



# CMO



Biological protection against the risks associated with electromagnetic fields **Compensatory Magnetic Oscillators**

# coMOSystems

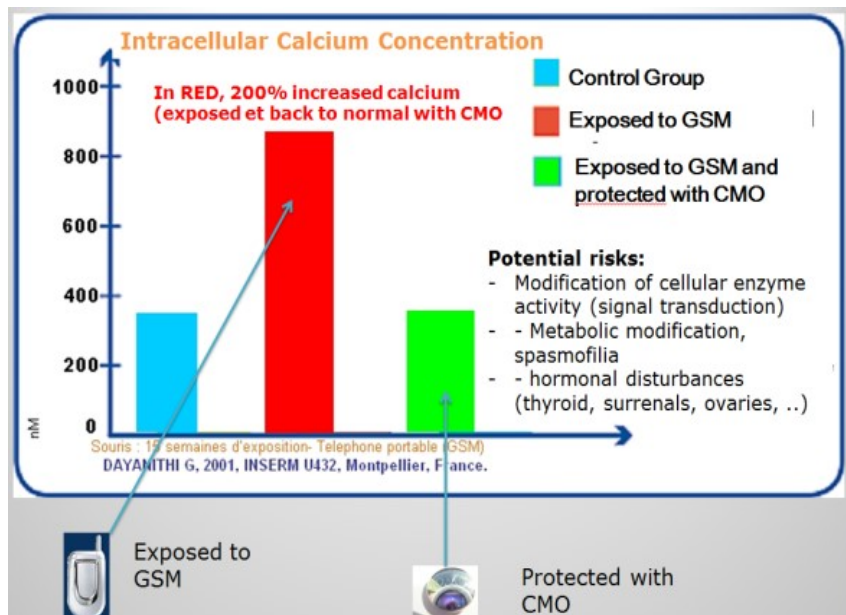
La référence historique et scientifique

## Foreword :

### WHY DO E.M.F AFFECT THE BODY?

The ions contained in our body (calcium, magnesium, potassium ions, etc.), apart from their purely chemical function, present, on the structural molecular plane, oscillating and rotating movements. These movements generate electromagnetic microwave signals at frequencies accurately identified: this is what defines the electromagnetic identity of these ions, or their electromagnetic « blueprint or signature ». The problem is that the operating frequencies of our electronic devices correspond, in the spectrum of frequencies, to the movements of ions. This overlap in the same frequency ranges creates resonance or interfering effects, well known in basic physics, at the cellular level.

#### CALCIUM ION LEAKAGE



As movements of these ions are affected, it can lead to significant changes in their intra and extracellular concentrations (calcium in particular).

These changes can then generate a physiological cascade of reactions, source of biological perturbations.

For the record, the calcium ion is involved in most biochemical reactions in the cell.

Off-balanced ions may impact human biological systems, such as the nervous system, the muscular system and so on. Today the impact of EMF exposure on biological systems is firmly established.

