

ATRIUM® SERIES LOUDSPEAKERS

THE SPEAKER FOR ALL SEASONS



SERIES | CATALOG

**polk**audio®



**ATRIUM® SUB10/SAT30 SYSTEM—  
BUILT FOR YOUR OUTDOOR LISTENING  
PLEASURE ALL YEAR LONG**

Like the entire Atrium Series, the Atrium Sub/Sat System delivers great sound in stylish weather-proof housings with a variety of outdoor mounting and placement options. But unlike other outdoor speaker systems, the Atrium Sat30 and Sub10 create a complete, full-range loudspeaker system with the impact of a true home theater system right on your deck or in your yard.

Polk Audio®'s Atrium Sub10 is an indoor-quality 10" downward-firing subwoofer constructed of waterproof materials and housed in a mineral-filled composite

enclosure. Its long-throw Dynamic Balance® cone technology forces low frequency response straight down, turning the whole earth into your bass-producing instrument! This is deep, musical bass that will get you up and dancing. The acoustically-matched, satellite speakers are free to rock out in the upper registers, delivering Polk® quality sound that fills out the full-range effects of the system, even in wide-open outdoor environments.

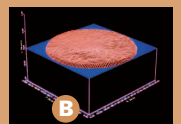
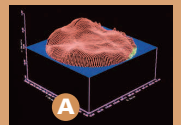
For music or even outdoor movies, the Atrium Sub/Sat System creates the mood, turning your backyard into a dancehall, a movie theater, a cozy dining room or a fun day by the pool.



polk  
technology

**DYNAMIC BALANCE®**

Advanced laser imaging technology allowed Polk Audio engineers to see the entire vibrating surface of a driver and tweeter; they could actually see the resonance develop on the speaker cones—resonance that is the root cause of loudspeaker distortion (A). Being able to see the resonance develop, they determined the “Dynamic Balance” of high-tech materials, geometry and construction that effectively tune out the offending resonance (B). Exclusive Dynamic Balance Composite Material Technology delivers sound that’s effortlessly clean and clear, even at lifelike volume. See more about Dynamic Balance at [www.polkaudio.com/catalog/technology/](http://www.polkaudio.com/catalog/technology/).



### NATURAL SOUND IN A NATURAL SETTING

No mock-“rock” speaker can match the rock that comes from this sub/sat system. Polk Audio has been the leader in compact sub/sat systems for twenty years, and we know the secret to serious full-range sound reproduction in small speaker systems. The secret is deep bass. No outdoor speaker system can do it. Outdoors, with no walls or room corners to interfere, bass frequencies have nowhere to go, so they fly off into space leaving you feeling thin and tinny. Polk Audio's Atrium Sub10 changes that equation.

Meanwhile, the acoustically-matched Sat30 satellite speakers are free to rock out in the upper registers. The detailed, high-fidelity sound of the Sat30 satellite speakers, when partnered with the Atrium Sub10 subwoofer, produces the kind of dynamic full-range performance that is guaranteed to get the party started, even in wide-open outdoor environments.

### MORE THAN A LANDSCAPE SPEAKER

The Sat30s are tastefully designed to mimic high-end outdoor lighting, so they can be installed anywhere and they'll never get in the way of your landscape. They're color impregnated and impact tested to stand up to the elements for years to come. The Sub10 is built tough and can support up to 200 lbs, so you can use it as a plant stand or a side table. Its durable terracotta finish is paintable to match your outdoor décor. And with multiple innovative mounting options for the Sat30s, you can enjoy the system anywhere, from your yard to your porch, in breezeways or pagodas, and in Florida rooms or sunrooms. Anywhere you want to combine your love of the great audio with your love of great outdoors.





**ATRIUM SUB10**

- Downward-firing 10" subwoofer driver delivers earth-shaking bass.
- Sealed in a molded mineral-filled composite enclosure that meets Polk's own exacting standards for years of weather-proof outdoor performance.
- Color-impregnated resin will never fade.
- Paint it to match your outdoor décor.
- Use it as a plant stand or a pedestal table.
- Includes 1 meter CL3 rated 4 conductor direct burial pigtail cable. No exposed wiring gets in the way of the weed whacker.
- Maximum wiring flexibility with built-in high performance crossover technology. The dual-voice-coil Sub10, with built-in low-pass filters, can be connected directly to its own amplifier channels for independent volume control. Or an easy two-channel connection can be made by connecting the three-speaker sub/sat system to your two-channel amplifier.
- Optional grille available.

