



+ swiss engineering + swiss made +

# The Goal: Perfect Sound.

tant question for us is how one can eliminate negative influences on signal transmissions most efficiently and absolutely. It is not our aim to compensate loss or conceal disturbances with complex cable constructions. On the simplicity, but will convince you fully contrary, we do everything we can to

The Concept. The most imporprevent such flaws from arising. We try to find the source of adverse influences in order to be able to eliminate them as effectively as possible. Our concept of reduction leads to cable constructions which amaze at first sight due to their just after having heard the first notes.



passion. It is our enthusiasm for music that motivates us to find better possibilities of transmitting sound signals as flawlessly as possible without losing any sound information. The clearer the sound that reaches the ear, the more it moves us. Our goal is to create a sound

We must admit that cables are not our conductor so perfect that one cannot hear it even exists. It does not have to blur the sound or cover up any part of it. It does not have to add any colors. All it has to be is a true link between the listener and music in its purest



The Way We Work. Our knowledge in this manner it is possible to consider material science is of vital importance for the development of our sound conductors. We know about the atomic accepted beliefs, we often come across composition, the crystalline structure of the metals as well as the properties of the polymers and their interactions

all relevant aspects to achieve an optimum result. By challenging commonly fascinating effects. We explore such phenomena and try to implement the latest insights in our products. As a rewith the conductor material. Only in sult, we are expanding the science of

electrical engineering with the knowledge of effects based on submicroscopic processes of matter.

## **VOVOX**® textura fortis



#### **VOVOX®** textura fortis IC direct

Non-shielded interconnect cable

Two extra large solid core conductors, no shield: an interconnect cable for uncompromised listening pleasure. The well-known textura technology guarantees an extremely broad stereo image and the precisely graduated tonal depth; the cross section of the conductors enlarged by a factor of ten is responsible for the great dynamic range.

#### VOVOX® textura fortis IC balanced

Balanced interconnect cable

The balanced, helical construction offers optimal transmission reliability - and this without the compromise of a screen. Based on the well-known textura technology combined with an extremely wide cross section of the conductors, this cable offers everything for pure pleasure when listening to music: an extremely broad stereo image and the precisely graduated tonal depth, great dynamic range,

#### **VOVOX®** textura fortis LS

An impressive cable in all respects. With a cross section of 8.0 mm2, it is probably the most powerful solid-core cable available on the market. The specially shaped, rhodium plated cable terminations allow for connection without soldering or crimping: Highly pure oriented continuous cast copper from connection to connection - without any joint or interruption. The result is impressive.

#### **VOVOX®** textura fortis: Ultimate High End.

For more than ten years VOVOX has been developing and producing cables. And for all this time we have had the same goal: creating the perfect sound conductor that renders its existence inaudible. Today we are closer than ever to this ideal with our most recent creation.

· developed for powerful and transparent audio components with fast transient response

greatest dynamic range, perfect reproduction of transients

· best resolution without disturbing audio acuity

· holographically precise spatial depth

· connection technology on highest level

#### **Product range**

· Standard lengths: 0.75 m / 1.0 m / 1.5 m (2.5 / 3.3 / 5.0 ft) · with original Furutech RCA connectors

Customized lengths available upon request (maximum length 2.0 m)

· huge solid core conductors made of oriented continuous cast copper

· high purity polymers without plasticizers

· conductors with natural-fiber meshwork

· RCA connectors from Furutech with rhodium-plated contacts

· cryogenically treated

· conditioned

### Product range

· Standard lengths: 1.0 m / 1.5 m / 2.0 m / 3.0 m (3.3 / 5.0 / 6.6 / 9.9 ft)

with original Furutech XLR connectors

Customized lengths available upon request

· huge solid core conductors made of oriented continuous cast copper

· high purity polymers without plasticizers

· conductors with natural-fiber meshwork

XLR connectors from Furutech with rhodium-plated contacts

· cryogenically treated

· conditioned

#### **Product** range

Standard lengths: 1.5 m / 2.5 m / 3.5 m / 5.0 m (5.0 / 8.3 / 11.7 / 16.7 ft)

