



RAYONEX[®]
BIOMEDICAL · SINCE 1982

RAYOCOMP PS 10 PLUS

PORTABLE HIGH-PERFORMANCE BIORESONATOR



ART. NO. 21145 EVOLUTION, 21110 VET, 21120 BB,
21130 COMPLETE, 21137 COMPLETE PREMIUM

M A N U A L



Important note:

Please note that the information, advice and solutions given here are based on over 40 years of experience, but cannot replace a visit to a naturopath or naturopathically orientated doctor.

Furthermore, it is pointed out here and on the following pages that conventional medicine has neither accepted nor recognised the effect of bioenergetic oscillations, even if a clinical prospective, double-blind randomised, placebo-controlled study exists.



TABLE OF CONTENTS

1. Introduction	5
1.1 Intended use	5
1.2 Conformity assessment	6
1.3 Declaration of conformity	6
2. Fundamental information about the Rayocomp PS 10 plus	7
2.1 Scope of delivery	7
2.2 Technical data	7
2.3 Instructions for using the manual	8
2.4 General warnings and safety instructions	9
2.5 Symbols used for the Rayocomp PS 10 plus	13
2.6 Manufacturer's Declaration of Electromagnetic Compatibility IEC 60601-1-2 for the Rayocomp PS 10 plus	14
2.7 Transport and storage conditions	20
2.8 Cleaning / maintenance and service	20
2.9 Auxiliary illustrations for the device	21
2.9.1 Front view	21
2.9.2 Rear view	21
2.9.3 Keyboard	22
2.9.4 Display	23
2.9.5 Accessories	23
2.9.6 Waste disposal	24
2.9.7 Check before use	24
3. Operating instructions	25
3.1 General operating instructions	25
3.1.1 Charging the integrated battery	25
3.1.2 Switching the device on and off	26
3.1.3 Select the menu using the 'Mode' button	27
3.1.4 How the 'Mode' button works	28
3.1.5 Operation of the integrated polariser and the Rayotensor	31
3.1.6 Display of errors	32
3.1.7 Changing the battery	32
3.1.8 Setting individual fundamental frequency values of the BaPS in the menu item 'Direct'	33
3.1.9 Automatic program sequence by using a Green-Card in the menu item 'Direct'	34
4. The Rayocomp PS 10 plus	35
4.1 BaPS and RAH in the test	35
4.1.1 Rayotensor functions in the BaPS at overview	35
4.1.2 BaPS in the test	36
4.1.3 Testing with the modules M2 / M4	37



4.2	Rayonex Analysis and Harmonisation System (RAH) in the test.	38
4.2.1	The functions of the Rayotensor in the Rayonex Analysis and Harmonisation System (RAH)	38
4.2.2	Test of the RAH modules M3 / M5 / M6 / M7 / M10 / M11 / M12	39
4.2.3	The level test in the RAH modules M3 / M5 / M6 / M7 / M10 / M11 / M12	39
4.2.4	Activation of a Test Protocol	40
4.3	The Green-Card	40
4.3.1	Saving the fundamental frequency values / RAH programs on a Green- Card	40
4.3.2	Testing with fundamental frequency values / RAH programs from a Green- Card	41
4.3.3	Automatic harmonisation of BaPS and RAH from a Green-Card	41
4.4	Direct harmonisation	42
4.4.1	Direct harmonisation of the BaPS.	42
4.4.2	Direct harmonisation in the RAH.	42
4.4.3	Load fundamental frequency values from memory card and harmonise in the BaPS.	43
4.4.4	Load RAH programs from memory card and harmonise in RAH	43
4.4.5	Pause function and end harmonisation in the BaPS / RAH	43
4.5	The modules M3 / M8 / M9 / M10 / M11 / M12	44
5	Setup	45
5.1	Settings for the backlight	45
5.2	Delete duplicate values in the 'F1' programs	45
5.3	Setting the notification tone (beep)	46
5.4	Specification of the test range values	46
5.5	Specification of the harmonisation time for fundamental frequency values	47
5.6	Automatic switch-off after completion of harmonisation	47
5.7	Activating and deactivating modules.	47
5.8	Save fundamental frequency values to memory card	48
5.9	Display information about the memory card.	48
5.10	Provide memory card with read protection.	49
5.11	Provide memory card with write protection	49
5.12	Delete memory card completely	49
5.13	Initialise memory card.	49
5.14	Motor test run of the frequency module	50
5.15	Update	50
6	Info	51
7	Special function keys	52
7.1	Using the 'IF' buttons	52
7.2	Using the '10,0' button	52
8	Overview of possible error messages	53
9	Appendix	55
9.1	Warranty agreement.	55

1. INTRODUCTION

1.1. Intended use

The Rayocomp PS 10 plus is a bioresonance device for use in the wellness/wellbeing sector. The Rayocomp PS 10 plus is a non-medical product.

Intended patient population

The intended patient population comprises adults.



Not intended for pregnant women, nursing mothers, infants, children and adolescents.

Intended users

Intended users are alternative practitioners, doctors and therapists as well as experienced private users who have been trained in the use of the Rayocomp PS 1000 polar 4.0 or Rayocomp PS 10 plus.



Please note that the information, advice and solutions given here are based on over 40 years of experience, but cannot replace a visit to the doctor. Furthermore, when using Rayocomp devices, the advice of an experienced specialist in the relevant field should be sought during use! Use in pregnant women, nursing mothers, infants, children and adolescents should be avoided due to the lack of clinical studies.



There is no danger if the device fails due to EM interference.



Possible life-threatening illnesses always require a clear diagnostic clarification and its timely application by a specialist.

1.2. Conformity assessment

CE For our product Rayocomp PS 10 plus we confirm that it complies with the essential protection requirements laid down in the Council Directives on electrical and electronic products in accordance with Directive 2001/95/EC on general product safety.

The following test standards, which are harmonised under the relevant directives, were used for the assessment:

Low Voltage Directive 2014/35/EC - Electrical safety: EN 60601-1:2006+ A1:2013 EMC

Directive 2014/30/EC - Electromagnetic compatibility: EN 60601-1-2:2015

EN 61000-3-2:2014

EN 61000-3-3:2013

Directive 2011/65/EU RoHs on the restriction of the use of certain hazardous substances in electrical and electronic equipment

EN 50581:2012 Technical documentation for the assessment of electrical and electronic equipment with regard to the restriction of hazardous substances.

1.3. Declaration of conformity

The product complies with the relevant directives. A declaration of conformity can be requested from Rayonex Biomedical for each product supplied.



2. FUNDAMENTAL INFORMATION ABOUT THE RAYOCOMP PS 10 PLUS

2.1. Scope of delivery

The scope of delivery includes:

1. the Rayocomp PS 10 plus
2. integrated polariser
3. integrated battery
4. charger
5. protective accessories
6. user manual
7. carry case (for art. no. 21130 and 21137)
8. membrane packaging (not for art. no. 21130 and 21137)

In the event that the device requires maintenance, it is essential to keep the packaging and return the device in the carry case or membrane packaging. Otherwise, no guarantee will be given.

If the old packaging is lost, new packaging can be requested for a fee.

When returning the device make sure that the additional parts in the case are firmly attached! Please enclose the charger with the PS 10 plus each time you return it.

2.2. Technical data

Weight of the Rayocomp PS 10 plus:	2.56 kg
Total weight with case and accessories:	10.66 kg
Height:	125 mm
Width:	165 mm
Depth:	265 mm
Input:	100 - 240 V AC / 0.8 A / 50 - 60 Hz
Output:	4.8 V - 12 V DC / 0.8 A
Max. power consumption when charging:	24 W
Battery:	7.2 V
Operating time with fully charged battery:	min. 15 hours
Operating temperature range:	5 - 40 °C

Protection class IP21:

Protection against the ingress of solid foreign bodies with a diameter of > 12.5 mm

Protection against vertically dripping water



- Always insert the protective plug when the memory card or Green-Card is not in use.

- Always insert the protective plug when the SD card is not in use.





2.3. Instructions for using the manual



Please read this manual carefully!

Observe all warnings and instructions and follow them exactly.

Warnings in this document

Warnings indicate safety-relevant information. You will find warnings in the section 'General warnings and safety instructions' as well as within action sequences before an action step that poses a risk to persons or objects.



Danger

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



Warning

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



Caution

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

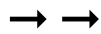


Hint

Indicates useful information within action sequences.



Type and source of danger



Measures / prohibitions



2.4. General warnings and safety instructions

The following warnings and safety instructions apply to the general use of the device.

Risks with regard to electric shock



Danger - Mains voltage

- There is a risk of electric shock if the cables are plugged into a mains socket.
 - To avoid electric shock, the cables must not be plugged into a mains socket.
 - The device must be set up in such a way that the charger is always accessible so that it can be disconnected from the mains supply.
 - The PS10 plus charger may only be operated in a dry environment.
-



Warning - Insulation fault

- There is a risk of electric shock if the insulation of the device and accessories is damaged.
 - The device must be set up in such a way that no liquids can penetrate the device or charger.
 - If liquid enters the device, unplug it immediately and send it to the manufacturer for inspection.
 - Cables with damaged insulation must not be used.
 - The PS 10 plus may only be operated with accessories authorised by the manufacturer and listed in the documents accompanying the PS 10 plus.
-



Warning - Earthing fault

- There is a risk of electric shock if the casing or other touchable conductive parts are not earthed or if earthing is carried out unintentionally.
 - The device may only be connected to the mains adapter supplied.
 - The mains adapter supplied may only be connected to a socket outlet with a protective earth.
 - When the client is connected to the device, the detectors must not be placed on earthed objects (e. g. radiators), as the client may be unintentionally earthed in this situation.
-



Warning - Unintended current flow and leakage currents

- There is a risk of electric shock or thermal injury due to unintentional current flow and leakage currents. The client must be insulated against all conductive parts.
- To avoid electric shock to the client/operator, all unused cables must be removed from the device outside and during use.
- No sharp metal objects may be inserted into the device, especially by children.
- For a complete disconnection from the mains supply, the mains plug must be removed from the protective contact socket, as the device is supplied with mains voltage even though it is switched off.
- The device must not be operated in conjunction with a multiple socket outlet. The use of multiple sockets can lead to leakage currents being exceeded.
- The device must not be operated in conjunction with a multiple socket outlet. The use of multiple sockets can lead to leakage currents being exceeded.



Warning - Damage to the display

- Mechanical damage to the display can cause a weakly corrosive liquid to escape and lead to injuries.
- To avoid injury if the display is damaged, contact with the skin and eyes must be avoided at all costs.

Risks relating to the device and accessories



Warning - Non-compatible accessories

- The use of incompatible accessories may result in injury to the client/operator and damage to the product.
- Only use accessories approved by Rayonex Biomedical between the device and the detectors.
- Only use accessories authorised by Rayonex Biomedical and listed in the accompanying documents.
- The device may only be connected to the supplied charger.



Warning - Damaged device and accessories

- The use of a damaged device / accessory, a device / accessory with inadequate function or the reuse of disposable products can cause an electric shock, mechanical or thermal injury or infection to the client or user.
- If the device or components (casing, cable, charger) are damaged, the device must be taken out of operation.
- Cables with damaged insulation must not be used.
- Falls and impacts must be avoided at all costs to prevent damage to the device.



Operator-related error prevention



Danger - Safety checks

- Regular safety checks must be carried out to ensure the performance and electrical safety of the device.
 - No regular service intervals are required for the Rayocomp PS 10 plus. This is due to the self-tests that the Rayocomp PS 10 plus performs automatically every time it is started. The operator must plan the periodic performance of safety-relevant tests with regard to electrical impedance, leakage currents, dielectric strength and visual inspection in accordance with IEC 62353 independently and have them performed by an authorised company.
 - To ensure the safety of the device, it may only be opened by the manufacturer. Repair, service and maintenance work may only be carried out by the manufacturer.
-

Risks with regard to environmental conditions



Warning - Use outside the intended environmental conditions

- Using the device outside the intended environmental conditions can have a negative impact on the basic safety of the device and lead to electric shock, mechanical or thermal injury to the client/operator and damage to the device.
 - The device must be checked for transport damage before commissioning.
 - The device should not be exposed to excessive temperature fluctuations, as the formation of condensation cannot be ruled out. If the device (e. g. after transport) has cooled down considerably (temperature below 5 °C) or has been exposed to high humidity, sufficient acclimatisation within the specified operating temperature range must be ensured before switching on again.
 - The device must not be used in an oxygen-enriched environment. To avoid electric shock, the cables must not be plugged into a mains socket.
 - No sharp metal objects may be inserted into the device, especially by children.
 - For a complete disconnection from the mains supply, the mains plug must be removed from the protective contact socket, as the device is supplied with mains voltage even though it is switched off.
-



Warning - Suffocation

- There is a risk that children will put the patient cables around their necks while playing and then step on the cable or get stuck with the cable → the cable tightens, risk of suffocation.
 - Cables must not be left lying around after use and children must not play with the device or accessories.
-



General information



Please note that the information, advice and solutions given here are based over 40 years of experience, but cannot replace a visit to the doctor. Furthermore, when treating with Rayocomp devices, the advice of an experienced specialist in the relevant field should be sought during treatment! Use in pregnant women, nursing mothers, infants, children and adolescents should be avoided due to the lack of clinical studies.



