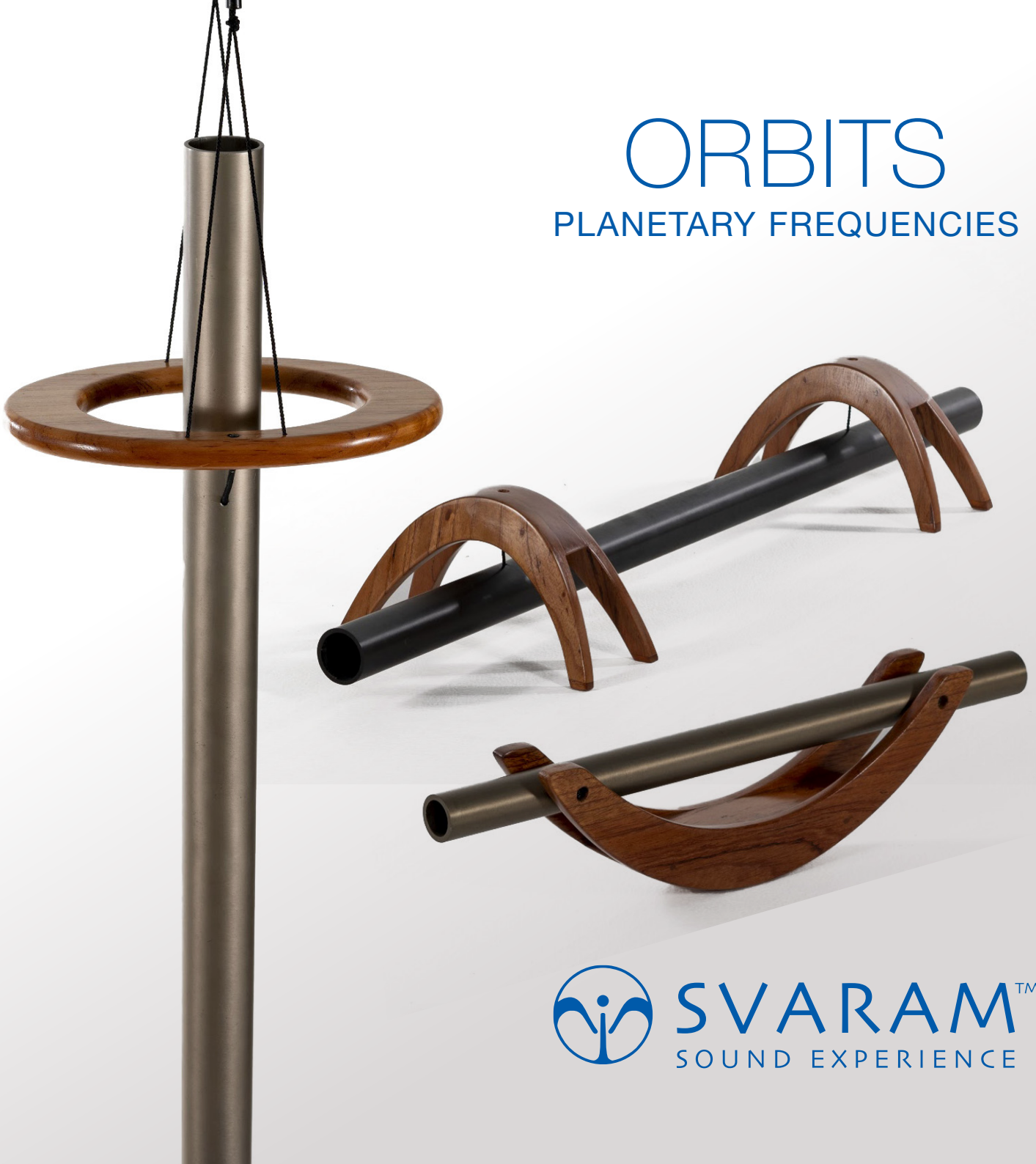
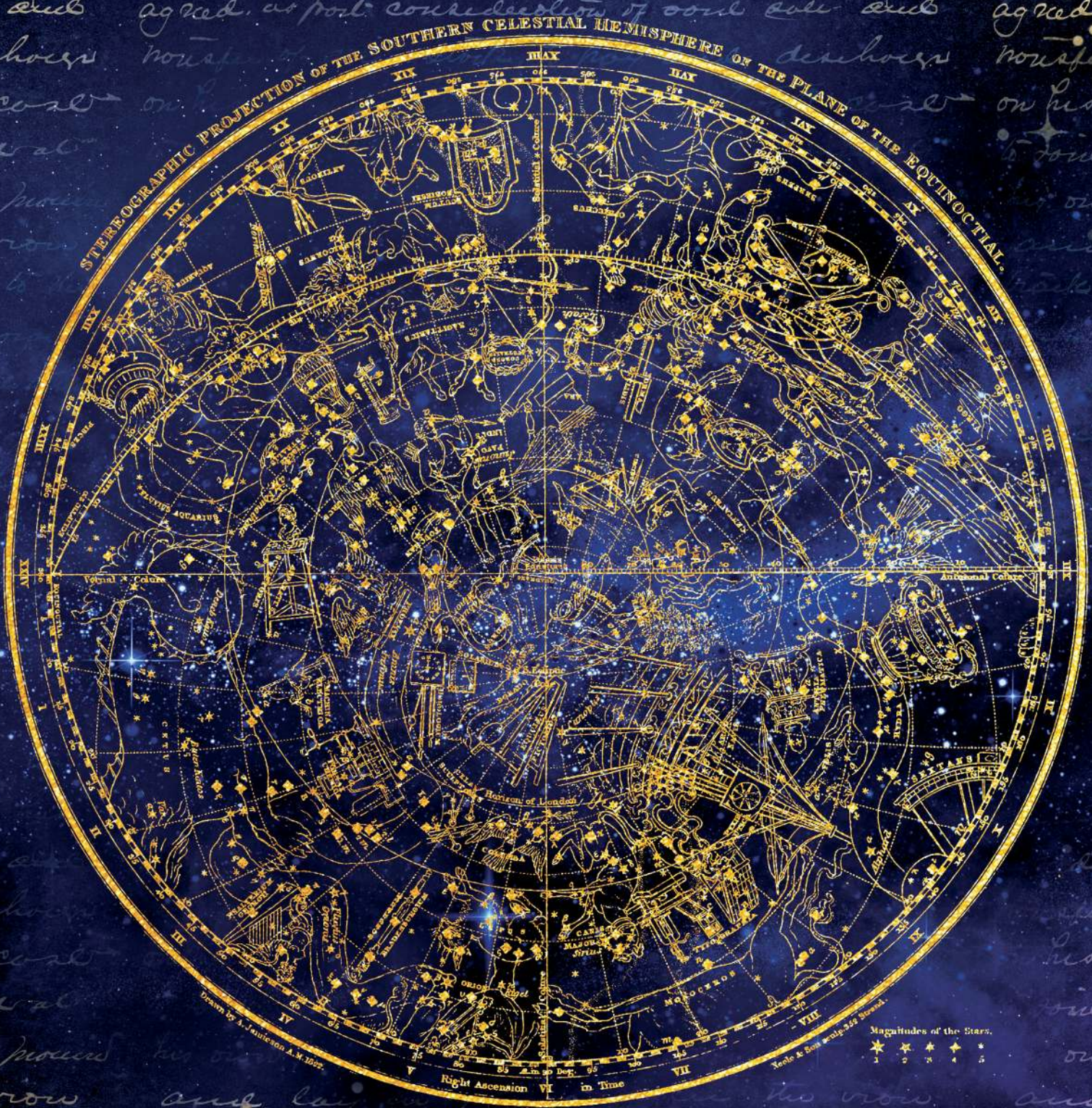