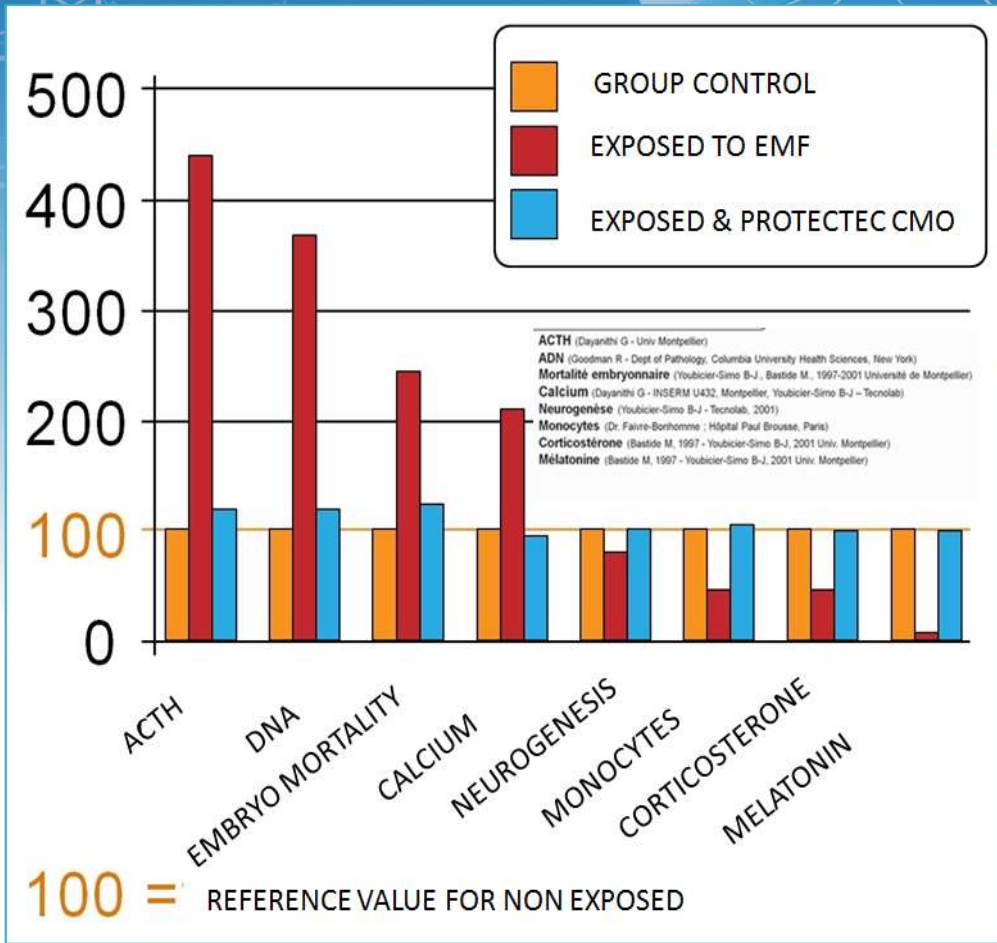
In this file, you will be exposed to the main studies that were realized and published in peer review scientific literature (such as: *Journal of Cellular Biochemistry. Reba Goodman*), concluding with scientific evidence that most significant markers demonstrate, when exposed to EMF, high levels of cell stress, while, when protected with CMO technology, most levels come back to normal.

We shall also introduce the recent work ( 2012) performed by Mrs. CAMMAERTS Marie-Claire with COMOSYSTEMS, where ants are exposed to Wi-Fi and their behavioral patterns are compared to the same situation with CMO: this study has been published and the experiment is available on YouTube:

(<https://www.youtube.com/watch?v=s71hfnh3X78>)

Today, CMO technology Is becoming a « must » in most schools of naturopathic medicine as well as osteopathy or diverse alternative health practices.





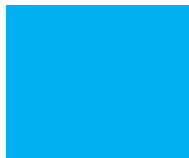
## BIOLOGICAL MARKERS STUDIED:

- ACTH
- DNA
- EMBRYO MORTALITY
- CALCIUM CONCENTRATION
- NEUROGENESIS
- MONOCYTES
- CORTICOSTERONE
- MELATONIN

**ALL MARKERS DEMONSTRATED CMO CAN BIOCOMPENSATE NEGATIVE EFFECTS FROM EXPOSURE TO E.M.F**



EXPOSED TO  
ELECTROMAGNETIC FIELDS



EXPOSED AND PROTECTED  
WITH CMO TECHNOLOGY




Purpose of the study:

**Effect of radiation of a Wi-Fi router on the behavior of ants** and assessment of a biotech compensation (CMO) : FREE UNIVERSITY OF BRUSSELS by Dr Cammaerts M-C (2012)