There is no danger if the device fails due to EM interference.



Possible life-threatening illnesses always require clear diagnostic clarification and timely treatment by a specialist.



The Rayocomp PS 10 plus has no features whose failure would lead to an unacceptable risk.



Videos and training courses are available for familiarisation with the Rayocomp PS 10 plus.



The Rayocomp PS 10 plus must not be serviced/maintained while the device is being used on a client.



There are no known risks of mutual interference due to the presence of the Rayocomp PS 10 plus during an application.



All devices that are connected (outside the client environment) must fulfil the requirements of EN 60950-1.



Repair, service and maintenance work on the device may only be carried out by the manufacturer. No measures are required to ensure the EMC service life.



The device should not be placed near other devices that emit HF interference.



Do not place any other objects on the device or place it on top of other devices.



Non-original accessories can have a negative impact on EMC performance.



The device is not intended for use in conjunction with flammable anaesthetics and other flammable substances.
















The service life of the device is at least 10 years.



The service life of the accessories is at least 10 years.



2.5. Symbols used for the Rayocomp PS 10 plus

	Serial number
	Article number
	Manufacturer
	Year of manufacture
	Operating temperature range
	Humidity (non-condensing)
	Air pressure
	Follow the manual!
	Store away from sunlight!
	Store in a dry place!
IP21	Protection against the ingress of solid foreign bodies with a diameter of > 12.5 mm Protection against vertically dripping water
	Disposal of electronic devices (no household waste)
	Protection class II: Protective insulation (e. g. plastic casing)
	For applied parts (detectors) of type BF.



2.6. Manufacturer's Declaration of Electromagnetic Compatibility IEC 60601-1-2 for the Rayocomp PS 10 plus

Guidelines Manufacturer's Declaration Electromagnetic Emissions for the device Rayocomp PS 10 plus

The Rayocomp PS 10 plus is intended for use in the environment specified below.

The user of the Rayocomp PS 10 plus should ensure that it is operated in such an environment.

Interference emission measurement	Compliance	Electromagnetic environment - Recommendations
High frequency emissions (CISPR 11)	Group 1	The Rayocomp PS 10 plus uses high-frequency energy exclusively for its internal function. Its high-frequency emissions are therefore very low and interference with neighbouring electronic devices is unlikely.
High frequency emissions (CISPR 11)	Class B	The Rayocomp PS 10 plus is suitable for operation in all environments including residential buildings and facilities that are connected directly (without a mains transformer) to the same low-voltage network as residential buildings.
Current harmonics (IEC 61000-3-2)	Class A	
Voltage fluctuations / flicker (IEC 61000-3-3)	is complied with	



Warning

- A minimum distance of 30 cm should be maintained between portable HF communication devices (radios), including their accessories such as external antennas, and the Rayocomp PS 10 plus and connected detectors. Failure to observe this can lead to a reduction in the performance characteristics of the device.
- Maintain a minimum distance of 30 cm.



Warning

- The use of this device immediately adjacent to other devices or stacked with other devices should be avoided as this could result in incorrect operation. If use in the manner described above is nevertheless necessary, this device and the other devices should be observed to ensure that they are operating correctly.
- Do not use the device directly next to other devices.
- Do not use the device directly next to other devices in stacked form.




**Guidelines Manufacturer's Declaration Electromagnetic Immunity
for the device Rayocomp PS 10 plus**

The Rayocomp PS 10 plus is intended for operation in an environment as specified below.
The user of the Rayocomp PS 10 plus should ensure that it operated in such an environment.

Interference immunity test	IEC 60601 Test level	Compliance level	Electromagnetic environment - Recommendations
Electrostatic discharge (ESD) (IEC 61000-4-2)	± 8 kV Contact discharge	± 8 kV Contact discharge	Floors should be made of wood, concrete or ceramic tiles. For synthetic floor coverings, the relative humidity should be at least 30 %.
	± 2 kV, 4 kV, 8 kV, 15 kV Air discharge	± 2 kV, 4 kV, 8 kV, 15 kV Air discharge	
Fast transient electrical disturbances / bursts (IEC 61000-4-4)	Supply lines: ± 2kV 100 kHz repetition frequency	Supply lines: ± 2kV 100 kHz repetition frequency	The quality of the supply voltage should correspond to that of a typical hospital or operating environment.
	Signal input section / signal output section: ±1 kV 100 kHz repetition frequency	Signal input section / signal output section: ±1 kV 100 kHz repetition frequency	
Surge voltages / Surge (IEC 61000-4-5)	Line against line: ± 1 kV	Line against line: ± 1 kV	The quality of the supply voltage should correspond to that of a typical hospital or operating environment.
	Line to earth: ± 2 kV	Line to earth: ± 2 kV	
Voltage dips, voltage interruptions (IEC 61000-4-11)	0 % UT; 1/2 period at 0, 45, 90, 135, 180, 225, 270 and 315 degrees	0 % UT; 1/2 period at 0, 45, 90, 135, 180, 225, 270 and 315 degrees	The quality of the supply voltage should correspond to that of a typical hospital or operating environment. If the user of the Rayocomp PS 10 plus requires uninterrupted operation in the event of a power supply failure, it is recommended that the Rayocomp PS 10 plus is connected to an uninterruptible power supply.
	0 % UT; 1 period and 70 % UT; 25/30 Periods Single-phase: at 0 degrees	0 % UT; 1 period and 70 % UT; 25/30 Periods Single-phase: at 0 degrees	
	0 % UT; 250/300 periods	0 % UT; 250/300 periods	
Magnetic fields of the supply frequency (50 / 60 Hz) (IEC 61000-4-8)	3 A / m / 50 Hz	3 A / m / 50 Hz	Magnetic fields of the supply frequency should correspond to those of typical hospital or operating environments.

Note: **UT** is the AC mains voltage before the test levels are applied



<p>Conducted disturbance variables induced by high-frequency fields (IEC 61000-4-6)</p>	<p>3 V 0.15 MHz to 80 MHz</p> <p>6 V in ISM and amateur radio frequency bands between 0.15 MHz up to 80 MHz 80 % AM at 1 kHz</p>	<p>3 V 0.15 MHz to 80 MHz</p> <p>6 V in ISM and amateur radio frequency bands between 0.15 MHz up to 80 MHz 80 % AM at 1 kHz</p>	<p>Portable and mobile radio devices must not be used at a distance from the Rayocomp PS 10 plus (including the cables) that is less than the recommended protection distance resulting from the equation specific to the transmission frequency.</p>
<p>High-frequency electromagnetic fields (IEC 61000-4-3)</p>	<p>3 V/m 80 MHz to 2.7 GHz 80 % AM at 1 kHz</p>	<p>3 V/m 80 MHz to 2.7 GHz 80 % AM at 1 kHz</p>	<p>Recommended safety distance: $d=1.2\sqrt{P}$</p> <p>$d=1.2\sqrt{P}$ 80 MHz to 800 MHz $d=2.3\sqrt{P}$ 800 MHz to 2.7 GHz</p> <p>where P is the rated power of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres (m). The field strength of stationary radio transmitters determined during an on-site investigation^a must be less than the maximum permissible field strength at all frequencies below the compliance level^b. Interference may occur in the vicinity of equipment marked with the following symbol.</p> 



**Guidelines Manufacturer's Declaration - Electromagnetic Immunity
for the device Rayocomp PS 10 plus**

The Rayocomp PS 10 plus is intended for use in the environment specified below.
The user of the Rayocomp PS 10 plus should ensure that it operated in such an environment.

Interference immunity test	High-frequency electromagnetic fields in the immediate vicinity of wireless communication devices		
Interference immunity test level / modulation	Test frequency / radio service	Compliance level	Electromagnetic environment - Recommendations
27 V/m PM 18 Hz	385 TETRA 400	27 V/m PM 18 Hz	Portable and mobile radio devices must not be used at a shorter distance from the Rayocomp PS 10 plus (including the cables) than the recommended safety distance resulting from the transmission frequency-specific equation. Recommended safety distance: $d=1.2\sqrt{P}$ $d=1.2\sqrt{P}$ 80 MHz to 800 MHz $d=2.3\sqrt{P}$ 800 MHz to 2.7 GHz where P is the rated power of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey ^a , should be less than the compliance level ^b in all frequency bands.
28 V/m at FM ± 5 kHz hub 1 kHz sine	450 GMRS 460, FRS 460	28 V/m at FM ± 5 kHz hub 1 kHz sine	
9 V/m PM 217 Hz	710 745 780 LTE Band 13, 17	9 V/m PM 217 Hz	
28 V/m PM 18 Hz	810 870 930 GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	28 V/m PM 18 Hz	
28 V/m PM 217 Hz	1720 1845 1970 GSM 1800, CDMA 1900, GSM 1900, DECT, LTE Band 1, 3, 4, 25; UMTS	28 V/m PM 217 Hz	
28 V/m PM 217 Hz	2450 Bluetooth, WLAN 802.11 b/g/n, RFID 2450, LTE Band 7	28 V/m PM 217 Hz	
28 V/m PM 217 Hz	5240 5500 5785 WLAN 802.11 a/n	28 V/m PM 217 Hz	



**Guidelines Manufacturer's Declaration - Electromagnetic Immunity
for the device Rayocomp PS 10 med.**

The Rayocomp PS 10 med. is intended for use in the environment specified below.
The user of the Rayocomp PS 10 med. should ensure that it operated in such an environment.

Interference immunity test	High-frequency electromagnetic fields in the immediate vicinity of wireless communication devices		
Interference immunity test level / modulation	Test frequency / radio service	Compliance level	Electromagnetic environment - Recommendations
27 V/m PM 18 Hz	385 TETRA 400	27 V/m PM 18 Hz	Portable and mobile radio devices must not be used at a shorter distance from the Rayocomp PS 10 med. (including the cables) than the recommended safety distance resulting from the transmission frequency-specific equation. Recommended safety distance: $d=1.2\sqrt{P}$ $d=1.2\sqrt{P}$ 80 MHz to 800 MHz $d=2.3\sqrt{P}$ 800 MHz to 2.7 GHz where P is the rated power of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey ^a , should be less than the compliance level ^b in all frequency bands.
28 V/m at FM ± 5 kHz hub 1 kHz sine	450 GMRS 460, FRS 460	28 V/m at FM ± 5 kHz hub 1 kHz sine	
9 V/m PM 217 Hz	710 745 780 LTE Band 13, 17	9 V/m PM 217 Hz	
28 V/m PM 18 Hz	810 870 930 GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	28 V/m PM 18 Hz	
28 V/m PM 217 Hz	1720 1845 1970 GSM 1800, CDMA 1900, GSM 1900, DECT, LTE Band 1, 3, 4, 25; UMTS	28 V/m PM 217 Hz	
28 V/m PM 217 Hz	2450 Bluetooth, WLAN 802.11 b/g/n, RFID 2450, LTE Band 7	28 V/m PM 217 Hz	
28 V/m PM 217 Hz	5240 5500 5785 WLAN 802.11 a/n	28 V/m PM 217 Hz	

→



The Rayocomp PS 10 med. is intended for use in an electromagnetic environment in which radiated HF disturbances are controlled. The user of the Rayocomp PS 10 med. can help electromagnetic interference by maintaining a minimum distance of 30 cm between portable and mobile HF telecommunications equipment (transmitters) and the Rayocomp PS 10 med.

The following notes refer to the tables shown above.

Note 1: At 80 MHz and 800 MHz, the higher frequency range applies.

Note 2: These guidelines may not be applicable in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

^a Field strengths from fixed transmitters, such as base stations for radiotelephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the Rayocomp PS 10 plus is used exceeds the applicable compliance level, the Rayocomp PS 10 plus should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the Rayocomp PS 10 plus.

^b Over the frequency range 150 kHz to 80 MHz, the field strength should be less than 3 V/m.



2.7. Transport and storage conditions

	Transport conditions		Humidity
	Storage conditions		Air pressure

2.8. Cleaning / maintenance and service

The surface of the device should be cleaned once a week with a soft cloth and a little alcohol. Harsh cleaning agents must generally not be used.

Detectors that come into contact with the client (e. g. Hand Detectors, Foot Detectors) must be cleaned after each use - preferably with alcohol.

	The general hygiene measures apply when handling potentially infectious clients! If the device comes into contact with infectious material, an appropriately effective disinfectant must be used for cleaning.
	Never immerse the device in liquid or under running water. Never use liquid or gaseous cleaning agents (sprays, scouring agents, polishes, etc.). Never allow liquids to get into the device or over the charger. If liquids do get into the device, disconnect the charger from the socket immediately!

No regular service intervals are required for the Rayocomp PS 10 plus. This is due to the self-tests that the Rayocomp PS 10 plus performs automatically every time it is started.

However, if there is a problem with the device, this will be displayed in the display after the self-test. In this case, please contact Rayonex Biomedical via support@rayonex.de.