ALL WEATHER OUTDOOR SUBWOOFER  
 OVERALL DIMENSIONS:  
 16 7/8" DIAMETER X 11" H  
 (42.86CM DIAMETER X 27.94CM H)  
 OVERALL FREQUENCY RESPONSE: 40Hz - 200Hz.

SEE SPECIFICATIONS FOR MORE DETAILED  
 PRODUCT INFORMATION.

  
 TERRACOTTA  
 (PAINTABLE)



**ATRIUM SUB10**



200 Watt downward-firing subwoofer delivers earth-shaking bass. Literally. Massive 10" long-throw Dynamic Balance driver eliminates distortion for deeper, cleaner bass even at higher volume.

**ATRIUM SAT30**

- Each satellite speaker features a 3 1/2" long-throw midrange driver & 3/4" dome tweeter with Dynamic Balance technology for ideal stiffness, damping and low mass, delivering superb clarity, detail and high efficiency even in outdoor environments.
- Acoustically-matched to blend seamlessly with the Sub10 subwoofer even in difficult, wide-open outdoor spaces.
- Cabinet shape breaks up internal resonance for clean, clear sound.
- Withstands years of weather with a mineral-filled polypropylene housing and stainless steel grilles and hardware. These speakers live outside.
- Mount the satellites on your deck or on the wall; drop them from the ceiling with the pendant-mount, or drive them into the ground using the speaker stake and angle the speakers for optimum performance.
- All weatherproof mounting hardware is included.

ALL WEATHER OUTDOOR SATELLITE  
 OVERALL DIMENSIONS:  
 6" H X 5 1/2" W X 8" D  
 (15.24CM H X 13.97CM W X 20.32CM D)  
 OVERALL FREQUENCY RESPONSE: 100Hz - 22kHz.

SEE SPECIFICATIONS FOR MORE DETAILED  
 PRODUCT INFORMATION.

  
 BROWN  
 (PAINTABLE)



Mount the satellites on your deck or on the wall; drop them from the ceiling with the quick-change pendant-mount, or drive them into the ground using the speaker stake and angle the speakers for optimum performance.

**ATRIUM SAT30**

**ATRIUM65SDI**

The Atrium65SDI has a unique, patented dual input/single input switch. Combined with its ingenious dual tweeter array, this switch allows the Atrium65SDI to be used either as a single high performance stereo loudspeaker, or the left-or-right speaker in a high performance stereo pair.

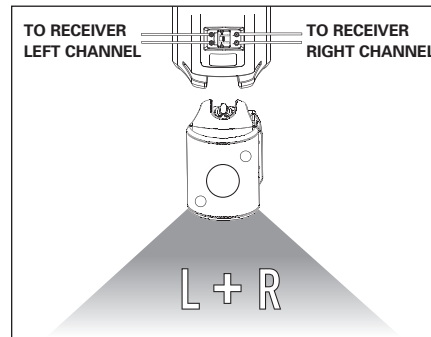
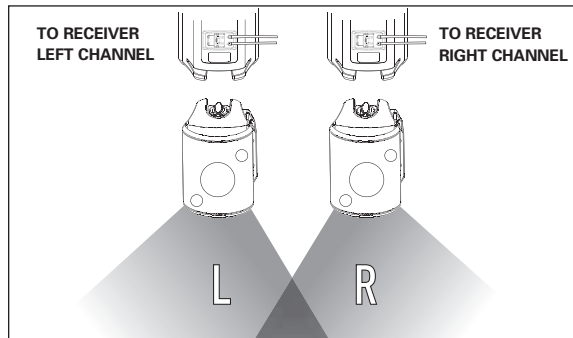
- Patented PowerPort® bass venting, with patent-pending water resistant port plug, for extraordinary bass response even in extreme conditions.
- Dual tweeter array.
- 6 1/2" dual voice coil driver delivers broad coverage and surprising low end response in situations where two speakers would be impractical.
- 1" metalized dome tweeter with neodymium magnet delivers exceptional accuracy.
- Meets or exceeds ASTM D5894-Salt Fog, Mil Standard 810 Immersion and Mil Standard 883 Method 1009.8 for salt and corrosion tests.\*
- Rustproof aluminum bracket allows multiple mounting options and full 90° rotation.