**Biological parameters: angular velocity and linear velocity**

variable	Exposed to Wi-Fi ON		Exposed to Wi-Fi + CMO protection	
	5 min	30 min		
<b>Linear velocity</b>	<b>- 35%</b>	<b>- 34%</b>	<b>- 14,8%</b>	<b>- 3%</b>
<b>Angular velocity</b>	<b>+ 74%</b>	<b>+ 97%</b>	<b>+ 19,4%</b>	<b>+ 6,9%</b>



Experiment videotaped and published on YouTube  
(see [www.youtube.com/watch?v=s71hfnh3X78](http://www.youtube.com/watch?v=s71hfnh3X78))



# PURPOSE OF THE STUDY: STRESS REDUCTION

Experiment: 967 person / double blind / 2 months

Publication: Clements Chrome. University of Reading UK

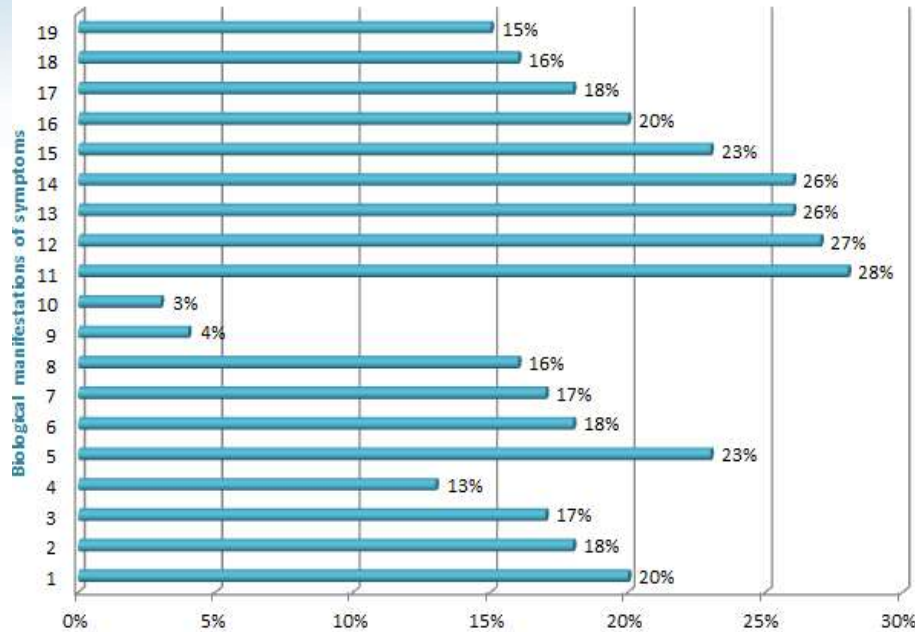


**35% of stress symptoms disappear with C.M.O !**

## Percentage of people whose symptoms have disappeared

967 office workers, engineers, executives, journalists, lawyers, civil servants, comptables. Test achieved double-blind crossover for 2 months, 1 with CMO (Compensating Magnetic Oscillator. COMOSYSTEMS)

Thes



Clements-Croome D, 1999, 2000, 2001 - Université de Reading, Grande-Bretagne

COMPUTER SCREENS: ELECTROMAGNETIC STRESS  
REDUCTION IN THE OFFICE: 35% of stress symptoms in offices disappear with CMO

19	Concentration problems
18	Irritable, tense
17	Depressed, pessimistic
16	Problems of short term memory
15	Neck
14	Shoulders
13	Loins
12	Hands, wrists and fingers
11	Arms, elbows
10	Dry tired eyes, redish
9	Cough, sneezing
8	Fatigue, tiredness
7	Headaches
6	Stuffy nose, runny
5	Dry throat, thirsty
4	Cold, flu
3	Sore throat
2	Breathing difficulties
1	Rash or itching



## The historical and scientific reference for compensating the effects due to exposure to electromagnetic fields



## Compensation for exposure to electromagnetic fields

**CMO** technology compensates for non-thermal biological effects of electromagnetic fields generated by the various devices.