	The device, accessories and connecting cables (especially the charger) must be checked regularly for damage by visual inspection. If damage to the casing, accessories or wiring is found, the device may only be put back into operation after it has been checked by the manufacturer.
	No changes or modifications may made to the device!

2.9. Auxiliary illustrations for the device

Buttons or segments of the Rayocomp PS 10 plus are frequently described in the further course of the manual. To make it easier for you to recognise them, they are shown below with a brief description.

2.9.1 Front view

Legend:

- 1: Display
- 2: Keyboard
- 3: Three output sockets for connecting the Hand, Foot or conventional Detectors as well as the Measuring and Protection Cup
- 4: Connection for the Rayotensor. For correct connection, the Rayotensor plug is inserted and then locked in place by turning the knurled screw.
- 5: Input socket
- 6: Memory card slot



2.9.2 Rear view

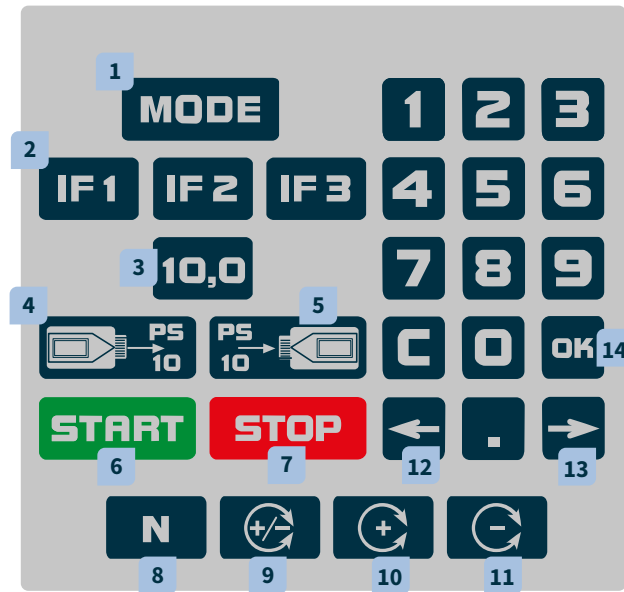
Legend:

- 7: On/off switch
- 8: Charging socket
- 9: SD card slot for software updates





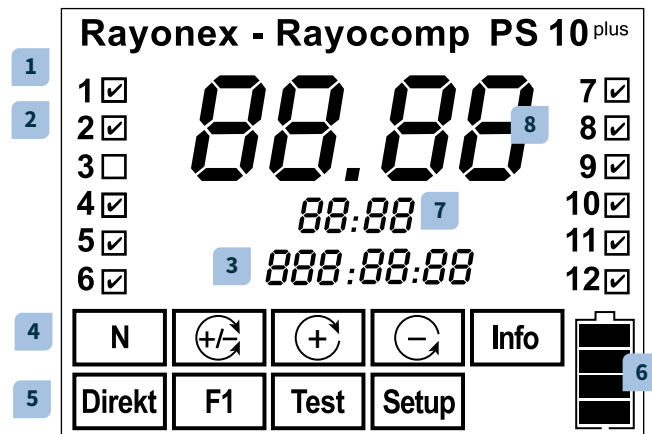
2.9.3 Keyboard



Legend:

- 10: **Mode** button for selecting the menu item
- 11: **IF 1** to **IF 3** buttons, for defining frequently used fundamental frequency values
- 12: **10,0** button, for quick access to this value and to activate the Test Protocols / M10
- 13: Button for loading the values from a memory card into the device
- 14: Button for saving the values from the device to a memory card
- 15: **Start** button
- 16: **Stop** button, for interrupting an automatic sequence or cancelling the function
- 17: **N** button of the polariser, this switches the polariser to neutral
- 18: **Plus/minus** button of the polariser, to switch to the bipolar function
- 19: **Plus** button of the polariser, to switch on a right-rotating polarisation
- 20: **Minus** button of the polariser, to switch on a left-rotating polarisation
- 21: **Left arrow** button, e. g. for selecting the RAH program during automatic program run
- 22: **Right arrow** button, e. g. for selecting the RAH program during automatic program run
- 23: **Numeric** keyboard for entering numbers, program numbers, **C** is used to delete, the dot is used, for example, to enter a program number (e. g. 01.00 Vitalisation)

2.9.4 Display



Legend:

- 1/2: Numbering of the modules. The Rayocomp PS 10 plus is designed for the activation of a total of eleven different modules. If the **Info** menu item is selected, the modules that have already been activated are displayed.
- 3: The remaining total harmonisation time is displayed here during harmonisation.
- 4: This shows which polarisation is currently set in the device.
- 5: This shows which menu item is selected.
- 6: This symbol indicates the charge level of the battery. If all four bars are visible, the battery is full. If no more bars are displayed, the battery is discharged.
- 7: During harmonisation with RAH programs, for example, the remaining harmonisation time of the current RAH program is displayed here.
- 8: Here, for example, the currently set fundamental frequency value to support holistic well-being is indicated. The digits are particularly large so that they are easy to read.

2.9.5 Accessories

Only accessories approved by Rayonex Biomedical may be connected to the product. If accessories not approved by Rayonex Biomedical are used, the device may be damaged or may not perform as intended.

The following accessories among others may be used with the Rayocomp PS 10 plus:

- Green-Card (art. no. 359)
- Foot Detector (pair) (art. no. 318)
- Rayotensor for Rayocomp (art. no. 362)
- Hand Detector (pair) (art. no. 319)
- Stand for Rayotensor (art. no. 120)
- Fabric Detector: fitted sheet (art. no. 30323)



The use of accessories from other manufacturers is prohibited.

The Metal Detectors (Foot and Hand Detectors) are connected to one of the outputs (2.9.1 front view). Hold the Hand Detectors with your hands, and step on the Foot Detectors barefoot for optimal use.



2.9.6 Waste disposal

Disposal information for private users:

Attention: Your device bears this symbol:



It stipulates that electrical and electronic equipment should not be disposed of with household waste at the end of its product life, but should be taken to a separate take-back system. By disposing of them properly, you help to ensure that old devices are collected, treated and recycled appropriately. This prevents possible harmful effects on the environment and health due to improper disposal.

In the European Union:

Caution: Do not dispose of this device with normal household waste! According to the EU directive, which stipulates the proper return, treatment and recycling of used electrical and electronic equipment, old electrical and electronic equipment must be disposed of separately. Following the introduction of the directive in the EU member states, private households can now hand in their used electrical and electronic equipment free of charge at designated collection points. In some countries, you may also be able to return old devices to your specialist retailer free of charge if you buy a comparable new device.

For further details, please contact your local authority or waste disposal centre.

In other countries outside the European Union:

Please enquire at your local authority or disposal centre about the correct procedure for disposing of this device.

2.9.7 Check before use

The Rayocomp PS 10 plus, the charger, the accessories and the connecting cables must be visually inspected for damage before use. If damage to the casing, accessories or cabling is found, the device may only be put back into operation after it has been checked by the manufacturer.

3. OPERATING INSTRUCTIONS

3.1. General operating instructions

3.1.1 Charging the integrated battery

The Rayocomp PS 10 plus has an integrated battery so that the device can be operated without being connected to a power supply. The battery can only be charged when the PS 10 plus is switched off. The Rayocomp PS 10 plus cannot be charged when harmonising! However, if the charger plug is inserted while the device is switched on, the device switches off. The device cannot be switched on while charging.

Important: Please only charge the Rayocomp PS 10 plus when 'Er29' is displayed. If the Rayocomp PS 10 plus is not used for a longer period of time, fully charge the battery beforehand and recharge it approx. every three months!

The charging time when the battery is empty is 7-9 hours. To avoid unnecessary exposure to electrosmog, unplug the charger from the socket when not in use.

And this is how you charge the Rayocomp PS 10 plus:

1. Switch off the device.
2. Plug the charger into the socket.
3. Plug the charging cable into the back of the device (see chapter 2.9.2).
4. The charger displays the various charging processes (see table). When the green LED lights up continuously, the charging process is complete.
5. Disconnect both the plug from the back of the device and the charger from the socket.



Function		Yellow	Green
Ready:	Charger is waiting to charge.	lights up	
Summons:	Checks whether charging is necessary.	flashes slowly	
Main charge:	Battery is charged with constant current.		flashes quickly
Reloading:	Charging current is reduced.		flashes slowly
Error:	Loading cannot be started.	flashes quickly	
Done:	Rayocomp PS 10 plus can be used.		lights up
Waiting:	Charger is not ready.	flashes slowly	flashes slowly

Note: The charge status of the battery is always shown on the display. You can use this bar display to estimate how long the device can still be operated with the battery before it needs to be recharged. The Rayocomp PS 10 plus cannot be charged when harmonising.

3.1.2 Switching the device on and off

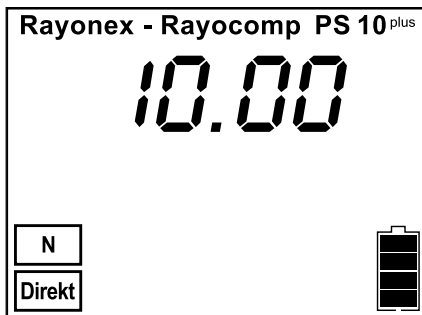
To switch the Rayocomp PS 10 plus on and off, use the switch at the back of the device. Please ensure that no memory card is inserted in the device when switching it on.

After switching on the device, a short test is carried out.

In addition to a mechanical test, the battery is also checked. If the message 'Er 29' appears, the battery must be charged before the device is put into operation. The device then switches to the **Direct** menu item and is immediately ready for use.



The display shows:



The device does not have to be switched to a special menu item before it is switched off. You can therefore switch off the device at any time. Please note that the resonance values or RAH programs

found in the **Test** menu item are lost when switching off. If the battery becomes so discharged during operation that proper operation can no longer be guaranteed, this will be signalled by a multiple beep. In this case, the battery must be recharged immediately to prevent damage.

Important note: You cannot damage the device if you switch it off at any time. Neither integrated harmonisation programs will be lost nor will the hardware be damaged.

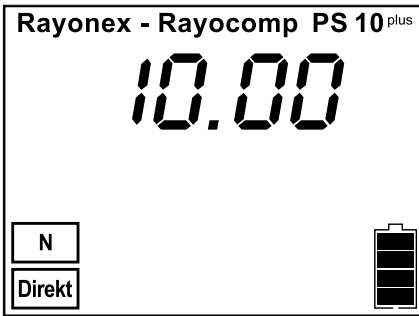
3.1.3 Select the menu using the 'Mode' button

MODE

The Rayocomp PS 10 plus has various menu items. Each menu item provides special application options. The subdivision into menu items therefore serves to simplify operation. The following menu items are available:

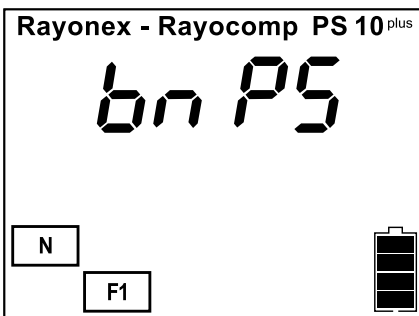
- 24: Menu item **Direkt** : This menu item enables the automatic running of fundamental frequency values or program components from the RAH that have been saved on a Green-Card. Fundamental frequency values of Bioresonance according to Paul Schmidt (BaPS) can be tested and harmonised.
- 25: Menu item **F1** : Under menu item **F1**, fundamental frequency values or RAH program components can be entered into the internal device memory of the Rayocomp PS 10 plus in order to either save them on a Green-Card after entry or to use them directly for harmonisation.
- 26: Menu item: **Test** : This menu item provides all the options for testing fundamental frequency values or RAH programs.
- 27: Menu item **Setup** : This menu item is used to change the default settings of the device, to obtain information about the memory cards, to activate specific modules and to carry out a general device test.
- 28: Menu item **Info** : Select this menu item to obtain information on the serial number of the device. The integrated software version and the existing hardware version are also displayed.

3.1.4 How the 'Mode' button works

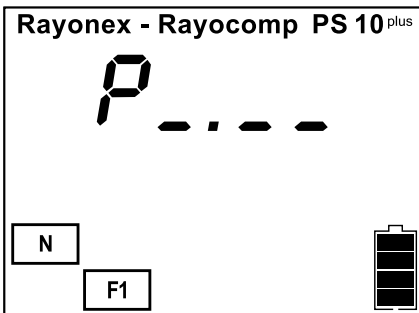


After the Rayocomp PS 10 plus has been switched on, the device shows the menu item **Direkt** on the display:

Now press the button: **MODE**

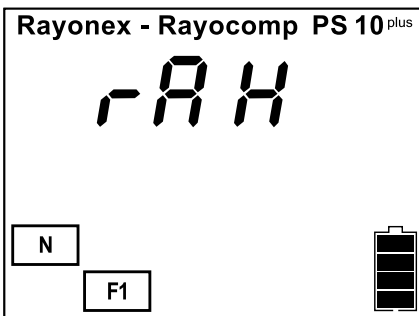


The Rayocomp PS 10 plus switches to the menu item **F1** 'BaPS' and shows on the display:

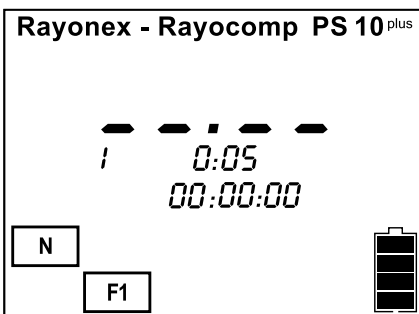


If the **Mode** button is not pressed again for a short moment, the PS 10 plus automatically starts the input screen to enter the BaPS programs.