\*WITH SUPPLIED PORT PLUG INSTALLED. USE THE PRODUCT WITH POWERPORT VENTING IN SHELTERED LOCATIONS FOR BEST BASS RESPONSE. INSTALL THE PORT PLUG WHEN THE PRODUCT IS FULLY EXPOSED TO WATER.

SINGLE/DUAL INPUT ALL WEATHER LOUDSPEAKER  
 OVERALL DIMENSIONS:  
 13 1/2" H X 7 11/16" W X 9 5/16" D  
 (34.29CM H X 19.53CM W X 23.65CM D)  
 OVERALL FREQUENCY RESPONSE: 50Hz - 20kHz.

SEE SPECIFICATIONS FOR MORE DETAILED PRODUCT INFORMATION.

-  MATTE BLACK (PAINTABLE)
-  MATTE WHITE (PAINTABLE)

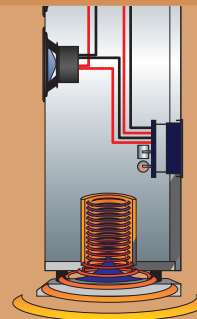


ATRIUM65SDI



**POWERPORT®**

Polk Audio loudspeakers shatter the boundaries of bass response with patented PowerPort bass venting technology. Conventional ports have limitations: air turbulence at the mouth of the port can cause "port noise" and bass output losses of up to 3dB. (A loss of 3dB means that half of your amplifier power is being wasted on turbulence instead of bass!) The distinctive design of the Polk Audio PowerPort gradually slows air exiting the port, vastly reducing turbulence, port noise and energy loss. The result is bass that you will feel as well as hear; bass that reaches out, grabs you by the lapels and shakes you up—for a completely visceral and emotional movie and music experience. See more about PowerPort at [www.polkaudio.com/catalog/technology.php](http://www.polkaudio.com/catalog/technology.php).



**ATRIUM60**

You'll appreciate the Atrium60 for more than its ability to fill large spaces with big, lifelike high quality sound, because the Atrium60 is built to withstand the elements as it delivers years of great performance.

- 6 1/2" mid/woofer with mineral-filled polypropylene cone and butyl rubber surround for excellent midrange clarity. A 2 lb. ceramic magnet ensures high output and precise control for sound big enough to fill the great outdoors.
- 1" metalized dome tweeter with neodymium magnet delivers exceptional accuracy.
- PowerPort, Polk's patented bass venting technology, delivers high efficiency and extraordinary bass response in a modest cabinet size.
- Meets or exceeds ASTM D5894-Salt Fog, Mil Standard 810 Immersion and Mil Standard 883 Method 1009.8 for salt and corrosion tests.\*
- All stainless steel and brass hardware for years of rustproof reliability.
- Rustproof aluminum bracket allows multiple mounting options and full 90° rotation.

\*WITH SUPPLIED PORT PLUG INSTALLED. USE THE PRODUCT WITH POWERPORT VENTING IN SHELTERED LOCATIONS FOR BEST BASS RESPONSE. INSTALL THE PORT PLUG WHEN THE PRODUCT IS FULLY EXPOSED TO WATER.

ALL WEATHER LOUDSPEAKER  
 OVERALL DIMENSIONS:  
 13 1/2" H X 7 11/16" W X 9 5/16" D (34.29CM H X 19.53CM W X 23.65CM D)  
 OVERALL FREQUENCY RESPONSE: 50Hz - 20kHz.

SEE SPECIFICATIONS FOR MORE DETAILED PRODUCT INFORMATION.