**CMO** technology does not change the intensity of the field emitted by these devices, it does not interfere with their functioning and does not generate additional electricity magnetic pollution.

**CMO** compensation signal is a low-level signal directly preventing electromagnetic interference (such as resonance phenomena), which is generated by external electromagnetic pollution.

Being well protected with the **CMO**, technology the cells in our body maintain a better inner ion-protein exchange levels.



## The historical and scientific reference for compensating the effects due to exposure to electromagnetic fields



### Influence of Electromagnetic Fields

Phones, computers, relay antenna, Wi-Fi: the electromagnetic fields emitted by communication devices can, in the medium and long term, lead to biological effects, such as sleep disorders, chronic fatigue, concentrating difficulties, etc.

The abundance of peer-reviewed international scientific publication indicates that the negative impact of different combinations of electric and magnetic fields on biological logical system is manifested in the form of:

- changes in the function of nerve cells
- changes in the density and speed of bone healing
- imbalance of important hormones
- changes in the rate of heart rhythm
- changes in the ability of the immune system to resist disease and so on.

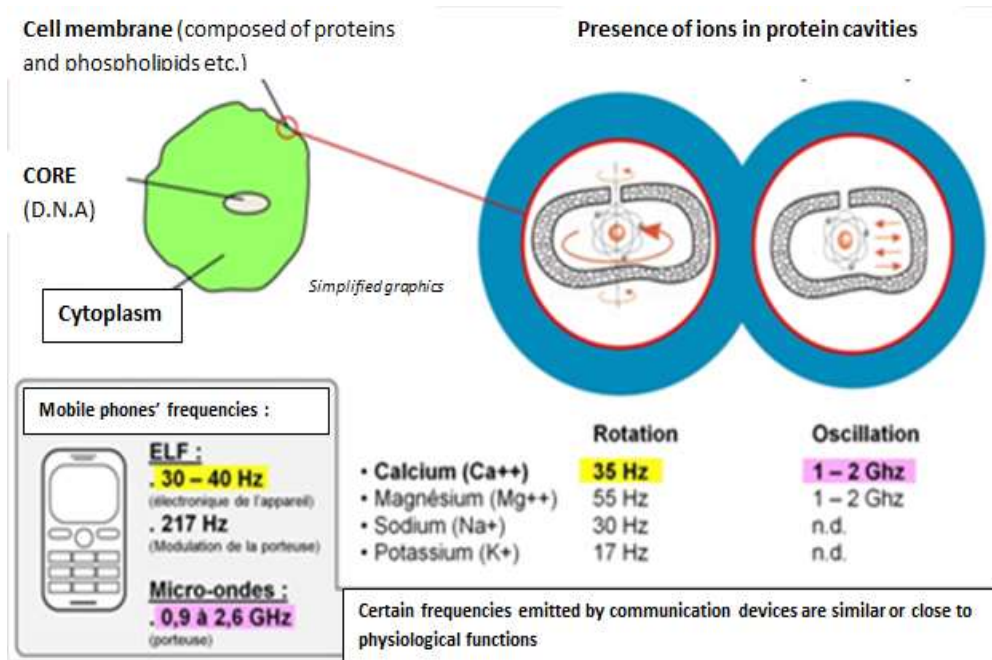


# Compensatory Magnetic Oscillator

The historical and scientific reference for compensating the effects due to exposure to electromagnetic fields

What is C.M.O (compensating magnetic oscillator) and on what technology is it based on ?

**CMO** is the name of the technology developed by former Technolab laboratories (France), today named **COMOSYSTEMS SL.**, whose purpose is to offset the negative effects of exposure to electromagnetic radiation on the human body.