ORBITS

PLANETARY FREQUENCIES



SVARAM™
SOUND EXPERIENCE



Magnitudes of the Stars.

★	★	★	★	★
1	2	3	4	5

*There's not the smallest orb
which thou behold'st.
But in his motion
like an angel sings.*

William Shakespeare

*Each celestial body,
in fact each and every atom,
produces a particular sound
on account of its movement,
its rhythm or vibration.
All these sounds and vibrations
form a universal harmony
in which each element,
while having it's own function
and character,
contributes to the whole.*

Pythagoras

SVARAM ORBITS – PLANETARY FREQUENCIES

These newly created vibrational tools are based on scientifically calculated periodic means of the planetary circulations around the sun and their octavisation into the hearing range. Following the ancient tradition of observing and tuning into the movements of the visible planets and their trails, mythologies and energies these sonic “ORBITS” offer an opportunity to playfully explore, contemplate and become conscious of diverse cosmic frequencies and their associated qualities.

Planetary Qualities and Contemplations

To live in harmony with self, others, the collective, the environment and according to the universal principles of life has always been the promise of a golden age of truth, goodness and beauty. To tune into and align ourselves to the cosmic order which has been represented since ancient times as the “music of the spheres” opens our existence into a wider field and expression of these eternal qualities, inspiring and informing the evolutionary journey and aim of our human civilization. It is interesting to note that despite the very diverse cultural interpretations of the starry night sky, common archetypal qualities are associated across traditions with the specific planets that join our globe’s dance around the sun. These age-old symbolic descriptions, associations and meditative contemplations can assist our explorations and raise awareness of the diverse energies and vibrational fields influencing our terrestrial and individual existence.

We are offering here merely a contemplative entry point into the vast field of the ancient art and science of the ‘star-knowledge’ of Astrology, the workings of the multiple cosmic vibrations on our home planet and its



geo-, bio- and noosphere, as is naturally inherent and accessible through our physical, vital and mental fields and experiences. The frequencies are not only meeting us through the sense of hearing but can have a direct effect on the physical structures, emotional movements, mental states and the spiritual dimension of our being.

You are invited to listen, tune in, explore, hum, sing, move and see through the vibrations; to awaken, to dream and to deep dive into the adventure of our cosmic home and solar surroundings and its resonances in our very cells, our lives and in its diverse expressions. Through the re-cognition and experience of these qualities and frequencies we can enrich our perceptions, heighten our awareness and become conscious of this universal dance of creation for a more wholesome and integrated life.

APPLICATIONS OF SVARAM ORBITS

These novel Sound Sources and Instruments for Well-Being – SVARAM ORBITS – can be applied and used as

- **Enhancement of Personal and Living Spaces**
- **Bells for Meditation Places**
- **Tuners for Yoga and Wellness Studio**
- **Instruments for Therapy and Healing Modalities**
- **Specialized Sound Healing Instruments**
- **Cosmic Tuning Tools for Garden and Outdoor Environments**

Listen, Tune In, Play, Absorb, Integrate

The use of the SVARAM ORBITS, even while created as sophisticated frequency devices and unique Sound Sources do not need musical training and can actually be 'child's play' – with the same discovery spirit, curiosity, wonder, concentration and dedication with which children approach the unknown. We discern 5 stages in the exploration of the planetary frequencies and their inherent qualities, moods, symbolism and potential effect.