Special, rhodium-plated cable terminations

Upon request with banana plugs

· huge solid core conductors made of oriented continuous cast copper

high purity polymers without plasticizers

· conductors with natural-fiber meshwork

· rhodium-plated contacts

· continuous conductors made of one piece from spade to spade

ultimate high end

**Unlimited power.** The cables of the textura fortis range are tailor made for the most powerful components available on the market. But how is it possible to achieve both unlimited dynamic range and highest resolution? Although large gauge cables are able to offer powerful sound, too often sound quality remains rather undifferentiated. The combination of the proven and tested VOVOX® textura technology with a cross section of the conductors enlarged by a factor of

ten serves as the basis of this feat. The concept appeared to be quite simple, but its realisation turned out to be a challenge. Our meticulousness, persistence and experience helped us to overcome all difficulties. The result sets new

#### In cooperation with the best.

VOVOX® textura fortis was developed and then tested in close cooperation with soulution, an award-winning Swiss manufacturer of high-end premium components. Many auditions and comparisons with the most renowned benchmarks confirmed that we achieved our aim: the optimal connection of very fast, powerful components and the most coherent reproduction of music.

#### Cable connection without compro-

mise. The size of the conductors for the textura fortis speaker cables enables us to shape them like spades. As a result, the whole cable consists of two pieces of oriented continuous cast copper - without any joint or interruption. To guarantee permanently perfect contact, the terminations are plated with rhodium on the ready-made, assembled cable.



## **VOVOX**®textura

### VOVOX® textura: Gourmet High End.

 $\mathsf{VOVOX}^{\circledR}$  textura provides high-end at its finest. Exquisite ingredients in a perfect blend are the formula; perfect sound balance and the subtlest details are the result.

· perfect sound balance in every respect

· extremely broad stereo image with precisely graduated tonal depths

best resolution without disturbing audio acuity

· holografically precise spatial depth

extremely fast cable with flawless reproduction of transients



#### VOVOX® textura IC direct

gh end at its finest:The A.F. hi-fi gourmet. Uncompromis cal surroundings because it is short connections on line level.



Standard lengths: 0.75 m / 1.0 m / 1.5 m (2.5 / 3.3 / 5.0 ft) · With original BulletPlug® RCA-connectors · Customized lengths available upon request



#### VOVOX® textura LS single / bi-wiring

Speaker cable for single or bi-wiring

he cable high-end connoisseurs select to con-ect passive loudspeakers. Available for single- or

### **Product Range**

Standard lengths: 1.5 / 2.5 / 3.5 / 5.0 m (5 / 8.3 /

Gold plated, mass optimized 4.0 mm

ed lengths or spades available upon re-

Accessories: VOVOX® textura bridges (jumpers)



#### VOVOX® textura IC protect

elded interconn Our best cable for delicate A.F. signals and condions which present a risk of hum or buzz. Perfect

the case of long cables and critical applications, i.e. phono players.



Standard lengths: 0.75 m / 1.0 m / 1.5 m (2.5 / 3.3 / 5.0 ft)

With original BulletPlug® RCA-connectors · Customized lengths available upon request

Accessories: Grounding conductor with spades



#### VOVOX® textura power

Often it is precisely this cable that transforms a good audio chain into a peak unit. A truly rewaring way to perfect high-end systems.

#### **Product Range**

Standard lengths 1.0 and 1.8 m (3.3 / 6.0 ft) Available with US (NEMA 5-15) or Eur (SchuKo, CEE 7/7) power plugs

Customized lengths available upon request



#### VOVOX® textura IC balanced

Balanced interconnect cabl Gourmet High End: The flat construction, offering maximum conductor spacing, is optimal for short cable lengths. For cables longer than 1.5 m we rethe VOVOX® vocalis IC balanced

Standard lengths: 0.75 m / 1.0 m / 1.5 m (2.5 / 3.3 / 5.0 ft)

With mass optimized, gold plated XLR connectors from Amphenol

Customized lengths available upon request (no longer than 1.5 m)



## VOVOX® textura power distribution

This power strip is the basis of an uncompromising power supply based on VOVOX® textura. Without filters or metal parts which may cause disturbances, it offers undampened dynamics. The internal wiring is made of VOVOX® textura power conductors.

#### **Product Range**

Power strip with 6 sockets in three different versions: suitable for US plugs (NEMA 5-15), SchuKo plugs (CEE 7/7) or Swiss plugs (T12)



### VOVOX® textura IC phono

Our best cable to connect phono players. This sound conductor demonstrates that highest transparency and luxurious warmth are no contradiction.