Again, press the button: **MODE**

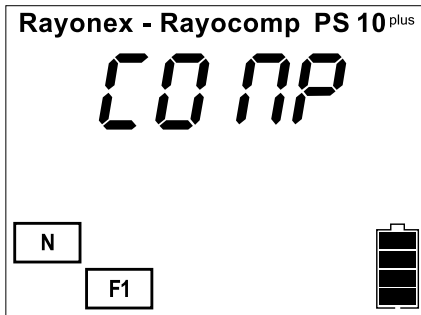


Pressing the **Mode** button again switches the Rayocomp PS 10 plus to the RAH module. If the RAH module M10 is activated, the display briefly shows 'rAH'.

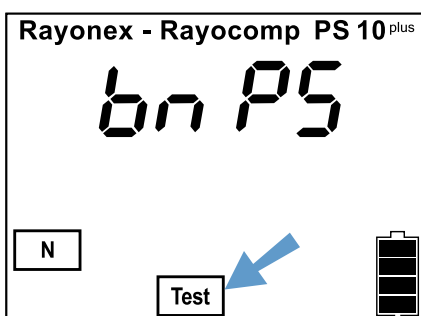
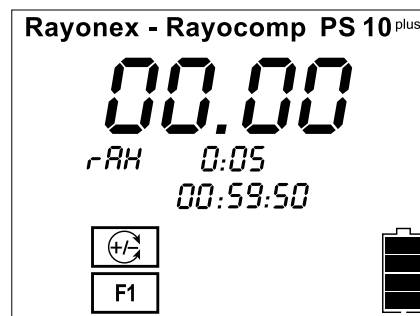
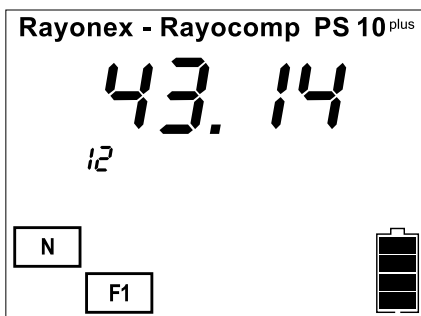
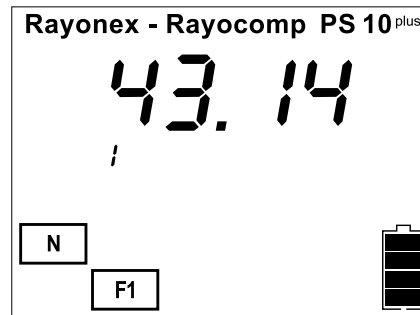
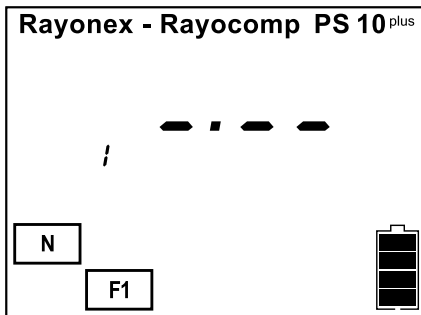


The relevant RAH programs can then be entered via the input screen.

If a module M9, module M10 or module M11 for the veterinary sector has been activated in the Rayocomp PS 10 plus, you have an additional function if you again press the button **MODE**.



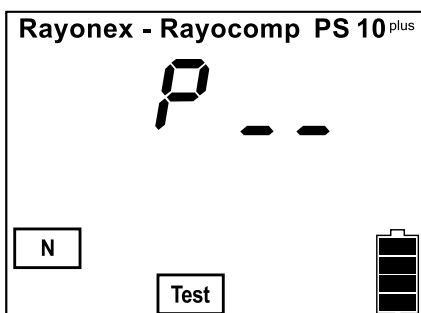
If the button **MODE** is pressed again, 'COMP' offers the option of selecting a Compact Program for harmonisation.



After pressing the **MODE** button again, the Rayocomp PS 10 plus switches to the **Test** menu item and shows on the display:

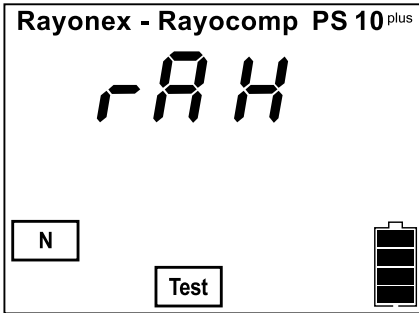
If the button **MODE** is not pressed again after the **Test** 'BaPS' menu item has been called up, the following prompt appears:

BaPS programs can be tested at this point.



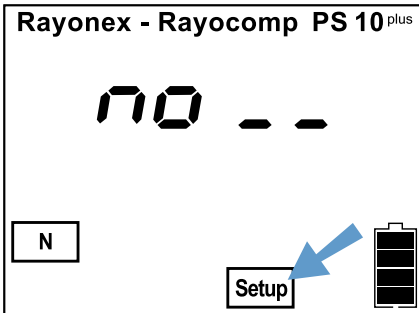
If the module M10 is activated on the device, the **Test** 'RAH' menu item is displayed after the **Test** 'BaPS' menu item. This menu item can be accessed by pressing the **Mode** button again.

Again, press the button: **MODE**



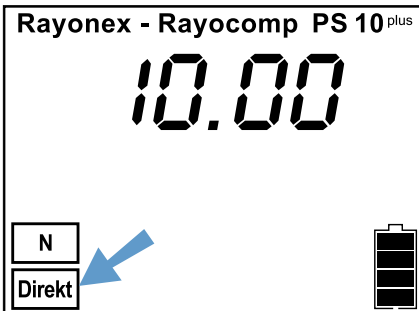
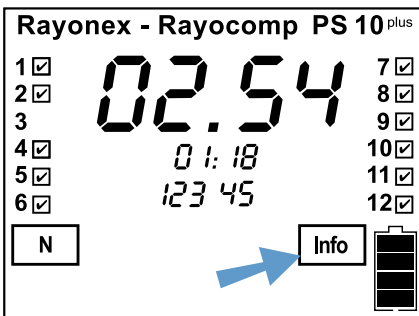
The Rayocomp PS 10 plus switches to the menu item **Setup** and shows on the display:

Again, press the button **MODE**:



The Rayocomp PS 10 plus switches to the menu item **Info** and shows on the display:

Press the button **MODE** again to return to the **Direct** menu item and the display shows again::



3.1.5 Operation of the integrated polariser and the Rayotensor

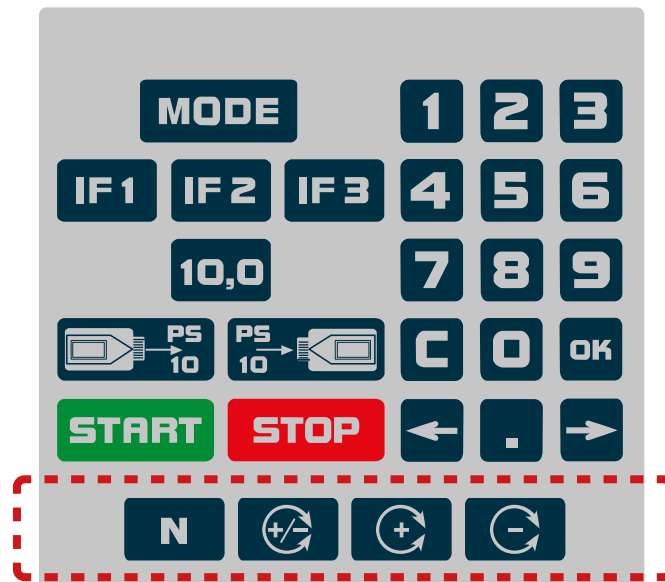
The Rayocomp PS 10 plus has an integrated polariser, which significantly increases the ease of use.

The functions of the integrated polariser can be used either via the keyboard or via the Rayotensor. As it is rather annoying if the keyboard has to be used during testing, we recommend using the button on the Rayotensor to execute the functions of the integrated polariser from the outset.

Basically, using the polariser in conjunction with the Rayocomp PS 10 plus offers the following advantages:

- During testing, the polariser can be used to determine whether a burden is heavy or weak.
- The bipolar function (+/-) has an intensifying effect, especially during harmonisation.

The functions of the polariser on the keyboard can be used via these four buttons::



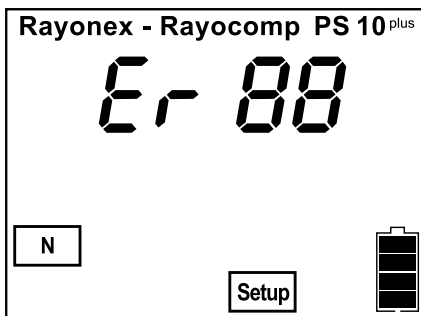
The polariser functions can also be set directly with the Rayotensor when testing fundamental frequency values. Pressing the button on the Rayotensor in the direction of the connection cable, i. e. to the rear, you change the current polarisation of the frequencies.

3.1.6 Display of errors

Even though the Rayocomp PS 10 plus is very easy to operate, it can happen that at a certain point in the program a button is pressed that has no function. The user is informed of this by an acoustic signal.

The Rayocomp PS 10 plus distinguishes between three different errors and acoustic signals:

- A long beep:** The device uses this to confirm a successfully completed action, e. g. an entry or saving.
- Two short beeps:** The pressed button has no function at the current position.
- Two long beeps:** A critical error has occurred. The device outputs an error code. The error code can be found in the appendix (chapter 8).



If an error is detected, the device displays the following, for example:

If you take a look at the list in chapter 8, you will see the error 'Er 88' ('Er' is the abbreviation for error) and the information that an attempt was made to read from a memory card, but that this is not inserted.

Note: The acoustic signal can be switched on or off in the **Setup** menu item.

3.1.7 Changing the battery

To change the battery, place the Rayocomp PS 10 plus upside down on a soft surface, such as a towel, so that the case of the device will not be scratched.

Then loosen the four screws on the battery (see picture).

Hold the battery with one hand and turn the device around. The battery to be replaced will then fall into the palm of your hand. Hold the battery firmly and disconnect the cable connection.

Now insert the cable connection into the new battery and screw it back on with the four screws you loosened earlier.

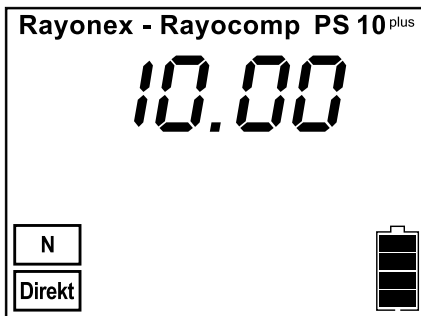
Do not screw the battery on too tightly. A good indication is when the surface of the battery is exactly flush with the floor, although the screws can be tightened more.



3.1.8 Setting individual fundamental frequency values of the BaPS in the menu item 'Direkt'

The **Direkt** menu item is used to enter individual fundamental frequency values for the BaPS. The value is entered using the keyboard and confirmed with the **OK** button. The device then sets the value automatically.




Example: Setting the fundamental frequency value 99,50



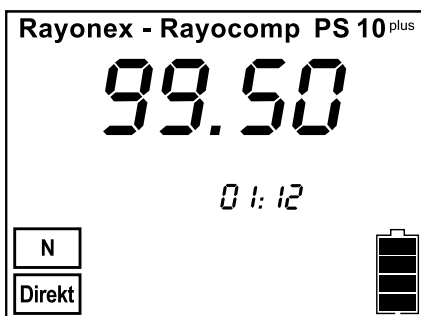
After switching on the device, you are in the menu item **Direkt**.

The display shows:

Note: It should be noted at this point that entering the comma is optional in this example. However, the comma can help when entering single-digit values.

The Rayocomp PS 10 plus interprets the input of    as FFV 9,00.

Now press the following buttons:      



The Rayocomp PS 10 plus now sets the fundamental frequency value to 99,50 and shows on the display:

Beneath the fundamental frequency value the elapsed time begins to run (here: 1 minute and 12 seconds).

The test can now begin with the help of the Rayotensor.

- ▶ A linear movement at the Rayotensor = harmonisation required
- ▶ Rotation at the Rayotensor = no harmonisation required

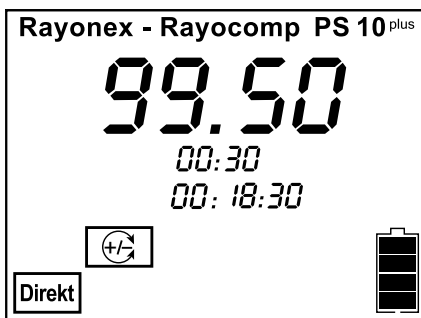
A new fundamental frequency value can be set at any time.