**CMO** Is a compensating magnetic oscillator containing a microcrystalline aqueous solution acting as an antenna: an hyper-low signal containing stabilizing informations prevents resonance phenomena between the cells and communication devices or computers, lamps, and any apparatus generating EMF, allowing thus proper communication of the ions in the cell

This microcrystalline, once activated by external communication or electronic devices (mobile phones, computers, antennas, high-voltage power lines, wifi, etc.) will resonate with relevant biological receptors of living organisms, and thus that guarantees the normal, natural course of metabolic processes in cells, despite the presence artificial electromagnetic field emissions.

**CMO** is a compact wireless stand alone EMF compensator, and does not need a power supply. It is usually placed in the middle of the home, office, or directly on fields emitters (like cellular phones, laptops etc.). Their main function is to render your immediate environment biocompatible.





# Compensatory Magnetic Oscillator

**A complete line of solutions:  
One application for each situation:**



**Protections for the home**



**For Travelling ...**

**CMO**  
Oscillateur Magnétique de Compensation

Ref. TR25

**PROTECTION ELECTROMAGNETIQUE TR25 TRAVELLER**  
**POUR LES LIEUX SOUMIS AUX EMISSIONS ELECTROMAGNETIQUES : WI-FI, WIMAX, BLUETOOTH, DECT, ANTENNES RELAIS, LIGNES ET TRANSFORMATEURS HAUTES TENSIONS, APPAREILS ELECTROMENAGERS ET PERTURBATIONS GEOMAGNETIQUES**  
Attention : Prévoir un CMO adapté pour vos téléphones portables et ordinateurs : MP23 & PC15

Fabriqué en France

**COMOSystems S.L.**  
Rue CASUCOL 31, 3°  
02000 AUCHENTE, France

[www.cmo-comosystems.com](http://www.cmo-comosystems.com)

**To stick on your communication devices ...**



# PRODUCT CATALOG

## The historical and scientific reference for compensating the effects due to exposure to electromagnetic fields



MP23 EASYCALL  
TO STICK ON  
CELLULAR PHONE

### EASYCALL //Reference: MP23

#### Ultra-thin and ultra-light CMO accessory compensating effects of exposure to EMF from mobile phones and smartphones

**Purpose:** It is used as a compensation to counteract the effects of everyday electromagnetic fields emitted by mobile phones, smartphones, tablets, PDAs, GPS-navigators, radio nanny, combined radio telephones at the biological level.

Compatible with devices that support the following technologies: GSM 900 - GSM 1800 - EDGE - GPRS - UMTS / 3G, 3G +, 4G (LTE) - Bluetooth - WiFi - CDMA

**Instructions for use:** Place your **CMO EASYCALL** on a flat surface or the cover of the phone, smartphone, or other device (in the corner or in the middle). With double-sided super-resistant adhesive you can paste again **EASYCALL** a new device in case of replacement.

**Dimensions:** Diameter - 2.5 cm, thickness - 0.3 cm, weight - 2 Years



### ZONE PC //Reference PC15

#### CMO accessory for compensation to exposure to computers (any type of screen)

**Purpose:** It is used as a compensation against the effects of everyday electromagnetic radiation of all types from desktops, notebooks, laptops etc. (acting at the biological level). CMO will provide bio-compatibility for your computer.

**Instructions for use:** Place your **ZONE PC** on a flat surface of a laptop or PC housing (on the side of the cover or keyboard). With double-sided super-resistant adhesive, you can re-stick **ZONE PC** to your new device in case of replacement.