MATTE BLACK (PAINTABLE)    MATTE WHITE (PAINTABLE)



**ATRIUM60 back with PowerPort venting.**



**ATRIUM60**

**MIL-SPEC WATER PROOFING**

Polk Audio Atrium Series Loudspeakers meet or exceed industry and military specifications for environmental endurance. The tests have coded names like "ASTM D5894-UV Salt Fog," "Mil standard 810 Immersion" and "Mil standard 883 Method 1009.8 for salt and corrosion." Passing them means that Polk Multi-Application Loudspeakers can withstand some of the worst that Mother Nature (or your bathroom or kitchen installation location) can dish out. See more about Mil-Spec Waterproofing at [www.polkaudio.com/catalog/technology/](http://www.polkaudio.com/catalog/technology/).



polk  
technology



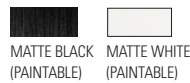
**ATRIUM55**

The Atrium55 Indoor/Outdoor Loudspeaker is the ultimate in flexibility, reliability and high fidelity sound quality for the great outdoors. The Atrium55 gives you the freedom to put speakers anywhere you want high performance sound. The kitchen, the den, the guestroom, the patio or pool, even the backyard BBQ pit. The rugged Atrium55 meets or exceeds stringent industry and military specifications for full exposure to the elements for years of reliable high performance sound anywhere in and around your home.

- Meets or exceeds Military Waterproofing Specs, ASTM D5894-Salt Fog, Mil Standard 810 Immersion and Mil Standard 883 Method 1009.8 salt and corrosion tests.
- Rustproof aluminum brackets allow multiple mounting options and full 90° rotation: aim them to deliver the best possible sound in a variety of locations.
- Stainless steel and brass hardware for years of rustproof reliability.

ALL WEATHER LOUDSPEAKER  
 OVERALL DIMENSIONS:  
 10 3/4" H X 7 1/2" W X 9 3/8" D (27.30CM H X 19.05CM W X 23.81CM D)  
 OVERALL FREQUENCY RESPONSE: 60Hz - 20kHz

SEE SPECIFICATIONS FOR MORE DETAILED PRODUCT INFORMATION.



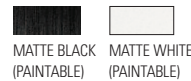
**ATRIUM50**

The Atrium50 Multi-Application Loudspeaker produces high fidelity sound quality anywhere you want great sound, whether it's entertaining outdoors by a pool, helping around the kitchen, relaxing in the family den or just hanging out in the backyard. This is one rugged speaker, built to deliver years of great performance over years of exposure to the elements.

- All stainless steel and brass hardware for years of rustproof reliability.
- Meets or exceeds Military Waterproofing Specs, ASTM D5894-Salt Fog, Mil Standard 810 Immersion and Mil Standard 883 Method 1009.8 salt and corrosion tests.
- Rustproof aluminum bracket allows multiple mounting options and full 90° rotation: aim them to deliver the best possible sound in a variety of locations.
- Gold plated 5-way binding post inputs.
- Sculpted front baffle and rounded enclosure minimize diffraction (sound reflecting off of hard edges) for more open and lifelike imaging.

ALL WEATHER LOUDSPEAKER  
 OVERALL DIMENSIONS:  
 9 1/2" H X 6 1/4" W X 7 3/4" D (24.13CM H X 15.88CM W X 19.7CM D)  
 OVERALL FREQUENCY RESPONSE: 75Hz - 20kHz

SEE SPECIFICATIONS FOR MORE DETAILED PRODUCT INFORMATION.



**ATRIUM55**



**ATRIUM50**





**ATRIUM45**

Like all our other multi-application loudspeakers that were created to live and play outdoors, the Atrium45 meets or exceeds several stringent military waterproofing specifications. The loudspeaker's unobtrusive, compact design makes it easy to tuck under eaves, but there's nothing small about its sound.

- Meets or exceeds Military Waterproofing Specs, ASTM D5894-Salt Fog, Mil Standard 810 Immersion and Mil Standard 883 Method 1009.8 salt and corrosion tests.
- Rustproof aluminum brackets allow multiple mounting options and full 90° rotation.
- Stainless steel and brass hardware for years of rustproof reliability.

ALL WEATHER LOUDSPEAKER  
 OVERALL DIMENSIONS:  
 9 1/2" H X 6 1/4" W X 7 5/8" D (24.13CM H X 15.88CM W X 19.37CM D)  
 OVERALL FREQUENCY RESPONSE: 75Hz - 20kHz

SEE SPECIFICATIONS FOR MORE DETAILED PRODUCT INFORMATION.



ATRIUM45



**ATRIUM45p**

The Atrium45p is for any indoor application where an extra amp would be needed. It's equipped with an on-board 50 Watt stereo amplifier, and designed for indoor use only. The self-powered Atrium45p turns a portable MP3 or CD player into a room-filling stereo, or can be used for any application where an extra amplifier would be needed.