Listening

In contrast to mere hearing this is a focused state of full body receptivity and allows a deeper contact and natural recognition of the single frequency and its qualities. As this is a foundational practice in many contemplative traditions it needs patience, focus and will, while at the same time a purely receptive and relaxed poise of openness and the surprise of the 'beginner's mind'.

Tuning In

When the state of listening is deepens we come into a sympathetic resonance, swinging through our physical cells and energetic substance with the vibrations of the

selected and specific frequency. This allows us to fully tune in, meet, identify and become one with the qualities that are invoked by the vibrations, experiencing the possible impact on our physical, emotional, mental and whole psychic system.

Playing

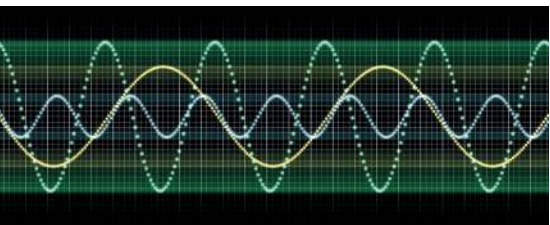
In a spirit of free and contemplative interplay and creative action and exchange we can explore different nuances, tonal qualities, places, possibilities and movements of the unique instruments both in their physical limitations and symbolic depth.

Absorbing

As we all have different ways, preferences and constitutions of perceptions, cognitions and reactions the process of absorption can be more tactile, proprioceptive, sensual, visual, graphic, chromatic, cognitive, imaginative, motoric or even synaesthetic, involving multiple layers of sensory feedback. One can also switch between these channels of impressions and expressive responses to come eventually to a full embodied experience of the planetary frequencies and their multidimensional 'stories'.

Integrating

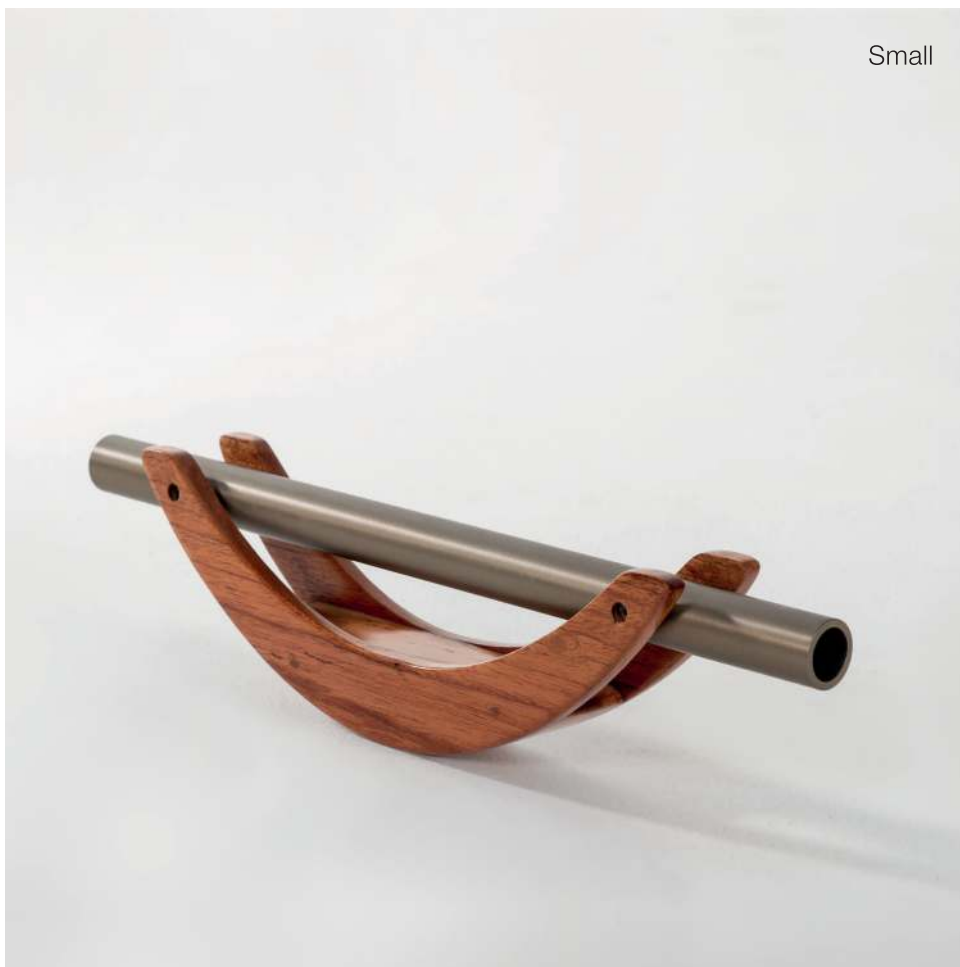
The fruit of the playful discovery and contemplative process will be a valuable and useful addition to one's life and wellbeing. The experience of a new quality, a recognition of something inherently familiar, an emerging understanding, a sudden insight, an overall sense of a specific energy and an exposure to an unknown life force, or universal force, can shift our attitude, open new horizons and have a positive, transforming impact on our lives. Only when we integrate experience consciously will we feel enriched, learning, growing and grateful for the gifts of creation.