**Dimensions:** length - 6 cm, width - 1 cm, height - 0.6 cm, weight - 4 years



PC15 PCZONE  
TO STICK ON LAPTOP



# PRODUCT CATALOG

## TRAVELLER // Reference TR25

### Accessory CMO for protection from radiation outside the home



TR25 TRAVELLER  
MULTIFUNCTIONS  
FOR TRAVEL

**Purpose:** To protect (and compensate) against everyday electromagnetic fields exposure while traveling, at work, on a walk, forming a protective zone of a diameter of 4 meters (covering 12 m<sup>2</sup>). Suitable for the following types of electromagnetic radiation: Wi-Fi, WiMax, 4G, Bluetooth, cordless telephones (DECT antennas), microwaves, satellites-quark communication line from low frequency to high, geomagnetic activity, incandescent lights, smart meters, transportation (car, plane, train, etc).

**TRAVELLER** is a mobile version of the unit **MF04 HARMONY**, TR25 is intended for only one person, while the MF04 covers the whole house.

**TRAVELLER** does not substitute to the functions of **EASYCALL** (for protection from mobile phones) nor **ZONE PC** for laptops and computers, since these devices operate on different frequencies.

**Instructions for use:** Remove the protective film. For maximum effectiveness, wear your TRAVELLER in a bag, purse, pocket, backpack, or on a table next to you while at work.

**Dimensions:** Diameter - 6.5 cm, thickness - 1 cm, weight - 20 g

## HARMONY // Reference : MF04

### Accessory CMO for multifunctional protection at home or office

**Purpose:** It is used for protection (and compensation) against electromagnetic fields at home, or in apartments offices, forming a protective zone of 11 m in diameter (covering an area of 100 m<sup>2</sup>)

**HARMONY** combines the functionality of all 4 CMO cones for maximum protection of the house : **WIFIBLUE**, **GEOTIERRA**, **POWERCOMPENSATOR**, and **ANTENAZERO**.

Suitable for the following types of EMF: WiFi, WiMax, Bluetooth, 4G, cordless telephones (DECT antennas), microwave, satellite communications, power transmission line from the low-frequency to high, geomagnetic activity, an incandescent lamp, smart meters, transportation (car, plane, train, etc).

**HARMONY** is ideally suited for the protection of large areas. **HARMONY** does not substitute to **EASYCALL** features for mobile phone nor **ZONE PC** for laptops and computers since these devices operate at different frequencies.

**Instructions for use:** Place your **HARMONY** in your home or in the office on a flat surface in the center of the room (on a desk or on an elevated shelf).

**Coverage:** room 100 m<sup>2</sup>, equivalent to the area of a diameter of 11 m and a height of 5 m. The walls of the room do not prevent the spread of **HARMONY**'s protective field.

**Dimensions:** The base of the cone - 7 cm, height - 6 cm, weight 175 g



MF04 HARMONY  
ALL IN ONE PROTECTION  
FOR THE HOME.  
MULTIFUNCTIONS



# PRODUCT CATALOG

The historical and scientific reference for compensating the effects due to exposure to electromagnetic fields



AA12 VISUAL  
TO STICK ON  
ALL SCREENS

## VISUAL //Reference: AA12

CMO accessory to compensate the effects of EMF emissions from plasma screens and panels, TV, microwave ovens, induction cookers

**Purpose:** It is used to compensate the effects of EMF emitted by all types of screens, plasma screens, televisions, microwave ovens and induction cookers (compensation at the biological level).

**Instructions for use:** Stick your VISUAL on a flat surface of your apparatus (side, top or rear). With double-sided super-resistant adhesive, you can interchange VISUAL to a new screen in case of replacement.

**Dimensions:** length - 6 cm, width - 1 cm, height - 0.6 cm, weight - 4 years



## VIDEOMAX //Reference: JV20 A / B

Accessories for video games and consoles

**Purpose:** Maximum protection for dedicated gamers! Ideal for fans of the fascinating world of videogames. It is used as a compensation to the effects of exposure to electromagnetic fields from gaming consoles and handheld consoles (at the biological level): X-box, PSP and others. This VIDEOMAX is proposed in two versions: two rows: a stationary accessory and a stylish bracelet. Bracelet is the best solution if you or your child like to go play at group games, or in a computer club.