- Front panel volume control allows you to set volume.
- Speaker level and line level inputs allow easy hookup to any kind of electronics.
- Rustproof aluminum brackets allow multiple mounting options and full 90° rotation.
- Stainless steel and brass hardware for years of rustproof reliability.
- Gold plated 5-way binding post inputs.
- Sculpted front baffle and rounded enclosure minimize diffraction (sound reflecting off of hard edges) for more open and lifelike imaging.

SELF-POWERED LOUDSPEAKER, 50W INDOOR USE ONLY  
 OVERALL DIMENSIONS:  
 9 1/2" H X 6 1/4" W X 7 5/8" D  
 (24.13CM H X 15.88CM W X 19.37CM D)  
 OVERALL FREQUENCY RESPONSE: 60Hz - 20kHz

SEE SPECIFICATIONS FOR MORE DETAILED PRODUCT INFORMATION.



ATRIUM45p



## ALL WEATHER LOUDSPEAKERS

	ATRIUM SUB10	ATRIUM SAT30
Driver Complement	1 - 10" (25.4cm) Dynamic Balance composite driver w/ butyl rubber surround 2 - 1 1/2" (3.8cm) voice coils	1 - 3 1/2" (8.9cm) Dynamic Balance composite driver w/ extended motor structure 1 - 3/4" (1.9cm) soft dome tweeter w/ neodymium magnet
Power Handling (continuous)	n/a	n/a
Power Handling (Peak)	n/a	n/a
Frequency Response: Overall -3db limits	40Hz-200Hz (50Hz-110Hz)	100Hz-22kHz (115Hz-20kHz)
Impedance	8 Ohms (2 - 8 Ohms voice coils)	compatible with 8 Ohms outputs
Recommended Amplification	10 - 100 Watts / channel (per voice coil)	10 - 100 Watts / channel
Efficiency	88dB	88dB
Available Finish	terracotta	chestnut brown
Product Weight / Shipping Weight	16lbs each / 22lbs each (7.26kg each / 9.98kg each)	4lbs each / 6lbs each (1.81kg each / 2.72kg each)
Dimensions	16 7/8" Diameter x 11" H 42.86cm Diameter x 27.94cm H	6" H x 5 1/2" W x 8" D 15.24cm H x 13.97cm W x 20.32cm D
Features	keyhole slot for locking down on a deck, security eyebolt for garden, Military Spec Waterproofing	rustproof hardware, wall bracket, hanging pendant, in-ground stake with security plate, Military Spec Waterproofing

## ALL WEATHER LOUDSPEAKERS

	ATRIUM65SDI	ATRIUM60	ATRIUM55
Driver Complement	1 - 6 1/2" (16.5cm) dual voice coil driver, 2 - 1" (2.5cm) metalized dome tweeters with neodymium magnets	1 - 6 1/2" (16.5cm) mineral filled polymer cone, 1 - 1" (2.5cm) metalized dome tweeter with neodymium magnet	1 - 5 1/4" (13.3cm) mineral filled polymer cone, 1 - 1" (2.5cm) soft dome tweeter with neodymium magnet
Power Handling (continuous)	125 Watts	n/a	100 Watts
Power Handling (Peak)	250 Watts	n/a	200 Watts
Frequency Response: Overall	50Hz - 20kHz	50Hz - 20kHz	60Hz - 20kHz
Impedance	compatible with 8 Ohms outputs	compatible with 8 Ohms outputs	compatible with 8 Ohms outputs
Recommended Amplification	10 - 125 Watts / channel	10 - 100 Watts / channel	10 - 100 Watts / channel
Efficiency	90dB	89dB	90dB
Available Finish	matte black or matte white paintable	matte black or matte white paintable	matte black or matte white paintable
Product Weight / Shipping Weight	12 lbs each / 13 lbs each (5.4 kg each / 5.9 kg each)	11.5 lbs each / 27 lbs pair (5.2kg each / 12.25 kg each)	7.5 lbs each / 16 lbs pair (3.4 kg each / 7.26 kg each)
Dimensions	13 1/2" H x 7 11/16" W x 9 5/16" D 34.3cm H x 19.5cm W x 23.6cm D	13 1/2" H x 7 11/16" W x 9 5/16" D 34.3cm H x 19.5cm W x 23.7cm D	10 3/4" H x 7 1/2" W x 9 3/8" D 27.3cm H x 19.1cm W x 23.8cm D
Features	PowerPort, 5-way binding posts, dual/single input switch, Military Spec Waterproofing	PowerPort, rustproof hardware, 5-way binding posts, Military Spec Waterproofing	rustproof hardware, 5-way binding posts, Military Spec Waterproofing