ORBITS IN 3 OCTAVES, SYMBOLIC BRAINWAVES STATES

The “Orbits” come in 3 different octaves and related sizes, from

- the high pitched “**Sound Ships**” stimulating the immediate near-field of the waking realm of beta waves, to
- the “**Sound Bridges**” inviting into the mid-field of more dreamy alpha waves, to
- the deeper “**Sound Elliptics**” which invoke the calmer realms of restful theta waves of the far-field.



Sound Ships – Beta C5–C6

These are the smaller and higher octaves of the planetary frequencies. The Sound Ships can rock through cosmic oceans even while safely placed on your home table. Through a precise hit with the selected mallet on the outer edges they start to rock the specific vibrations into your near-field and call for a moment of alertness and attention.

Medium



Sound Bridges – Alpha C4–C5

The Sound Bridges span their vibrations into the mid-range of the planetary frequencies. Played with a gentle hit from the side the swing suspended under the supporting arches they create a subtle ‘doppler effect’, spreading their precisely tuned vibrations into your environment, inviting a more relaxed perception of the specific planetary qualities.

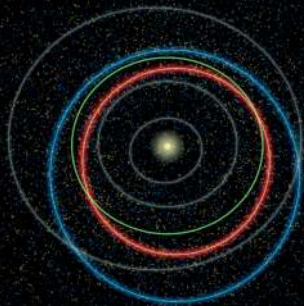
Large



Sound Elliptics – Theta C3–C4

These are veritable tuning rods for your living and creative spaces and can effectively spread their qualitative frequencies and value associations through its wider field, initiating and inviting a more contemplative and restful perception. They are ideal sonic portals opening and shifting the atmosphere from a common superficial mode into an extending awareness and deepening experience of the moment and its natural gift of conscious self and space.

THE PLANETARY FREQUENCIES (given in the lower Theta Octave C3–C4; color analogies refer to the



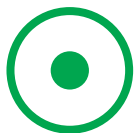
Earth Circumlation

136,10 Hz, **Green**

Quality: Harmonizing, balance, centeredness, ease, open, wide, bright, centred, solid yet soft, radiating, joyful, celebrative
Image: The earth's yearly journey, circling around the solar centre.

Affirmation: I connect to the centre of my being, I radiate my natural light, I'm in touch with the source of creation.

Effect: Relaxing, stress relief, moving with ease; gathering, centring, directing energies from the periphery to the core.



Earth Rotation

194,18 Hz, **Red-Orange**

Quality: Tonifying, grounding, solidity, coherence, Concentrated, self-willed, motivated, setting initiative, dynamic, intense, determined, confident

Image: The earth spinning around its own axis creating the cycle of day and night, the dance of polarities.

Affirmation: I am independent and free. I follow my way in my own rhythm. I can achieve what I do.

Effect: Energizing, stimulating, focusing, supporting the individual journey.



Moon

210,4 Hz, **Orange**

Quality: Inspiring, celebrative, flow, ecstasy, flowing, rhythmic, cyclic, sensitive, emotional, changeable, receptive, inviting, dreaming

Image: The monthly journey of the moon, waxing and waning between fullness and emptiness, rising and falling.

Affirmation: I am sensitive to myself and others. I have fantasy and am imaginative. I move in the flow of the river of life.

Effect: Cooling, loosening, sensitizing, smoothening, inspiring.



Mercury

141,27 Hz, **Blue-Green**

Quality: Stimulating, alerting, movement, communication, swift, agile, flexible, open-minded, intellectual, communicative

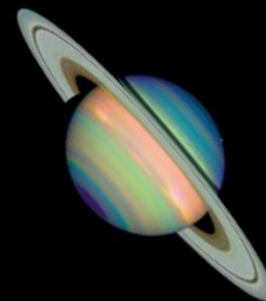
Image: Closest to the Sun, Mercury, on wings of wind, has the shortest, fastest circumlation period.

Affirmation: I am agile, fresh and flexible. I communicate with ease and with clarity. I relate to all circumstances swiftly and effectively.

Effect: Brings lightness, freedom, playfulness, interest, and curiosity; enlivens.



visual spectrum octave)



Venus

221,23 Hz, **Orange-Red**

Quality: Refining, embracing, beauty, charm, creative, formative, caring, loving, listening

Image: Venus sways in a golden means flower between the sun and the earth, transmitting its creative power and charm.

Affirmation: I am in tune with the source of creativity. I am loving and kind to myself and others. I live in balance and fulfillment.

Effect: Rounding, balancing, beautifying, refining, harmonizing, brings joy and calm.



Mars

144,72 Hz, **Blue**

Quality: Energizing, strengthening, focus, power, strident, direct, effective, energetic, courageous

Image: Mars circles beyond earth's orbit as the older, protective brother, guardian and warrior in charge.

Affirmation: I am strong and face all circumstances with courage. I am protected and have nothing to fear. I am effective and dedicate my actions to a higher service.

Effect: Charging, energizing, brings directive power and drive.



Jupiter

183,58 Hz, **Red**

Quality: Widening, enlightening, embrace, goodwill, largess, goodness, benevolence, supportive, providing, guiding

Image: Large, expanded Jupiter as the guide, teacher guru, reflects the energy of the solar centre in benevolence and wisdom.