3.1.9 Automatic program sequence by using a Green-Card in the menu item 'Direct'

A special function has been added to the Rayocomp PS 10 plus under the **Direct** menu item. If a Green-Card is inserted there, an automatic harmonisation run is started. First, the individual fundamental frequency values stored on the Green-Card are harmonised for 30 seconds each and then the RAH programs stored on the same card are harmonised. Clients can therefore very easily use a Green-Card compiled by the therapist for home therapy.

The following must be done for the automatic program sequence under the 'Direct' menu item:

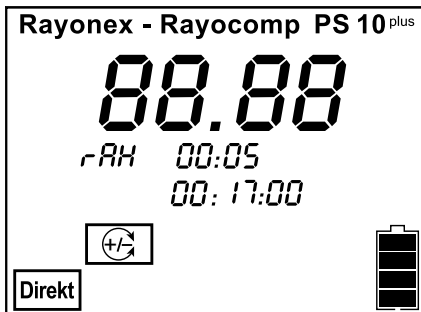
- 29: Insert the Green-Card into the memory card slot.
- 30: The fundamental frequency values and RAH programs on the card are now read into the Rayocomp PS 10 plus and are available for harmonisation. The Green-Card must be removed from the card slot immediately after loading.
- 31: The automatic harmonisation run begins.



Firstly, the fundamental frequency values stored on the Green-Card are set. The display shows e. g.:

After the fundamental frequency values have been set one after the other, the automatic harmonisation of the loaded RAH programs begins with the individually stored harmonisation times.

If only RAH programs have been loaded from the Green-Card, only RAH programs will be harmonised. The same applies to fundamental frequency values.



In the automatic harmonisation run of the RAH programs, the display shows:

The display shows 'rAH' so that you know immediately that RAH programs are currently being harmonised.

Note: The Rayotensor can be used to advance the individual fundamental frequency values or RAH programs if, for example, the Rayotensor shows that harmonisation has already been completed prematurely.

4. THE RAYOCOMP PS 10 PLUS

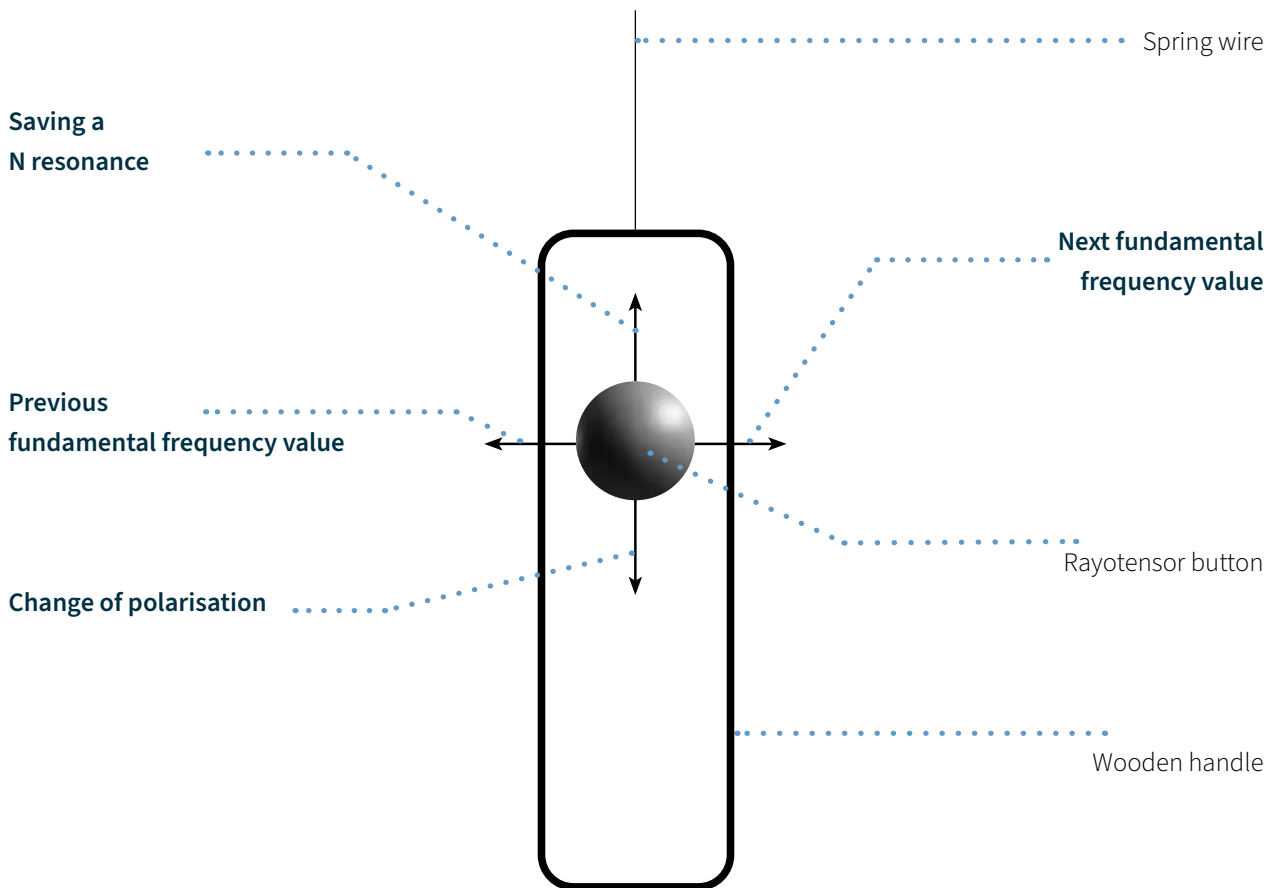
The Rayocomp PS 10 plus is not only an ideal device for getting started in the world of Bioresonance according to Paul Schmidt, but also a portable bioresonance device for professionals.

All test and harmonisation options from the field of Bioresonance according to Paul Schmidt (BaPS) and the Rayonex Analysis and Harmonisation System (RAH) are offered in the Rayocomp PS 10 plus.

Modules M1, M2 and M4 relate to the application of Bioresonance according to Paul Schmidt, modules M5 - M12 contain test and harmonisation options from the Rayonex Analysis and Harmonisation System (RAH).

4.1. BaPS and RAH in the test

4.1.1 Rayotensor functions in the BaPS at overview



To save a resonance (RN) during the range value test, the button of the Rayotensor is pushed in the direction of the spring wire (top).

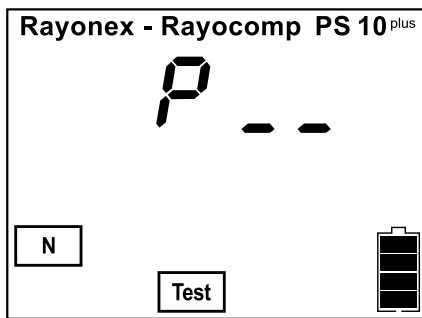
The resonance value is then saved and automatically assigned the optimum bipolar polarity (+/-) during harmonisation

4.1.2 BaPS in the test

The range value test is the first test (P01) offered in module M2 of the 13 test programs of the BaPS. As in the example of the range value test, all other test programs in module M2 of the BaPS can also be tested and energetic blockages can be saved.

Here are the tests in detail:

Display	Program name
P 01	Testing with range values
P 02	Test with memory card values
P 03	Test with integrated programs
P 04	Electromagnetic pollution test
P 05	Geopathy test
P 06	Check-up test
P 07	Bacteria and viruses test
P 08	Parasite test
P 09	Acid-base test
P 10	Quick test of the 14 meridians
P 11	Vital substance test
P 12	Building biology (topic related)
P 13	Building biology (numerical)




Switch on the Rayocomp PS 10 plus. Select the **Test** 'BaPS' menu item with the button **MODE**.

Just like the **F1** menu item, **Test** is divided into 'BaPS' and 'RAH'. The number of the respective BaPS test program must now be entered here.

If you enter 01, you can carry out a range value test, with 02 you can read in and test the fundamental frequency values of a memory card. If you enter 03, you can test the integrated programs. The test programs 04 to 13 represent special compilations of fundamental frequency values.

Note:

At any time, the fundamental frequency values tested with resonance can be saved on an inserted memory card by pressing the  button. For example, you can read in the fundamental frequency values from a memory card, test them and then save the resonances found on the same card. This makes particular sense if the resonances of a range value test are to be retested.

Please note that pressing the button overwrites all values on the card. As soon as the values to be checked are available, the test sequence is always the same.

4.1.3 Testing with the modules M2 / M4

- Module M2 'Bioresonance according to Paul Schmidt' (art. no. 20022)
- Module M4 'Programs according to Dr Elmar Ulrich' (art. no. 20040)

Switch on the Rayocomp PS 10 plus. Press the **MODE** button to access the test mode of the BaPS. Enter the 03 and confirm the entry with the **OK** button.

Enter the program number of the integrated harmonisation program you wish to test, e. g. 'P 1.51 Pre-control' (54 harmonisation programs) or 'P 2.01 Lung meridian' (acupuncture programs) or 'P 3.01 Check-up test' (special programs) or 'P 4.01 Allergy program' (Dr Ulrich programs).

Confirm the entry with the **OK** button. The test can begin.

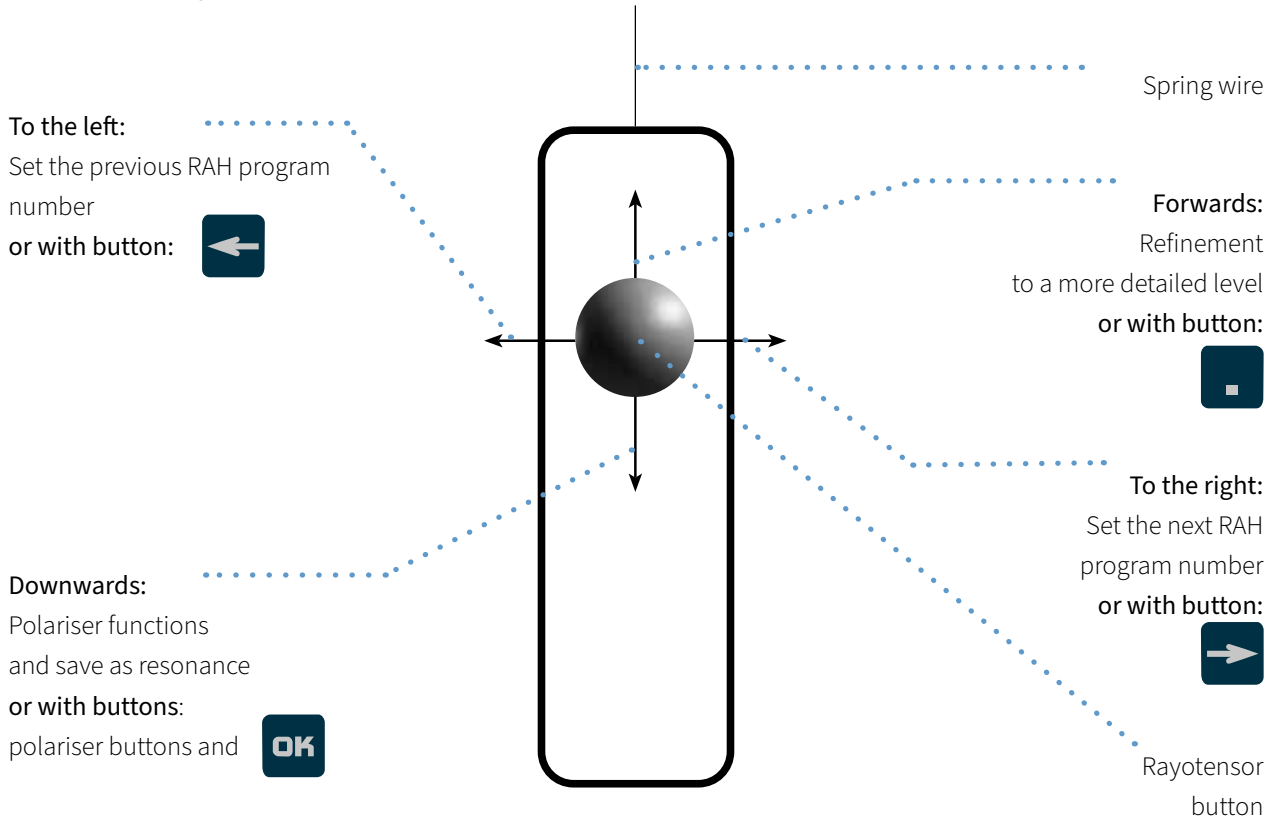
- ▶ A linear movement at the Rayotensor = harmonisation required
- ▶ Rotation at the Rayotensor = no harmonisation required

You can use the control button on the Rayotensor to save fundamental frequency values with an energetic weakness (control button upwards) or go to the next fundamental frequency value (right-click).

