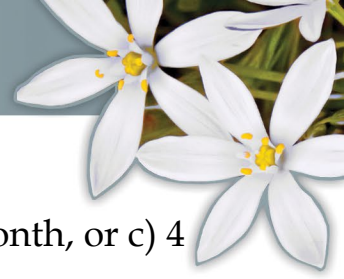
Length of use: The unit should be used daily for at least 4 weeks.

Intensity Level: It is best to start the unit at a lower intensity level for the first few sessions. The intensity should always be set to a comfortable level.

Drink plenty of water: It's important to drink enough water when using the unit. Drinking ozonated water is especially helpful.

Stop Gradually: Reduce the amount of time each day for the last week of use.

Maintenance schedule: Ongoing use may be beneficial. Suggestions for a



maintenance schedule are a) once or twice weekly, b) one week per month, or c) 4 weeks every six months.

ELECTRICAL SPECIFICATIONS

POWER REQUIREMENTS

Use a 9-Volt Alkaline battery for proper operation.

OPTIONAL POWER INPUT

The Bio Tuner can also be operated using NiMH rechargeable batteries. When purchasing rechargeable batteries, it is suggested to take the unit with you to ensure the batteries will fit the enclosure.

OUTPUT SPECIFICATIONS

Maximum <1.5mA Peak ~40 Volts Peak-Peak into typical 4k ohm load. Minimum <~10uA, 10 Volt Peak-Peak at lowest setting. Output impedance ~20k ohm.

1,000 Hz (+/- 1%) pulse-modulated by 111.11 Hz (+/- 1%). Waveforms are Quartz Crystal-Controlled for precise frequency output. There are also a broad range of harmonic frequencies delivered in each pulse as observed on a frequency domain spectrum analyzer.

Pulses are Bi-Phasic (AC) with no direct current (DC) or offset bias. Output is transformer coupled so that no DC can appear at electrodes.

REPLACEMENT ACCESSORIES

To replace your accessories, contact your supplier.

WARRANTY

The Bio Tuner, BT5pro is covered by a three (3) year limited warranty. Please keep proof of purchase. Warranty is void if the failure is due to abuse or negligence. SOTA reserves the right to make changes to the Bio Tuner without notification.

REPAIRS

Please contact your supplier for return instructions. Or, for information about your closest repair depot, contact:

repairs@sota.com

Tel: 1.250.770.2023

Fax: 1.250.770.1999

Designed, Engineered and Made in Canada.