Affirmation: I have faith in myself and the meaning of the circumstances of life. I open towards and trust my inner guide. I have a grand and forgiving nature.

Effect: Nourishing, brings confidence, truth, authenticity.



Saturn

147,36, **Indigo**

Quality: Deepening, discerning, condensation, order structured, defined, sets healthy and necessary boundaries

Image: The gatekeeper of the visible planets and the material plane, the portal to the unseen subtler realms and the mystery.

Affirmation: I am solid as a rock and deep as the sea. I am in charge and can control my circumstances positively. I am structured and my discipline supports my interest and action.

Effect: Brings solidity, force, discipline, effectiveness.



THE COSMIC OCTAVE

With the growing popularity of the work of "The Cosmic Octave" the SVARAM Planetary Plate Bells can offer an added dimension to the explorations and applications of the symbolic / archetypal approach of sound work with orbital frequencies and their possible effect on the human psyche and experience.

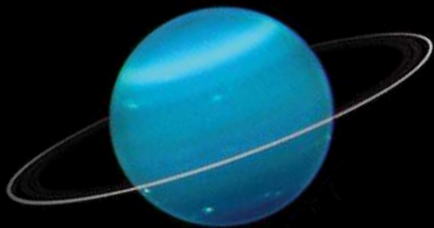
Through their strongly resonant tone they can evoke the atmosphere of the given frequency / image / intention and also support and complement the more spreading, widening impact of tuned gongs through clearly pronounced and focused fundamentals, indicating the actual orbit of the 'heavenly bodies' circling around the sun.

While in this recently launched ORBITS series we are limiting our standard selection to the frequencies of the visible planet of the ancient and symbolic systems, Plate Bells with the tuned frequencies of the later discovered planets Uranus, Neptune and Pluto and other tonal vibrations of the "Cosmic Octave" (eg. the Platonic Year, Sun, Sedna...) can be crafted on special request.

Please refer to Hans Custo, the originator of the

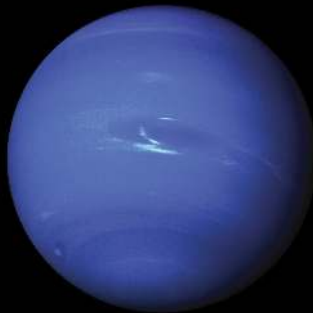
Cosmic Octave: https://www.academia.edu/4078784/The_Cosmic_Octave_The_origin_of_harmony

CYCLE	FREQUENCY (Hertz)	TONE	DIFF. 440 HZ
Earth			Cent
Synodic Day	194.18	G	- 16.1
Earth's Year	136.10	C#	- 31.4
Platonic year	172.06	F	- 25.5
Synodic Moon	210.42	G#	+ 22.9
Sun	126.22	B	+ 38.2
Planets			
Mercury	141.27	C#	+ 33.2
Venus	221.23	A	+ 9.6
Mars	144.72	D	- 25.1
Jupiter	183.58	F#	- 13.3
Saturn	147.85	D	+ 11.9
Uranus	207.36	G#	- 2.5
Neptune	211.44	G#	+ 31.3
Pluto	140.25	C#	+ 20.4



Uranus

207.36 Hz, Blue-Green:



Neptune

211.44 Hz, Greenish-Blue



Pluto

211.44 Hz, Charcoal Black, to Dark Orange and White



Delta
(0.5 hz - 4 hz)



Deep Sleep
Transcendence
Restoration

Theta
(4 hz - 8 hz)



Visualization
Trance
Dreaming

Alpha
(8 hz - 12 hz)



Meditation
Creativity
Relaxation

PLANETARY PLATE BELLS

Having worked with precision tuning of the Plate Bells over many years, we can now offer these strongly resonant sound sources in these specially calculated frequencies in standard 2 octaves (C3-C5), and the bass range (C2-B2) on special order.

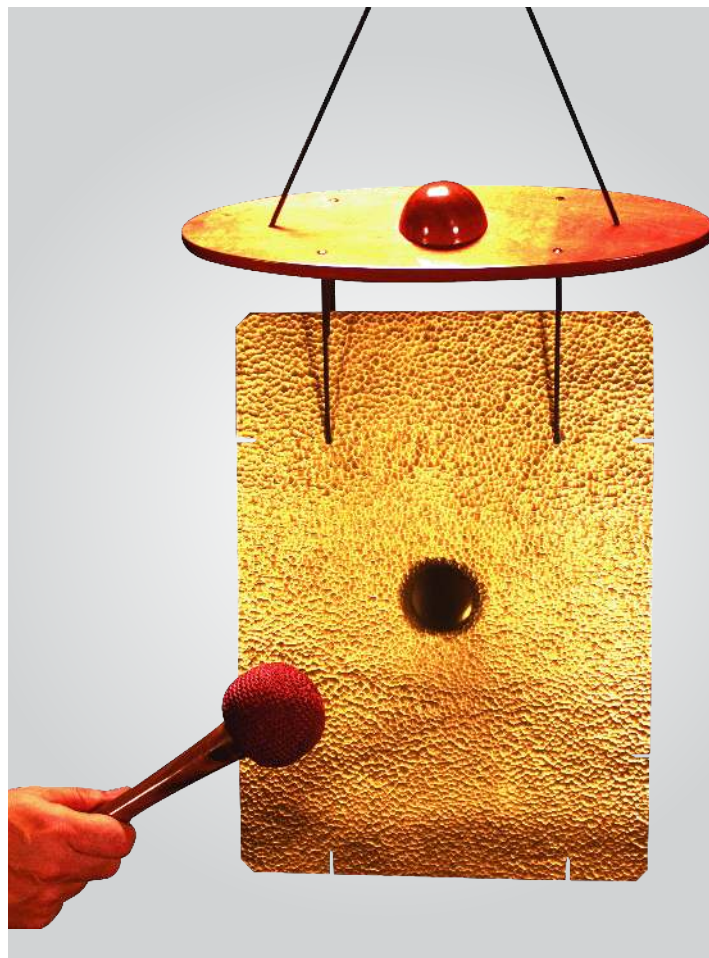
Each of the crafted instruments is tuned in its fundamental to the specific, indicated planetary frequency, as well as to its second and fourth harmonic to give a clear ring and sustain of the desired, calculated archetypal vibration.