4.2. Rayonex Analysis and Harmonisation System (RAH) in the test

4.2.1 The functions of the Rayotensor in the Rayonex Analysis and Harmonisation System (RAH)

The four operating functions of the Rayotensor via the control button or keyboard

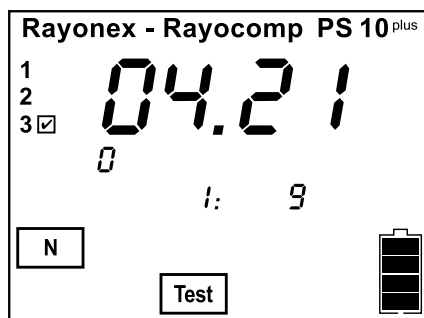


You can now continue testing from program to program within the first level by switching the button on the Rayotensor to the right; the polariser is automatically set to 'neutral'. If rotation on the Rayotensor cage occurs immediately when a program is selected, there is no need to harmonise here.

A linear movement on the Rayotensor cage indicates that harmonisation is useful and by switching the Rayotensor button downwards, this program can be saved as requiring harmonisation, it is marked with RN. All programs saved as 'blocked' can be harmonised and/or saved on a Green-Card after testing.

4.2.2 Test of the RAH modules M3 / M5 / M6 / M7 / M10 / M11 / M12

- Module M3 'RAH Phytotherapy' (art. no. 20024)
- Module M5 'RAH Global Test Human' (art. no. 20055)
- Module M6 'RAH Global Test VET' (art. no. 20097)
- Module M7 'Building Biology' (art. no. 20075)
- Module M10 'RAH Human for analysis and harmonisation' (art. no. 20092)
- Module M11 'RAH VET for analysis and harmonisation' (art. no. 20098)
- Module M12 'RAH C-Module' (art. no. 20023)



Switch on the Rayocomp PS 10 plus.

Press the **MODE** button five times to access the test mode of the RAH.

Enter the program number of the RAH program with which you want to start the test, e. g. '00.00 Analysis preparation' and confirm the entry with the **OK** button. The RAH program is uploaded in the Rayocomp PS 10 plus and made available for testing.

The test can begin.

- A linear movement at the Rayotensor = harmonisation required
- Rotation at the Rayotensor = no harmonisation required

You can use the control button on the Rayotensor to save RAH programs with energetic weaknesses (control button down), go to the next RAH program (right-click) or switch to the next program level (control button up).

4.2.3 The level test in the RAH modules M3 / M5 / M6 / M7 / M10 / M11 / M12

If a RAH program of the main level (1) is selected with the Rayotensor and an energetic disturbance is detected, you can switch to the next detail level (2 or 3) using the control button (slide in the direction of the spring wire) in order to test further detailed subprograms.

Energetically blocked RAH programs are saved via the Rayotensor (control button down) and a right-click takes you to the next RAH program. This level structure runs like a common thread through the entire RAH and enables fast, efficient testing. The Test Protocols for analysis and harmonisation are only offered in the RAH module M10 (art. no. 20092).

For the Rayocomp PS 10 plus, the Test Protocols for analysis and harmonisation are only available in the RAH module M10 (art. no. 20092) and in the RAH module M11 (art. no. 20098).

4.2.4 Activation of a Test Protocol

Press the **MODE** button 5 times to access the RAH test mode. Enter the program number of the RAH Test Protocol (RAH '43.13 Bronchitis, acute') and confirm the entry with the **OK** button.

Activate the Test Protocol by pressing the **10,0** button. The RAH Test Protocol is uploaded to the Rayocomp PS 10 plus and made available for testing; you are automatically taken to the first RAH program of the Test Protocol.

Right-click to access the other RAH programs in the Test Protocol, which are presented to you one after the other.

4.3. The Green-Card

All test and harmonisation modules of Bioresonance according to Paul Schmidt and RAH work hand in hand with the Green-Card. On the one hand, fundamental frequency values or RAH programs can be saved and used again for harmonisation at a later time, and on the other hand, saved fundamental frequency values and RAH programs can also be used for repeated testing after being saved on a Green-Card.


Here are a few important details about the Green-Card:

The fundamental frequency values are stored on a Green-Card without specifying the polarity, as automatic harmonisation always involves bipolar harmonisation.

Many years of experience have shown that in the case of a bipolar offer, the organism independently chooses which form of optimal support it needs in terms of harmonisation. Of course, a Green-Card can also be deleted, rewritten and write-protected.

4.3.1 Saving the fundamental frequency values / RAH programs on a Green- Card

If all fundamental frequency values from the range value test or programs from the RAH test have been tested and the energetically blocked fundamental frequency values / RAH programs have been saved via the Rayotensor, the test result can be saved on a Green-Card for future harmonisation or retesting.

To do this, the Green-Card is inserted into the card slot. By pressing the button  the stored fundamental frequency values / RAH programs are saved on the Green-Card.

4.3.2 Testing with fundamental frequency values / RAH programs from a Green- Card

Fundamental frequency values of Bioresonance according to Paul Schmidt or RAH programs stored on a Green-Card can be used again for testing.


And this is how it works with Bioresonance according to Paul Schmidt (BaPS):


Select the **Test** 'BaPS' menu item using the  button.

Now insert the memory card into the card slot, enter the number 02 using the keyboard and confirm the entry with the **OK** button.

The Rayocomp PS 10 plus now loads the fundamental frequency values of Bioresonance according to Paul Schmidt from the Green-Card and then switches to the test mode already displayed. Remove the Green-Card. The test can begin.

And this is how it works in the RAH:

Select the **Test** 'RAH' menu item using the  button.

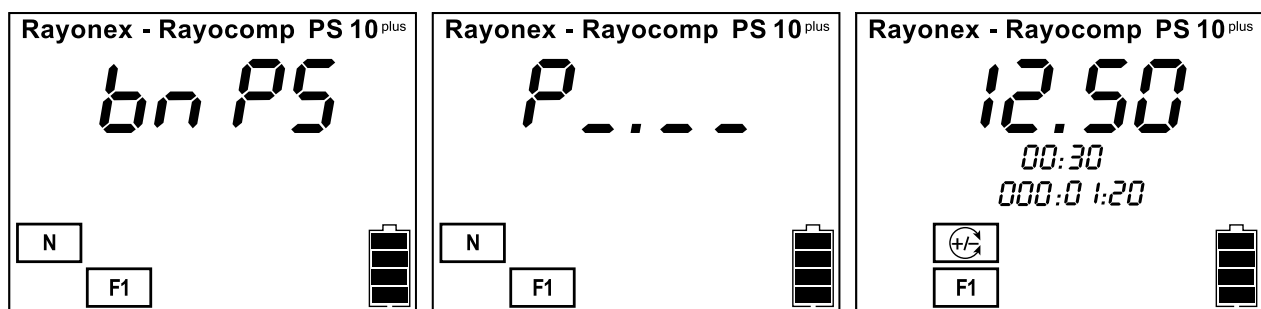
Now insert the memory card into the card slot and press the button: . The Rayocomp PS 10 plus now loads the RAH programs from the Green-Card and then switches to the test mode already displayed. Remove the Green-Card. The test can begin.

4.3.3 Automatic harmonisation of BaPS and RAH from a Green-Card

A special function has been added to the main menu of the Rayocomp PS 10 plus. If a Green-Card is inserted there, an automatic harmonisation run is started. Immediately after the start, the individual fundamental frequency values stored on the Green-Card are harmonised for 30 seconds each, then all stored RAH programs are harmonised one after the other with the corresponding harmonisation time. Clients can therefore very easily use a Green-Card compiled by the therapist for home therapy.

4.4. Direct harmonisation

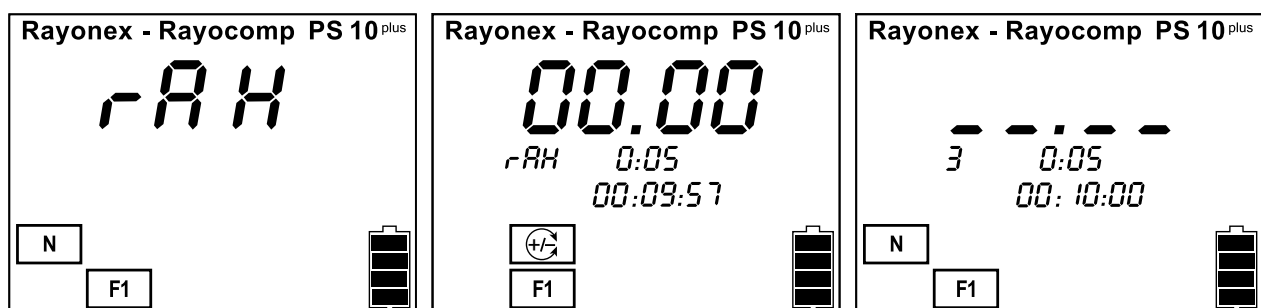
4.4.1 Direct harmonisation of the BaPS



After the last fundamental frequency value has been tested, switch to F1 'BaPS' by pressing the **MODE** button five times, enter 0.00 via the keyboard, press **START** and then has the option of changing the harmonisation time again.

If the specified harmonisation time 00.30 sec./FFV is confirmed with **OK**, the direct harmonisation of the stored fundamental frequency values with the bipolar polarity starts.

4.4.2 Direct harmonisation in the RAH

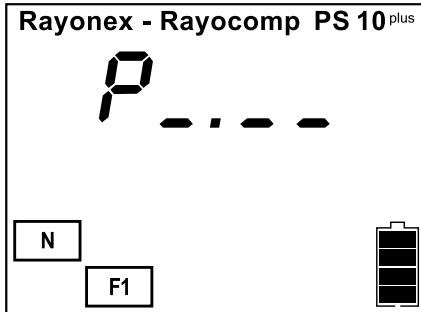


After the last RAH program has been tested, press the **MODE** button five times to switch to F1 'RAH' and press the **START** button.

The Rayocomp PS 10 plus immediately starts harmonising the first stored RAH program and the polariser switches to the bipolar setting.


4.4.3 Load fundamental frequency values from memory card and harmonise in the BaPS

If you have saved the resonance values of a range value test on a Green-Card for example, you can have these harmonised under F1 'BaPS'.



To do this, select the F1 menu item using the **MODE** button.

The display shows:

Now insert the memory card into the Rayocomp PS 10 plus and press the following button: . The resonance values on the card are now read into the Rayocomp PS 10 plus and are available for harmonisation.

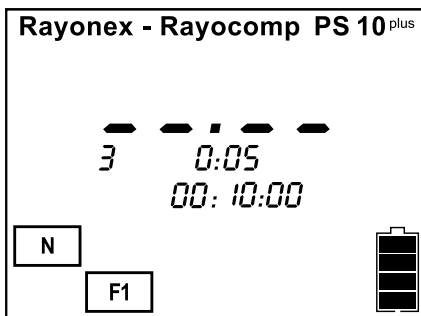
Remove the Green-Card and press the button: **START**. You now have the option to change the individual harmonisation time again.

After pressing the: **START** button again, harmonisation starts and the polariser switches to the bipolar setting.

Tip: You can save fundamental frequency values to a memory card in the **Setup** menu item.


4.4.4 Load RAH programs from memory card and harmonise in RAH

If, for example, you have saved RAH programs requiring treatment on a Green-Card after a test in the RAH, you can have these harmonised under F1 'RAH'.



To do this, select the F1 menu item using the **MODE** button .

The display shows:

Now insert the memory card into the Rayocomp PS 10 plus and press the following button: . The RAH programs on the card are now loaded into the Rayocomp PS 10 plus and are available for harmonisation.

Remove the Green-Card and press the button **START**. Harmonisation starts and the polariser switches to the bipolar setting.

4.4.5 4.4.5 Pause function and end harmonisation in the BaPS / RAH

Pressing the **STOP** button once to pause the harmonisation. You can restart the harmonisation by pressing the **START** button. To end the harmonisation and reset the RAH module, the **Stop** button must be pressed twice.

4.5. The modules M3 / M8 / M9 / M10 / M11 / M12

■ M3: RAH-PHYTOTHERAPY (ART. NO.: 20024)

The module M3: RAH Phytotherapy expands the RAH system of the Rayocomp PS 10 plus with 98 programs with plant-related frequency spectra. Within Bioresonance according to Paul Schmidt, these programs are used for energetic analysis and individual testing. Using the level testing function, you can switch directly from the main program to the detailed programs and perform specific tests there. Once the selected programs have been saved, they are available as usual for energetic harmonisation.

■ M8: RAH COMPACT PROGRAMS (ART. NO.: 20085)

Module M8 is the ideal entry module. The 166 RAH Compact Programs provide tried and tested of RAH programs for the human and veterinary field. All Compact Programs can easily be used for harmonisation.

■ M9: RAH HUMAN FOR HARMONISATION (ART. NO.: 20090)

The module M9 provides access to over 3,600 programs of the Rayonex Analysis and Harmonisation System (RAH). The programs contained in the module M9 are available for harmonisation once they have been entered via the keyboard.