Standard lengths 1.0 m and 1.5 m

( 3.3 and 5.0 ft)

With original BulletPlug® RCA-connectors

Alternatively with straight or an end of the straight of the straight or an end of the straight or an end of the straight of the straight or an end of the straight of the straigh connector (Clearaudio or SME) Customized lengths available upon request



Continuous Cast Copper. For the cables of the VOVOX® textura fortis and textura series we use conductors of ultra pure continuous cast copper. A patented process permits the continuous casting of 99.99998% pure copper. This procedure is most demanding and time-consuming. Thanks to the very, very slow production speed of only a few centimeters per minute, it is possible to control precisely the growth of copper crystals. The result: tailored conductors of highest quality.

Conditioning. All VOVOX® textura fortis and textura sound conductors are conditioned in a specific run-in process. This refinement guarantees optimal audio quality already after a short warm-up time of 10 - 20 minutes.

VOVOX® textura bridges. Thanks to the VOVOX® textura bridges (jumpers), singlewiring of speaker terminals can be wired strictly with textura conductors. A good alternative to achieve a controlled solution, even without bi-





# The way it sounds.



,...Critical listening tests will be made using VOVOX cables in future - that's crystal clear. The difference is simply too important." Fritz Fey, Studio Magazin



"I HATE testing cables! I've never heard a signi-

ficant difference in the cables I've tested before

so I stopped testing. Then someone whose opi-

nion I respect suggested that I try I cables from

VOVOX... My old cabling was already said to be

good quality. I will never have it or stranded wire

David Kutch, www.themasteringpalace.com

on my speakers again."



"...There is one detail I obviously underestimated in the past - the cable. Having the opinion that differences are marginal and negligible, I have to confess with surprise and verve that it is possible to improve the sound quality with VOVOX cables more than noticeable. More powerful, warmer, more detailed - I am a VOVOX fan!" Thomas Fellow, www.friendnfellow.com



"With a conventional cable, the same speakers appeared almost "grainy" and "harsh" in relation to transients and sound pattern. Presumably, people working in the professional domain cannot avoid having a cable test in their own studio, since after this listening experience we highly recommend this "self-test." That's why for future test reports, the





VOVOX cables will remain where they belong: connected to our studio equipment!" Jürgen Wirtz, www.96khz.de "The VOVOX cable is the best cord I've played, by a substantial margin; no other cord conveys the sound of my instrument with the fidelity of VOVOX. It gives both greater transparency and

greater warmth to my amplified sound."

Steve Swallow

"To my great surprise and delight these cables brought out more natural body and responsiveness from my guitar, making me realize that my normal cables have actually been taking integrity away from the sound that comes out of the guitar. VOVOX cables are exactly what they say they are- "sound conductors"- dependable messengers of the true sound from connection to connection."

and editors.

What finally counts is the sound - regardless of all the technical details. Ultimately, you will make up your own mind in a listening test. Nevertheless, it is good to know the pros' expert opinion. And there are plenty, worldwide: artists, sound engineers

Kurt Rosenwinkel, www.kurtrosenwinkel.com



that are noted are "clarity" and "wideness." I have the subjective impression of being able to

Stefan Gawlick, Fidelity-Magazin.de



VOVOX cables are reduced to the maximum, providing nothing more than simply the essential. The lightness and balance transmitted is a world away from the plethora of coloring cables commonly found on today's market. The manner in which music and listener are connected creates an utterly pleasurable and satisfying audio Pierre-Yves Maton, ON-TopAudio.fr



"The original signal remains intact, nothing is eliminated or added. The resolution and richness of information it delivers ranks it among the very best. The ease with which symphonic works are transmitted underpins the dynamic range beau-

Diapason d'Or Hi-Fi 2013



every metre of audio cable is VOVOX!" Guenter Pauler, www.stockfisch-records.de

"The quality of VOVOX audio cables is apparent

immediately. Tonal structures have a distinct-

ly higher resolution. The impulse behaviour is

clearly faster without any change to the linearity

of the frequency spectrum. The consequence of

our listening tests was unfortunately costly but

unavoidably decisive: Now in all three studios

"It has been an honour to have spent much of my life working with some of the finest acoustic musicians in the world. The VOVOX sonorus is the finest and most articulate cable I have ever heard. It allows all of the artist's intention to Rob Griffin



An audio concept must measure up to the human ear. That is why a sound difference that turn cables into objects of worship: but the can be measured but not heard, is irrelevant blind tests do show a real difference in sound. for us. Relevant sound solutions, however, are important for us, even if they contradict Jürg Vogt, CEO VOVOX AG



## **VOVOX**® vocalis

### VOVOX® vocalis: Advanded High End.

VOVOX® vocalis is our high-end line with probably the best price-performance ratio. We developed it in response to our clients' wishes to have a cable line between initio and textura.