HAND-CRAFTED PROCESS

As an extra feature the bells can be hand-hammered, and embossed on customized request, to enhance the brilliance of its sound. The hammering condenses the material and somehow makes the bells more dynamic, rich in their spread and inherent movement of the harmonic spectrum, as if the sound has its own life, unfolds, moves, tells its story, reveals the frequency's meaning.

LOW - MID + HIGHER OCTAVE

The weight and dimension of each plate depends on the actual tuning and octave.



Delta

These exceptional large size Plate Gongs need to be mounted on a stand and are only made on special order. In addition to the standard brass material these more massive resonance instruments can also be made available in our specially hardened and more affordable aluminium alloy.



Theta

The mid-range are the real fundamental frequency supporters for the therapeutic play on Planetary Gongs, and have the function to markedly sound and sustain the signifying planetary frequency in its precision, allowing the tamtam/gongs to spread their more overall and embracing sound atmosphere.



Alpha

These smaller frequency tuned plate bell can easily be handheld and swung to increase the spatial acoustic effect. Their versatile use in different sound healing modalities makes them interesting sonic devices spreading the symbolic vibrations of the planetary movements.



CRYSTAL SOUND SHIPS

In addition to the existing standard Sound Ships we can now offer this special edition made with selected crystal glass and developed through our explorations with new sound healing modalities.

This allows these precise and veritable 'tuners' to be used also without mallets, merely through a gentle friction action with moistened fingers across the glass. The sound emerges very softly, seemingly from nowhere - or the depth of space - and can do have a surprising effect on the listener. This can be especially helpful working with sensitive clients.

The Crystal Sound Ships are available in the same range as the standard ones, and unfold their magic especially in interval play of selected combinations of two or more planetary frequencies together.

For example balancing

- the male and female energies through Mars and Venus,
- the fatherly and motherly influences through Saturn and Jupiter
- the solar and lunar vibrations through Earth Circulation and Moon



SVARAM Mallets

Mallets are important components of many instruments and function as bridging extensions and specifications of our hands, refining and bringing in qualities of texture, weight, materials to evoke specific sound characters, tonal spectres and varied vibrations from the actual resonating instrument's part and material.

Selected handcrafted mallets, according to the size and weight of the plate bell, are included with every plate bell and can each evoke a different harmonic spectrum of the given frequency.



Friction Mallets/Flumies

We now offer the first generation, researched, and curated Friction Mallets/Flumies from a mastermind creator, colleague, and associate of Svaram.

Flow Flumies are friction mallets that are individually handmade with proprietary silicone, aviation-grade carbon fibre shafts, and a bit of magic. Created initially for gongs, this SVARAM formulation is developed to unlock new dimensions and the sonic spectrum across many of SVARAM's metal instruments, especially the planetary plate bells. Their unique geometry borrows from nature and reveals incredible overtones, undertones, and different pitches that are felt as strongly as they are heard.

The flumies illicit an expansive and resonant tonality from the plate bells, gongs, and tubular chimes as remarkable complements to instruments, offering a rich sound tapestry. The broad range of frequencies produces powerful bass notes that resonate deeply and shimmering highs that sparkle in the air. The immersive experiences created through these flumies on our instruments are often used in sound therapy and meditation, as they can facilitate relaxation, stress relief, and a deep state of contemplation. The auditory landscape created can be grounding yet ethereal, making these mallets versatile tools for well-being and performances alike.

Unlike traditional percussive mallets that produce powerful, sweeping tones upon striking, our friction mallets allow for more sustained and persistent tones. By gently pulling the head across the plate's surface, you can create a continuous sound without the need to strike, allowing the sound to emerge from silence.

From impressions of the whale songs at the depths of our oceans to the throbbing waves emitted by other galaxies, Flow Flumies (friction mallets) create a fascinating array of sounds.

1. Whale Songs: Pulling a flumie across the gong's surface can produce hauntingly beautiful sounds reminiscent of whales or other marine creatures. These ethereal tones evoke a sense of mystery and depth.