■ M10: RAH HUMAN FOR ANALYSIS AND HARMONISATION (ART. NO.: 20092)

Module M10 is the highest quality and most comprehensive module for the Rayocomp PS 10 plus in the human field. All available test and harmonisation programs of the Rayonex Analysis and Harmonisation System (RAH) can be conveniently accessed by a level test via the Rayotensor, so there is no need to enter the test programs manually. Special Test Protocols have been integrated to offer a further test and harmonisation option. The Test Protocol lists all relevant RAH programs related to a specific disease and offers them for quick testing.

■ M11: RAH VET FOR ANALYSIS AND HARMONISATION (ART. NO.: 20098)

The combination of programs in the RAH VET enables a quick, direct access to the energetic testing and harmonisation of horses, dogs and cats in the fields of physiology and pathology. The over 1,600 test and harmonisation programs available in the RAH VET can be conveniently accessed by means of a level test via the the Rayotensor.

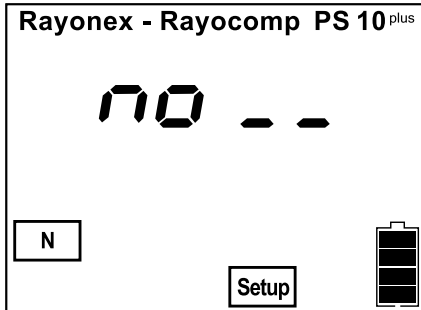
■ M12: RAH C-MODULE (ART. NO.: 20023)

The module represents a development platform in RAH related to frequency spectra of cell degeneration. The aim of this module is to uncover connections, risks and causes of cell degeneration with Bioresonance according to Paul Schmidt and the RAH and to provide new insights into the cause-orientated treatment approach to cell degeneration. Module M12 can be used for testing and harmonising as well as for preventive purposes.

A detailed description and explanation of all modules available for the Rayocomp PS 10 plus can be found in the in the 'Manual of the modules' (art. no.: 91060EN).

5. SETUP

The **Setup** menu item was created so that the Rayocomp PS 10 plus can be customised with specific presets. In addition to changing the default settings, test functions and important and useful functions relating to memory cards are also available.



Select the **Setup** menu item using the **MODE** button. The display shows:

The device now waits for a setup number to be entered, which can then be used to access the relevant setup function. For example, if the setup number 10 needs to be entered, first press 1, then 0 and then **OK** to confirm the entry. Everything else is described in the following sub-chapters.

For easier orientation, you will find the setup number to be entered in large letters in the respective sub-chapter.

Please note: You cannot cause any damage with the settings in the setup or permanently delete anything in the device. Every setting on the device can be reset to its original state. Be brave and give it a try. This is the best way to get to know your Rayocomp PS 10 plus.

5.1. Settings for the backlight

SETUP NUMBER: 10

The display of the Rayocomp PS 10 plus has been equipped with a backlight for better readability. This means that especially in dim light the display can still be read easily. A total of three backlight modes are available. Once you have entered the setup number 10, you can enter the following values:

- 0: The backlight is always switched off.
- 1: The backlight is always switched on.
- 2: The backlight is set to automatic. The backlight switches off 30 seconds after the last button is pressed. When the button is pressed again, the backlight switches on again. This saves the battery and allows longer operating times. On the other hand, the backlight is not disturbing when used at night, as otherwise a room could be brightened up too much for sleeping.

The default setting on delivery of the Rayocomp PS 10 plus is 2.

5.2. Delete duplicate values in the 'F1' programs

SETUP NUMBER: 11

If different BaPS programs are put together, it is inevitably possible that some fundamental frequency values are repeated.

If you do not want duplicate fundamental frequency values to be tested and harmonised, you can set this here.

When testing RAH programs, duplicate RAH programs (e. g. from a memory card) are discarded and thus only offered once for testing. When harmonising RAH programs, duplicate RAH programs are retained.

After you entered the setup number 11, you can enter the following values:

- 0:** Do not delete duplicate values when loading the **F1** programs or RAH programs!
- 1:** Delete duplicate values when loading the **F1** programs or duplicate RAH programs when testing!

The default setting on delivery of the Rayocomp PS 10 plus is 0.

5.3. Setting the notification tone (beep)

SETUP NUMBER: 12

The Rayocomp PS 10 plus is equipped with an acoustic signalling device. It gives you information if, for example, an incorrect button has been pressed or an entry has been acknowledged.

The Rayocomp PS 10 plus distinguishes between three different faults and acoustic signals:

- 1. A long beep:** The device uses this to confirm a successfully completed action, e. g. an entry or saving.
- 2. Two short beeps:** The pressed button has no function at the current position.
- 3. Two long beeps:** A critical error has occurred. The device outputs an error code. The error code can be found in the appendix (chapter 8).

You can use this setup function to switch the signal on or off. After you have entered the setup number 12, you can enter the following values:

- 1:** The acoustic signal is switched on.
- 0:** The acoustic signal is switched off.

The default setting on delivery of the Rayocomp PS 10 plus is 1.

5.4. Specification of the test range values

SETUP NUMBER: 13

One of the most successful procedures in Bioresonance according to Paul Schmidt is the range value test. Here, beginning with a start value, normally 00,00, up to an end value, normally 99,99, and an increment of e. g. 00.50 each fundamental frequency value is checked for resonance and then harmonised. These three values can be specified in this setup function. After you have entered the setup number 13, you can first enter the start value. After pressing the **OK** button, you can then enter the end value. Once this has been confirmed again with the **OK** button, the step width can be specified, e. g. to a finer value of 0.25. As always, the step width must also be confirmed with the **OK** button.

Here are the standard settings on delivery of the Rayocomp PS 10 plus:

Start value:	00,00
End value:	99,99
Step width:	00,50

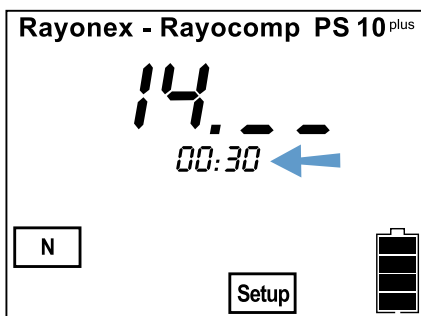
5.5. Specification of the harmonisation time for fundamental frequency values

SETUP NUMBER: 14

Both when using a BaPS **F1** program and when using a Green-Card, the default setting of the harmonisation time for fundamental frequency values can be helpful. If, for example, individual frequencies and RAH programs are stored on a Green-Card, individual harmonisation times can be stored for the RAH programs, but not for the individual frequencies. If an automatic program sequence now takes place using the Green-Card, the default setting for the harmonisation time can be used to control the default setting for the individual frequencies. The default setting is 30 seconds. However, if the harmonisation time in this setup point has been changed to one minute, for example, each fundamental frequency value contained in the Rayocomp PS 10 plus is automatically harmonised with one minute when a Green-Card is used.

Similarly, when using BaPS **F1** programs, the preset harmonisation time of this setup point is suggested directly.

Once you entered the setup number 14, confirm your entry by pressing the **OK** button. The display will then show the screen shown on the left.



The 00:30 means 0 minutes and 30 seconds. The cursor first flashes in the input field for the minutes. If you enter 0100, for example, and then confirm with the **OK** button, one minute is preset.

Entering 0040 would mean the default setting of 40 seconds.

5.6. Automatic switch-off after completion of harmonisation

SETUP NUMBER: 15

The Rayocomp PS 10 plus is often used for harmonisation during sleep. The automatic switch-off of the device after harmonisation is controlled via setup number 15.

You can use this setup function to switch the automatic switch-off function on or off. After you have entered the setup number 15, you can enter the following values:

- 0: Automatic switch-off is switched off.
- 1: Automatic switch-off is switched on.

The default setting on delivery of the Rayocomp PS 10 plus is 0.

5.7. Activating and deactivating modules

SETUP NUMBER: 20

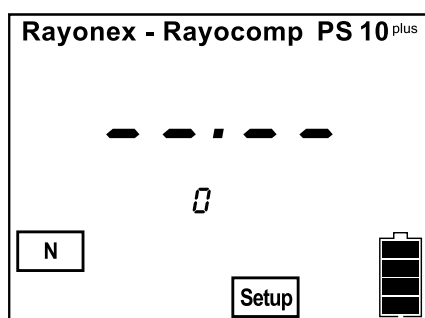
A total of eleven modules can currently be activated or deactivated in the Rayocomp PS 10 plus. If, for example, the harmonisation programs of the acupuncture oscillation therapy are deactivated, they can be used immediately by activating them using an activation code. This menu sub-item provides the function for activating or deactivating modules.

Once you have entered the setup number 20, you can enter the number of the module you wish to activate or deactivate. (Please confirm each entry with the **OK** button.) Then enter the seven-digit code to activate or deactivate and confirm this by pressing the **OK** button.

5.8. Save fundamental frequency values to memory card

SETUP NUMBER: 30

One of the special advantages of the Rayocomp PS 10 plus is the use of memory cards. You can save customised frequency compilations on these cards, which can then be tested under the menu item **Test** 'BaPS' or harmonised under the menu item **F1** 'BaPS'. You can use this setup function to make your own memory card. The frequency combinations can be stored on a normal memory card or a Green-Card.



To do this, please insert the memory card into the device and then enter the setup number 30. Each fundamental frequency value entered is then saved to the memory card after pressing the **OK** button.

The display shows:

The display to which the blue arrow points, indicates the number of values currently on the card.

With the  button you can delete the respective last value.

If there are still values on the card that you would like to delete, please use the setup number 43.

5.9. Green-Card playback mode

SETUP NUMBER: 35

Setup number 35 allows you to specify how the Green-Card is played back by the Rayocomp PS 10. You can choose whether the Green-Card should be played once or continuously.

After entering setup number 35, the following options are available:

0: The Green-Card is played **once**.

1: The Green-Card is played **continuously** until the process is stopped manually.

The default setting on delivery of the Rayocomp PS 10 plus is **0**.

5.10. Display information about the memory card

SETUP NUMBER: 40

If you come across a memory card of which you do not know exactly how many fundamental frequency values and/or RAH programs are stored on it, what type of memory card it is, etc., this setup function can help you.

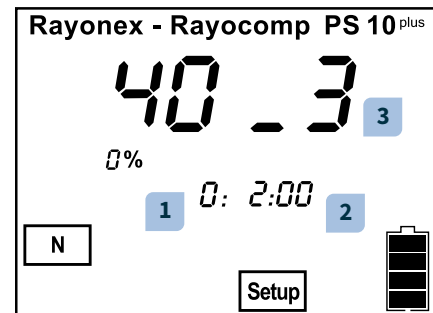
Depending on the memory capacity, up to 50, 100, 200 or 500 fundamental frequency values can be stored on a grey memory card.

A Green-Card can contain up to 500 fundamental frequency values and up to 200 RAH programs. The number of fundamental frequency values can be taken from the value shown in the display at the same time as 500 (e. g. 341: 500). The number of RAH programs can be taken from the value shown in the display at the same time as 200 (e. g. 34: 200).

To do this, insert the memory card and enter the setup number 40. The display will then show, for example:

Legend:

- 1: This number indicates how many values are currently on the memory card.
- 2: On grey memory cards, this indicates how many fundamental frequency values can be saved. On Green-Cards, which contains up to 500 fundamental frequency values and up to 200 RAH programs, the values are displayed alternately.
- 3: If a 0 is entered, the card is faulty. If this is a 1, it is a grey memory card for use within Bioresonance according to Paul Schmidt. If a 2 is given here, it is a memory card for the B.A.T. acute programs according to Manfred Denecke. A Green-Card is labelled with a 3.



5.11. Provide memory card with read protection

SETUP NUMBER: 41

You can use this setup function to assign a read protection to a memory card. If read-protected memory cards are used in Rayocomp devices, e. g. under **F1** 'BaPS', the fundamental frequency values are set but not displayed. This can be useful when developing and testing new fundamental frequency values. Please insert the memory card that is to be read-protected into the Rayocomp PS 10 plus. After you have entered the setup number 41, the display will either show a 0 (card not read-protected) or, if the card is already read-protected, a 1. A Green-Card cannot be read-protected.

If the card is not yet read-protected, please enter 1 and confirm the entry with the **OK** button.

Please note that the read protection of a memory card can only be cancelled by deleting it.

5.12. Provide memory card with write protection

SETUP NUMBER: 42

You can use this setup function to write-protect or unprotect a memory card. This prevents accidental deletion of the card or further storage of fundamental frequency values on the memory card.

Please insert the memory card that is to be write-protected into the Rayocomp PS 10 plus. After you have entered the setup number 42, the display will either show a 0 (card not write-protected) or, if the card is already write-protected, a 1.

If the card is not yet write-protected, please enter a 1 and then confirm with the **OK** button to write-protect memory card. If the display shows a 1, i. e. the memory card is write-protected, you can cancel the write protection by entering a 0 and confirming with the **OK** button.

5.13. Delete memory card completely

SETUP NUMBER: 43

You can use this setup function to completely erase a memory card and thus prepare it for new write operations.