- · very harmonic, warm sound
- · extremely broad stereo image with finely graduated tonal depths
- excellent resolution
- · extremely fast cable with flawless reproduction of transients
- · stylish, refined look



#### **VOVOX®** vocalis IC direct

Non-shielded interconnect cable

Advanced High End: VOVOX® vocalis IC direct offers musical enjoyment on top level. This non-shielded cable with two solid core conductors is reduced to the maximum. Optimally suited for audio frequency signals on line-level like the connection of a CD-player



Standard lengths: 0.75 m / 1.0 m / 1.5 m (2.5 / 3.3 / 5.0 ft) · With original BulletPlug® RCA-connectors · Customized lengths available upon request (maximum length 2.0 m)



### VOVOX® vocalis IC digital 110 Ω

Balanced digital cable AES/EBU

VOVOX® vocalis IC digital 110  $\Omega$  is tailor-made to transmit digital signals in accordance with the AES/EBU standard. The principles of VOVOX are still the same: solid core conductors, minimized boundary effects, optimal sound.

#### **Product Range**

Standard lengths 1.0 / 1.5 m ( 3.3 / 5.0 ft)

- · With mass optimized, gold plated XLR
- connectors from Amphenol
- · Customized lengths available upon request (minimum length 1.0 m)



#### **VOVOX®** vocalis IC protect

Shielded interconnect cable

Due to the shielding and the helical cable construction this sound conductor transmits delicate signals interference-free even under adverse conditions. Especially suited for longer interconnect cables (1.5 m and longer) or the connection of phono players.



· Standard lengths: 0.75 m / 1.0 m / 1.5 m (2.5 / 3.3 / 5.0 ft) · With original BulletPlug® RCA-connectors · Customized lengths available upon request

Accessories: Grounding conductor with spades



#### **VOVOX®** vocalis LS single wiring

Speaker cable single wiring

With no other cable type the advantages of our concept are more explicitly shown than with speaker cables. Compared to other products we reduced the size of the boundary surface and the related negative effects in an extreme way. A difference you will clearly hear.

#### **Product Range**

· Standard lengths: 1.5 / 2.5 / 3.5 / 5.0 / 7.0 m (5./8.3/11.7/16.7/23.3 ft)

With gold plated 4.0 mm banana plugs · Customized lengths or spades available upon re-

· Available in white, grey or black



#### VOVOX® vocalis IC balanced

Balanced interconnect cable

The balanced, helical construction offers optimal transmission reliability - and this without the compromise of a screen. With this sound conductor, even in case of long cables, optimal sound is possible with almost no losses in quality.

#### **Product Range**

Standard lengths: 1.0 m / 1.5 m / 2.0 m / 3.0 m / 4.0 m (2.5 / 3.3 / 5.0 / 6.6 / 10 / 13.3 ft) With mass optimized, gold plated XLR

connectors from Amphenol Customized lengths available upon request (no longer than 1.5 m)



#### **VOVOX®** vocalis LS bi-wiring

Speaker cable bi-wiring

Maybe you never heard your speakers playing like this before. VOVOX® vocalis LS bi-wiring is based on two vocalis LS single wiring sound conductors combined in a special way. This enables even more dynamic, more details and a deeper

#### **Product Range**

Standard lengths: 1.5 / 2.5 / 3.5 / 5.0 / 7.0 m (5.0 / 8.3 / 11.7 / 16.7 / 23.3 ft)

With gold plated 4.0 mm banana plugs

· Customized lengths or spades available upon re-

Available in white, grey or black



### VOVOX® vocalis IC digital 75 Ω

Unbalanced digital cable S/P-DIF

VOVOX® vocalis IC digital 75  $\Omega$  is our top cable to transmit digital audio signals according the S/P-DIF standard.

#### **Product Range** Standard lengths 1.0 / 1.5 m ( 3.3 / 5.0 ft)

· With original BulletPlug® RCA-connectors · Customized lengths available upon request (minimum length 1.0 m)

# advanced high end

#### Cable coating with natural fibers.

The contact surface between the conductor and the dielectric medium must accommodate complex interactions. Thanks to the tried-and-tested solid-core concept, these effects can be efficiently reduced. VOVOX® textura fortis, textura and vocalis are further improved by a fine meshwork of natural fibers that form a protective wrapping around the conductor. Triboelectrical pheno-

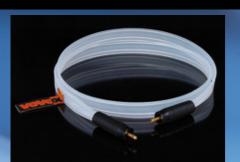
audible: tranquillity instead of disturbance, an incredibly tidy stage, perfect transparency.