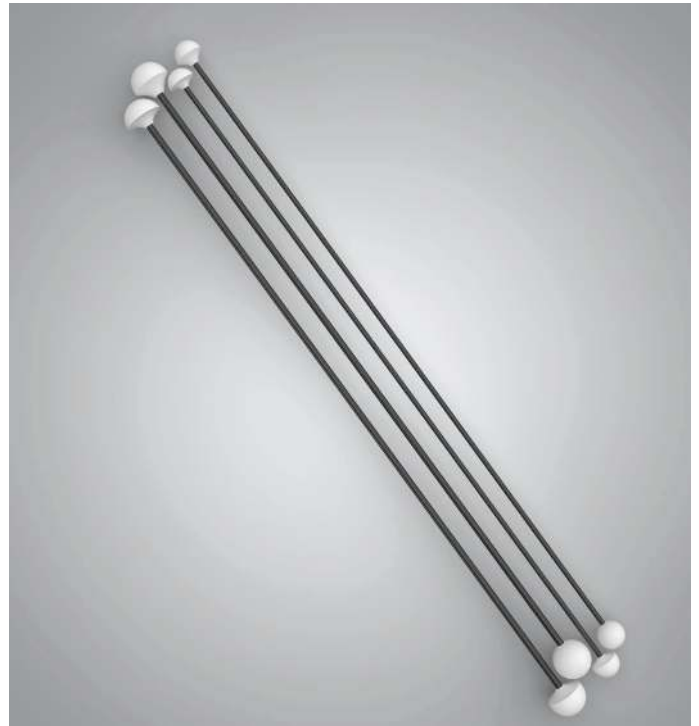
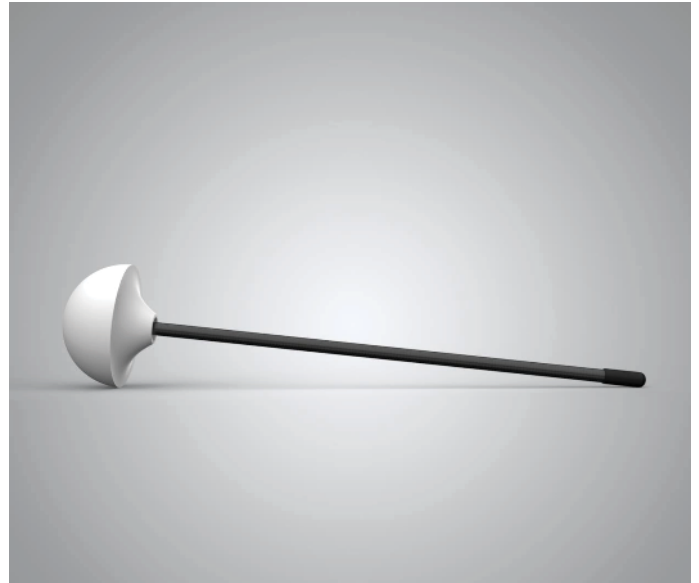
2. Overtones: Flumies allow you to explore the overtones of the instruments more effectively than traditional striking. You can emphasize specific harmonics and create a rich sonic tapestry by varying pressure and movement.

3. Drone Effects: Flumies produce sustained drone-like effects. The continuous rubbing motion generates a steady sound that resonates throughout the substance of the instrument.

4. Volcano Rumbles: With larger flumies, you can create deep, rumbling sounds akin to an erupting volcano. These low-frequency vibrations add primal energy to your sound.

5. Meditative Tones: Flumies are perfect for meditative sessions. Their sustained tones encourage relaxation, mindfulness, and inner exploration.

Flumies offer a unique sonic palette, allowing you to express playful creativity and connect with hidden depths of the mystery of multi-layered vibrations.



INTENT

Through the exploration, study, work and creative play with the archetypes of the planets, their characters and qualities have been brought into diverse codified systems as for example in “Jyotish” – Vedic Astrology, and as the unfolding-over-millennia ‘Science of Light’. “Sankalpa” as a pragmatic concept of intention, will and resolve is already present in the Vedic age, and now re-emerging in resonant field theories as the power of intent or the ‘law of attraction’. As stated in one of the principles of Sound Healing by Jonathan Goldman “Healing = Frequency + Intent”, to deeply explore and fully utilize the potential of the SVARAM ORBITS is to bring the sonic/frequency component together with the inner attitude and practice of creative, intentional, thought, emotive and psychically directed power of intent, in accordance with the 5-fold way of approaching these new sonic tools, as described above, This can be effectuated in 3 phases:

Contemplate!