**ALL WEATHER  
LOUDSPEAKERS**

	<b>ATRIUM50</b>	<b>ATRIUM45</b>	<b>ATRIUM45p †*</b>
Driver Complement	1 - 4 1/2" (11.43cm) mineral filled polymer cone driver, 1 - 3/4" (1.9cm) soft dome tweeter with neodymium magnet	1 - 4 1/2" (11.5cm) mineral filled polymer cone driver, 1 - 3/4" (1.9cm) soft dome tweeter with neodymium magnet	1 - 4 1/2" (11.5cm) mineral filled polymer cone driver, 1 - 3/4" (1.9cm) soft dome tweeter with neodymium magnet
Power Handling (Continuous)	100 Watts	80 Watts	25 Watts
Power Handling (Peak)	200 Watts	160 Watts	100 Watts
Frequency Response: Overall	75Hz - 20kHz	75Hz - 20kHz	60Hz - 20kHz
Impedance	compatible with 8 Ohms outputs	compatible with 8 Ohms outputs	n/a
Recommended Amplification	10 - 80 Watts / channel	10 - 80 Watts / channel	n/a
Efficiency	89dB	89dB	n/a
Available Finish	matte black or matte white paintable	matte black or matte white paintable	matte black or matte white paintable
Product Weight / Shipping Weight	5.5 lbs each / 11 lbs pair (2.5 kg each / 5 kg pair)	5.5 lbs each / 11 lbs pair (2.5 kg each / 5 kg pair)	6.5 lbs each / 16 lbs pair (3 kg each / 7.26 kg pair)
Dimensions	9 1/2" H x 6 1/4" W x 7 3/4" D 24.1cm H x 15.9cm W x 19.7cm D	9 1/2" H x 6 1/4" W x 7 5/8" D 24.1cm H x 15.9cm W x 19.4cm D	9 1/2" H x 6 1/4" W x 7 5/8" D 24.1cm H x 15.9cm W x 19.4cm D
Features	rustproof hardware, Military Spec Waterproofing, 5-way binding posts	rustproof hardware, Military Spec Waterproofing, 5-way binding posts	speaker level & line level inputs, front panel volume control, 5-way binding posts

\* Not for outdoor use.

† Atrium45p is also available in 230 VAC.

*We're fanatics when it comes to providing you useful, accurate information that can help you evaluate our products. But as we all know, we live in an imperfect world. At least some of us do. That's why performance specifications and product dimensions are subject to change without notice. For the most current specifications see our website, [www.polkaudio.com/home](http://www.polkaudio.com/home).*

*Polk Audio, Polk, PowerPort, Dynamic Balance, F/X, Atrium, Big Speaker Sound Without The Big Speaker, High Velocity Compression Drive, Acoustic Resonance Control, ARC Port, Casket Basket, I-Sonic, SurroundBar & SDA are registered trademarks of Britannia Investment Corporation used under license by Polk Audio, Incorporated.*

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Polk Audio is an award-winning designer and manufacturer of high performance audio products and the largest audio brand of Directed Electronics, Inc. Founded in 1972 by three Johns Hopkins University graduates, Polk Audio holds over 65 patents for advances in audio design and technology. Polk's products include loudspeakers and electronic components for home, auto and marine applications, the first satellite radio home component tuner, the world's first audiophile-grade active IP-addressable loudspeaker, the first THX® Ultra2 Certified in-ceiling loudspeaker and I-Sonic®—the first Entertainment System to include HD™ Radio, XM® Connect & Play capability and a DVD player. Polk products are available through authorized specialist consumer electronics retailers worldwide. For more information and the location of a Polk retailer or distributor in your area, visit [www.polkaudio.com](http://www.polkaudio.com) or call us at 1-800-377-7655 (USA and Canada). Outside of the USA and Canada call +1 (410) 358-3600.

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