**Instructions for use of a the stationary accessory:** Secure your VIDEOMAX joystick on a flat surface or on the body of the console (on the cover in a corner or in the middle). With double-sided super-resistant adhesive, You can interchange VIDEOMAX to a new device in case of replacement.

**Instructions for use of the bracelet:** For your convenience, wear a bracelet on his wrist during a long stay at the gaming console.

**Dimensions stationary accessory:** length - 3 cm, width - 1.3 cm, weight - 2 Years

**Dimensions of the bracelet:** diameter - 6 cm, width - 1 cm, weight - 8 g.



JV 20 A VIDEOMAX  
TO STICK ON CONSOLE



JV 20 B VIDEOMAX  
WRIST BAND CMO  
PROTECTION FOR  
VIDEOGAMES



## WIFIBLUE //ReferenceWD17

Accessory CMO for compensation of exposure to EMF from WiFi, WiMax, Bluetooth devices, and cordless telephones DECT-



WD17 WIFIBLUE  
PROTECTION FROM  
WIFI BLUETOOTH  
and DECT PHONES

**Purpose:** Standard home Wi-Fi-routers generates a protection bubble of 100 sq.meters (1200 sq.feet). The frequency of the Wi-Fi and WiMAX are identical and equal to 2.4-2.7 GHz. WIFIBLUE compensate the biological effects of electromagnetic fields from the devices using the technology WiFi, WiMax, Bluetooth, as well as stationary DECT-phones (cordless phones).

**Instructions for use:** Place your WIFIBLUE at home or in the office on a flat surface in the center of the room (on a desk or on shelf).

**Coverage:** room 100 m<sup>2</sup>, equivalent to the area of a diameter of 11 m, You are a hundredth of a 5 m. The walls of the room do not prevent the spread of the protective field WIFIBLUE. For maximum effect, we recommend positioning the cones CMO at a distance of at least 1 meter from each other.

**Dimensions:** The base of the cone - 7 cm, height - 6 cm, weight - 175 g



## POWERCOMPENSATOR //Reference // HT18

CMO cone for protection from exposure to the EMF from High Voltage lines, transformers and home electrical network

**Purpose:** At the moment there are many problems associated with impact of power lines on the nervous, cardiovascular, immune and reproductive system. **POWERCOMPENSATOR** protects from adverse effects from electric networks (such as low, medium and high voltage, up to 400 000 volts), as well as transformers in everyday life.

**Instructions for use:** Place your **POWERCOMPENSATOR** at home or in the office on a flat surface in the center of the room (on a desk or on an elevated shelf).

**Coverage:** room 100 m<sup>2</sup>, equivalent to the area of a diameter of 11 m, height of 5 meters. For maximum effect it is recommended CMO cones have a minimum of 1 meter from each other.

**Dimensions:** The base of the cone - 7 cm, height - 6 cm, weight - 175 g



HT18 POWERCOMPENSATOR  
FOR PROTECTION FROM  
HIGH VOLTAGE LINES /  
TRANSFORMERS / HOME  
ELECTRICAL NETWORK



# PRODUCT CATALOG

## GEOTIERRA //Reference GB02 Accessory CMO for protection from geobiological lines (Curry and Hartman)



GB02 GEOTIERRA  
FOR GEOBIOLOGICAL  
ISSUES: HARTMAN  
NETWORK CURRY  
LINES ETC..

**Purpose:** protection against the pathogenic effects of soil (underground) EMF emissions, which are transmitted from the groundwater; protection from exposure to global power lines (Hartman network (G-network) and Curry lines (D-network)).

**Instructions for use:** Place your GEOTIERRA at home or in the office on a flat surface in the center of the room (on a desk or on a shelf).

**Coverage:** room 100 m<sup>2</sup>, equivalent to the area of a diameter of 11 m, You are a hundredth of a 5 m. The walls of the room do not prevent the spread of the protective field GEOTIERRA.