If you delete the memory card with this function, not only the RAH programs and fundamental frequency values contained on it are deleted, but also the read and write protection, if it was contained on the card.

Please insert the memory card that is to be completely deleted into the Rayocomp PS 10 plus. After you entered the setup number 43, the display will show a 0. For security reasons, you must now enter a 1 here and confirm with the **OK** button.

5.14. Initialise memory card

SETUP NUMBER: 44

If you ever have a memory card in front of you whose sticker is no longer readable, you can use this setup function to test and re-initialise the card. This function applies to memory cards for Bioresonance according to Paul Schmidt as well as for the Green-Card.

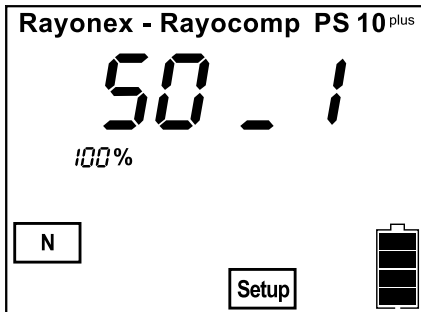
When you initialise the memory card with this function, not only are the system values of the memory card redetermined and written, but the RAH programs contained on it are also deleted. Any existing write protection is also deleted.

Please insert the memory card to be initialised into the Rayocomp PS 10 plus. After you entered the setup number 44, the display will show a 0. For security reasons, you must now enter a 1 here and confirm with the **OK** button.

5.15. Motor test run of the frequency module

SETUP NUMBER: 50

This setup function allows the user to test the mechanically driven frequency module of the Rayocomp PS 10 plus. Even if the Rayocomp is damaged, for example due to a long transport, this function provides security that the frequency module is working properly.



After you have entered the setup number 50 and confirmed with the **OK** button, the Rayocomp PS 10 plus starts the test run. You can see the progress of the test run on the display.

Finally, the device should show the following message on the display:

The 1 after the 50 indicates that the frequency module is working optimally. If there is a 0, the test run ran with an error. In this case, please repeat the test run. If a 0 still appears as the result, the Rayocomp PS 10 plus must be sent in for service.

5.16. Update

SETUP NUMBER: 55

The Rayocomp PS 10 plus has the option of performing software updates itself. To do this, save the latest update versions of the Rayocomp PS 10 plus on the SD memory card included in the scope of delivery. The SD memory card is found in the compartment on the back of the device.

The latest update versions can be downloaded to the memory card at www.rayo.link/ps10-update.

After saving the update files to the SD memory card, insert it carefully and with little force into the back of the Rayocomp PS 10 plus until you hear a click.

First, carry out update number 2 in setup number 55.

Then enter one of the following five numbers in Setup number 55:

- 0: Cancel
- 1: Update the PS 10 processor
- 2: Update the Extension Kit processor
- 3: Update the RAH data
- 4: Update the PS 10 and Extension Kit processors as well as the RAH data simultaneously

When you update the PS 10 processor, the process can take up to 15 minutes; the device will restart afterwards. All other updates take only a few minutes.



You can find further information and a video tutorial on YouTube.

You can get there using this QR code:

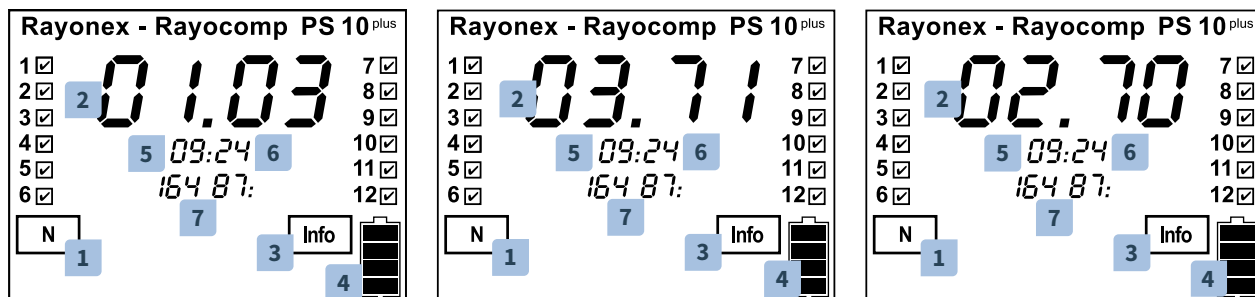


Important! The update should only be performed when the battery charge is at least three bars.

6. INFO

The **Info** menu item allows you to quickly view all important information about the device.

You can access the **Info** menu item by pressing the **MODE** repeatedly until the display shows the following:



The picture shows that all modules have been activated.

Legend:

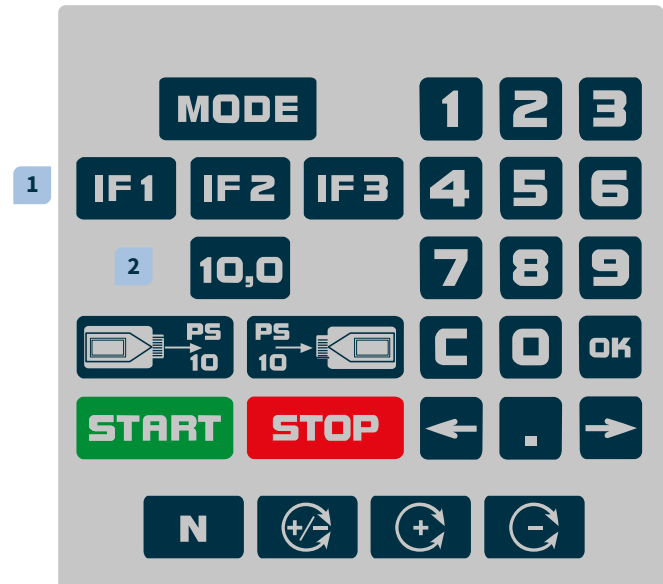
- 32: The currently set polariser mode is displayed here. This is not special information as it can also be seen in the other menu items. However, for the sake of completeness, it can also be found here.
- 33: The number shown here always changes after a few seconds.
 - 01.03. indicates the hardware version of the device.
 - 02.70 indicates the software version of the device.
 - 03.71 indicates the version of the Extension Kit.
- 34: Here you will find information on which menu item you are currently in.
- 35: The battery charge level can be read here.
- 36: The number given here indicates the month in which the device was built, in this case September.
- 37: The year of manufacture of the device is specified here. In the example, it is 2024.
- 38: These five digits indicate the serial number of the device. This number, 16487 in the example, is important when it comes to the unique classification of the device. Rayonex Biomedical maintains a device database in which all information about the device is stored (e. g. activated modules, etc.).

Module no.	Art. no.	Description
01	20010	M1: Setting accuracy fundamental frequency values (0.05)
02	20022	M2: Bioresonance according to Paul Schmidt
03	20024	M3: RAH Phytotherapy
04	20040	M4: Programs according to Dr Elmar Ulrich
05	20055	M5: RAH Global Test Human
06	20097	M6: RAH Global Test VET
07	20075	M7: Building Biology
08	20085	M8: RAH Compact Programs
09	20090	M9: RAH Human for harmonisation
10	20092	M10: RAH Human for analysis and harmonisation
11	20098	M11: RAH VET for analysis and harmonisation
12	20023	M12: RAH C-Module

7. SPECIAL FUNCTION KEYS

The Rayocomp PS 10 plus has a total of four special buttons that have been assigned special functions.

Important: Each of the four buttons can only be operated in the **Direct** menu item.



Legend:

1: three IF buttons IF 1, IF 2 and IF 3

2: the 10,0 button

7.1. Using the 'IF' buttons

You can use the **IF** buttons (individual fundamental frequency values) to save frequently used fundamental frequency values. The **IF** buttons are comparable to the station buttons on a radio. First you tune in the station, then you press and hold the respective button and the station is memorised. The three **IF** buttons work in the same way. Enter the desired fundamental frequency value under the **Direct** menu item. Confirm the entry with the **OK** button. Then press the desired **IF** button until you hear a signal. The value has been saved under this button and can now be called up quickly by pressing the **IF** button. A total of two fundamental frequency values can be saved (**IF 2** and **IF 3**).

The IF 1 button on the Rayocomp PS 10 plus is assigned to the Compact Programs.

After you have switched on the Rayocomp PS 10 plus and plugged in the detector, use the button to select the desired Compact Program, confirm your entry with the **OK** button and start the program sequence. Then place yourself or the animal on the detector and allow yourself to be harmonised for the duration of the Compact Program.

7.2. Using the '10,0' button

The **10,0** button has been permanently linked to this fundamental frequency value. This frequently used fundamental frequency value (allergen harmonisation, energy, duplication ...) can therefore be called up quickly and at any time. This button also has a special function in the module M10.

8. OVERVIEW OF POSSIBLE ERROR MESSAGES

No.	Description
11	Incorrect card type
12	No valid card
13	No card inserted
14	The harmonisation time must be at least 1 second.
15	This setup function does not exist.
16	Incorrect module activation code
18	The end value must be higher than the start value.
20	Motor contact faulty. If the fault occurs frequently, the device must be sent in for service.
22	Card is write-protected.
23	Module is not activated.
24	More resonance values selected than can fit on the card.
25	This card cannot be provided with read and write protection.
26	Maximum storage capacity reached
27	This module has already been temporarily activated.
28	No Green-Card inserted
29	Voltage very low! Charge the battery!
31	This program group does not exist.
32	First end the current program by pressing the Stop button twice
33	Test program does not exist.
36	Memory values contain read-protected values that cannot be saved.
37	Card was pulled during saving.
38	Polariser was not switched to the selected mode. If the error occurs frequently, the device must be sent in.
39	An error has occurred with the hardware of the RAH module.
40	Please remove the card from the card slot.
41	This RAH program can only be called up with the module flashing on the right.
42	More than 200 RAH programs were selected.
43	Double value
44	A problem has occurred while writing a value.
45	Reading from the Green-Card only works from module M9.
47	This program is not included. An update is recommended.



No.	Description
50	Remove the charging plug from the PS 10 charger. Only charge the PS 10 when it is switched off.
54	The selected program number does not exist (see program list).
55	Code incorrect
56	Module M10 is not active.
65	Modules M5, M6, M11 and M12 are not activated.
84	This RAH program is an empty program; no level test possible.
85	This RAH program does not exist.
86	A maximum of 200 RAH programs can be loaded in succession.
87	No values on the memory card
88	No valid memory card inserted. Please check the card or re-initialise it if necessary (see setup point 40 or 44).
89	More than 500 values selected for F1
90	This F1 program does not exist (see program list).
92	This module cannot be activated with the current hardware version. If you are interested in the RAH module, please contact Rayonex Biomedical.
95	Internal device communication disrupted. Please restart the device. If the error message persists after restarting, the device must be sent in for repair.
96	SD card errors; possible errors include: file download incomplete, incorrect SD card, SD card formatted incorrectly, card empty, downloaded files not unzipped.
99	Program error

9. APPENDIX

9.1. Warranty agreement



WARRANTY AGREEMENT

of Rayonex Biomedical GmbH

Warranty:

The warranty for all Rayonex medical and wellness products is 24 months from the date of delivery. A warranty claim exists in principle only if the products are used as intended and the guarantee seal of the products is undamaged. Improper use will invalidate the warranty.

Consumers can therefore easily complain to the manufacturer about a damaged item within the first six months.

After six months, the buyer must usually prove that the damage existed from the beginning.

If a service is due within the warranty period, it is - as is usual for inspections - subject to a charge.

Transport damage due to insufficient or incorrect packaging:

If your unit needs to be serviced or repaired, we recommend that you keep the original packaging and return the unit to us in this packaging.

If the original packaging is lost, we can send you a new packaging at an appropriate cost contribution.

Transport damage caused by inadequate or incorrect packaging is to be borne by the buyer!

Damage to the device caused by heavy accessories inside the packaging or the suitcase:

Due to their weight, Measuring and Protection Cups are a risk in the event of uncontrollable movements (e. g. vibrations).

Please never send a Rayocomp and Measuring or Protection Cups in one package.

Damage to the unit caused by heavy accessories inside the packaging or the case must be borne by the buyer!

This agreement is not valid for the Rayocomp PS 1000 polar 4.0, as the Measuring and Protection Cups are firmly screwed into place.

Operating errors:

Damage caused by misuse or incorrect use of the product is not covered by the warranty.

The operation of the products must be carried out in accordance with the manual, the personal instruction or the knowledge acquired in the training offered by Rayonex Biomedical.

Hint:

Even if there is external damage to the packaging, you should only accept the goods 'with reservation'.

If the damage appears to be too immense, refuse to accept the goods, so that we have the opportunity to clarify the matter with the transport company or the deliverer. Please report the damage immediately to Rayonex Biomedical or to your local distributor.

Version: 20. March 2025



RAYONEX[®]
BIOMEDICAL · SINCE 1982

APPLICATIONS OF HEALTH

Rayonex Biomedical GmbH



Sauerland-Pyramiden 1
57368 Lennestadt
Germany

support@rayonex.de

www.rayonex-biomedical.de