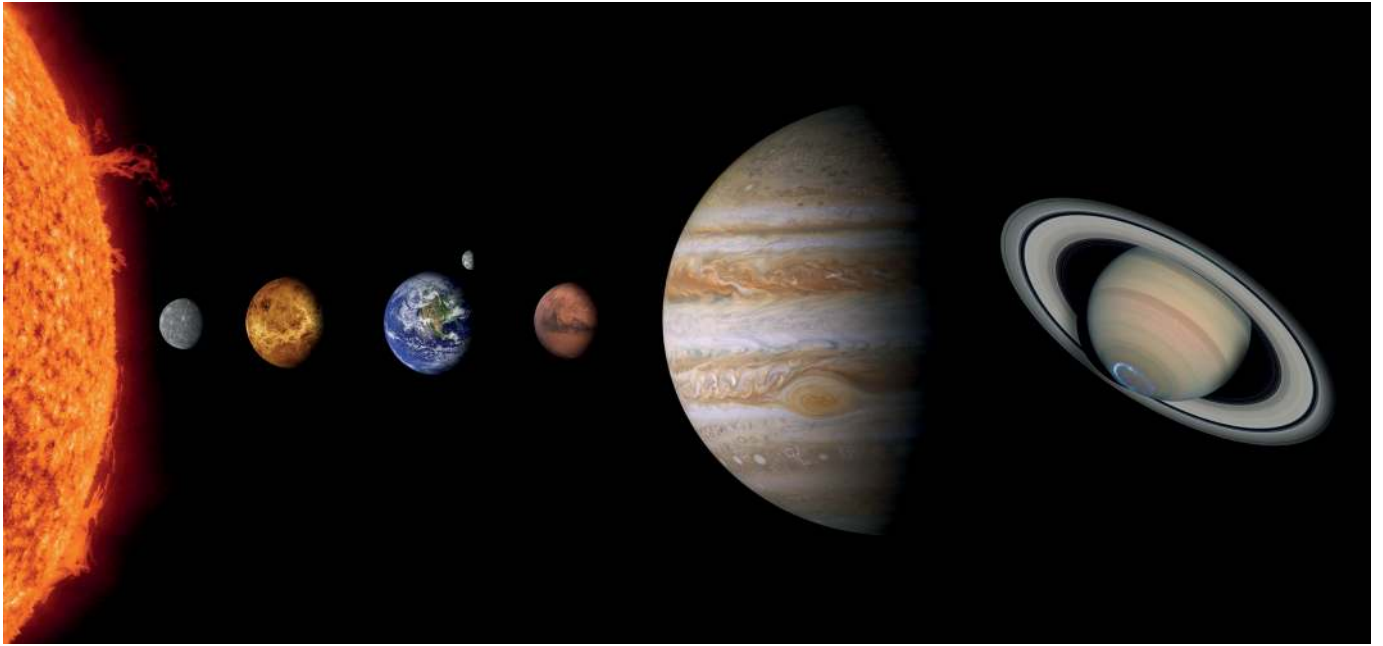
Become familiar, intuitively or through study and experimentation with the qualities, symbolism, images, physics and descriptions of the planets. Use your imagination to bring this understanding and its perception together with the pure phenomena of the frequency and tonal spectrum of the instrument. Listen deeply, let it resonate within, sense it in your body, tune into it, absorb it, be creative with it. Unify the phenomenas of these inner perceptions with the selected frequency, letting the total and enriched resonance grow and spread within.

Concentrate!

Having immersed yourself in the inner dimension of the contemplation, image, associations and felt the sensation of it all, let the sensed impressions come together, focused in a full and enriched field of charged meaning and energy. Out of this absorption and identification with the vibrations of the field you can let an inherent intent emerge or set a direction for the sonic, auric energies to flow.

Co-Create!

The generated potential of the subtle and sonic contemplation can now be utilized and translated into your chosen context. Whether you are in some inner self-practice or work with a space, environment or with a dear one, a friend, client or patient the ‘information’ of your ‘sonic cosmic medicine’ by its selfless nature of ever-present, ever-moving creative abundance at the service of harmony wants to spread, be shared, placed in the existing vacuums of chaos, dis-orientation and dis-ease. As the origin of your contemplation is based on archetypal cosmic principles and their natural, ordered, universal movements so can its power be effectuated in an intentional co-creative, clarifying, life-supporting and enhancing, balancing, healing, holy-making, wholesome gesture of sonic love.



THE SUN AND THE “MOVING STARS”

The Sun as the source of light and energy, the origin and sustainer of life, pulsates and attracts the journeying and constantly moving planets in defined orbits around its gravitational center. It has brought clarity, order, coherence and understanding into the constant flux and evolutionary movement of nature inspired human civilization from its very beginnings and created diverse cosmologies, mythological or factual scientific narratives. To harness the ancient wisdom and empirical data for the betterment of our challenging contemporary lives in this important global transition, the renewed understanding and experience of cosmic principles and components can be essential factors in the equation of a more balanced and wholesome life.

SVARAM ORBITS represent metaphorically the inner, visible planets and their movements, characters and symbolic qualities as an expression of the cosmic order of our larger life field, the Solar System. Since the beginning of human civilization the ‘moving stars’ have inspired and invoked awe and wonder in respect for the miracle of creation and its cycles. We have responded with stories, mythologies, melodies and symphonies in the need to belong, to be part of a larger coherent whole, to be able to find and define our home in the larger surrounding cosmos.

SVARAM ORBITS are a contemporary, 21st century expression of the age-old quest to find the means to live in closer harmony with the cosmic cycles and principles, with the movement of the guarding stars in the night sky, and in tune with the unheard but sensed “music of the spheres”. The ‘sonic-symbolic’ representations of the 7 inner, visible planets offer unique ‘sound tools’ and specialized ‘frequency instruments’ to play and work with the archetypal images, qualities and energies of ancient lore, additionally informed by calculations from modern astrophysics.



SVARAM™
SOUND EXPERIENCE

SVARAM – Musical Instruments & Research
Auroville 605111 TN India / Tel. +91 413 2622220
www.svaram.org / svaram@auroville.org.in



Click here to see the video on
YouTube or scan the QR Code.

Picture credits:

Earth Circumlation: NASA/JPL-Caltech

Earth Rotation: NASA/JPL

Moon: NASA/Goddard Space Flight Center

Mercury: NASA/Johns Hopkins University

Venus: NASA/JPL

Mars: NASA/JPL/Malin Space Science Systems

Jupiter: NASA, ESA, and J. Nichols

Saturn: NASA/JPL/STScI