For maximum effect, we recommend positioning the cones CMO at a distance of at least 1 meter from each other.

**Dimensions:** The base of the cone - 7 cm, height - 6 cm, weight - 175 g



## ANTENAZERO //Reference : BT13

Accessory CMO for protection from exposure to electromagnetic fields from relay antennas, cellphone masts etc..

**Purpose:** Compensates the biological effects of electromagnetic radiation from relay antennas, cellular towers, cellphone masts etc ... in everyday life. Applies for technologies such as GSM, UMTS, 3G, 3G +, 4G, 0.9 GHz; 1.5 GHz; 1.8 / 1.9 GHz; 2 GHz and GPRS. French studies have shown that a person at a permanent location near a cellular base stations experiences the following symptoms: irritability, problems of the cardiovascular system, difficulty concentrating (100 m); headaches, sleep disturbances, feeling of discomfort (200 m); fatigue (300 m). Staying in the radiation sector (front of the antenna) is the most harmful.

**Instructions for use:** Place your ANTENAZERO at home or in the office on a flat surface in the center of the room (on a desk or on a shelf).

**Coverage:** room 100 m<sup>2</sup>, equivalent to the area of a diameter of 11 m and a height of 5 m. The walls of the room do not prevent the spread of the protective field from ANTENAZERO. To achieve maximum effect, it is recommended that CMO cones are placed at a distance of at least 1 meter from each other.

**Dimensions:** The base of the cone - 7 cm, height - 6 cm, weight



BT13 ANTENAZERO  
FOR EXPOSURE TO  
RELAY ANTENNA





NW24 NOCTIWAVE  
FOR BETTER  
SLEEPING  
CONDITIONS

## NOCTIWAVE //Reference: NW24

Accessory CMO for electromagnetic fields protection during sleep with stabilisation of melatonin production

**Purpose:** It is used as a compensation factor (at the biological level) to counteract the effects of everyday sources of electromagnetic radiation while sleeping. Your **NOCTIWAVE** compensates for the reduced production of melatonin (a hormone that regulates sleep by controlling circadian rhythms) under the effect of electromagnetic fields. The device (NW24) is made of anodized aluminum, which prevents oxidation in air and protects from minor mechanical damage, as well as gives a solid look.

Instructions for use: Place your **NOCTIWAVE** in the bedroom under the mattress (by the feet). Coverage applies to king-size bed.

Dimensions: Diameter - 6.5 cm, thickness - 1 cm, weight - 20 g

## ZENACTITUD //Reference : HE22

Ultra-thin and ultra-light accessory CMO protection a person with electromagnetic hypersensitivity

**Purpose:** It is used as additional protection against everyday electromagnetic fields (when the compensation from basic products are not sufficient) for people with symptoms of electromagnetic hypersensitivity. The number of people with a similar reaction is gradually increasing, as more and more technologies are all around us, constantly emitting a microwave frequency.

Electromagnetic hypersensitivity is characterized by a variety of non-specific symptoms, the most common include dermatological symptoms (redness, tingling, and burning sensations) as well as neurasthenic and vegetative symptoms (fatigue, tiredness, concentration difficulties, dizziness, nausea, heart palpitations and digestive disorders) . The collection of symptoms is not part of any of a known syndrome.

**Instructions for use:** It is recommended to wear **ZENACTITUD** as close to the body.

**Dimensions:** diameter - 2.5 cm, a thickness - of 0.3 cm, weight -



HE22 ZENACTITUD  
ADDITIONAL PATCH  
FOR THE E.H.S

# LIVING IN HARMONY WITH ELECTROMAGNETIC WAVES?

at home, in the office or wherever you are.



## CMO: HERE ON SALE

Compensatory Magnetic Oscillator



FIND MORE PROTECTIONS ON THE WEB-SITE:

[www.comosystems.com](http://www.comosystems.com)