Running-in of VOVOX® vocalis. At the first-time operation VOVOX® vocalis sound conductors require a bit of time to fully unfold their potential. Connect your cables with your audio system and use them as always. After about 20 hours of playing music, the sound conductors will have reached their mena are no longer possible. The difference is optimal condition and are "runned-in" permanently.

Color variations. As a result of the cooperation with renowned product and interior designers we offer the speaker cables of the VO-VOX® vocalis in three different color variations: white, grey and black. Like this the sound conductors can be integrated even better into your personal interior design. A treat not only for the ear, also for the eye.



## **VOVOX®** initio



#### VOVOX® initio IC direct

for example the connection of a CD-player wit an amplifier.

#### **Product Range**

Interconnect cable available in lengths of 0.75 m / 1.0 m / 1.5 m (2.5 / 3.3 / 5.0 ft)

With original BulletPlug® RCA-connectors

Customized lengths available upon request (maximum length 2.0 m)



#### **VOVOX®** initio IC protect

n case of critical applications where an increased risk player or long interconnections, the shielded VOVOX $^{
m (6)}$ itio IC protect is an excellent choice.

#### **Product Range**



#### VOVOX® initio IC phono

A lot of labor and endurance go into the manufacturng of our VOVOX® initio IC phono, and it certainly is worth the effort. This is the ideal interconnect for

#### **Product Range**

Standard lengths: 1.0 m and 1.5 m ( 3.3 and 5.0 ft)

With original BulletPlug® RCA-connectors

· Alternatively with straight or angled

5 pin connector (Clearaudio or SME)



#### VOVOX $^{f B}$ initio IC digital 75 $\Omega$

As with our analog sound conductors, we use the digital signal cables.The optimized cable geometr uarantees the correct impedance of 75  $\Omega$ . Ideal conditions for reliable data transmission with the lowest error rate and perfect sound quality.

With original BulletPlug® RCA-connectors Customized lengths available upon request

(minimum length 1.0 m)

#### **VOVOX®** initio: The Basis.

VOVOX® initio is our standard line. It provides excellent sound at an affordable price. It is closely linked to the history of VOVOX: ever since the foundation of the company, the manufacturing of these cables has remained unaltered. These cables could be the start of your own high-end dreams!

very transparent, with finely balanced sound

· very good resolution with broad stereo image

very fast cable with flawless reproduction of transients

· simple, discreet look



#### **VOVOX**<sup>®</sup> initio IC digital I I 0 $\Omega$

Balanced digital cable AES/EBU

Balanced digital cables according the AES/EBU standard are well known in the professional audio business. VOVOX $^{\otimes}$  initio IC digital 110  $\Omega$  is the optimal cable offering all advantages in extraordinary and reliable digital-audio-information transmission.

#### **Product Range**

Standard lengths: 1.0 / 1.5 m

· Mass optimized, gold plated XLR connectors from Amphenol

Customized lengths available upon request (minimum length 1.0 m)



## VOVOX® initio LS single / bi-wiring

he relatively small square section of VOVOX® iniio LS speaker cable will astonish many. However, he sound quality this cable offers will astonish even ore.This is no surprise for us:With this cable we've nimized not only ohmic resistance, but also disturbing surface boundary effects.

#### **Product Range**

Standard lengths: 1.5 / 2.5 / 3.5 / 5.0 / 7.0 m (5.0/8.3 / 11.7 / 16.7 / 23.3 ft)

· With gold plated 4.0 mm banana plugs

Customized lengths or spades available upon re-

available in an especially wide form with four conductors for bi-wiring



#### **VOVOX®** initio power

Power cord

The VOVOX® initio power cord is intended for feeding audio components with 230V / 110V AC current. It is based on the same design princip s and the same selection of high quality materials a conductors. Having neither shielding fulfills all requirements for uncompron range and maximum aural pleasure.

#### **Product Range**

Standard lengths 1.0 and 1.8 m (3.3 / 6.0 ft) Available with US (NEMA 5-15) or European

(SchuKo, CEE 7/7) power plugs

Customized lengths available upon request

## the basis

### Minimized Boundary Surfaces. Cables have many surfaces, or more precisely expressed, boundary surfaces, like the grain boundaries in copper, or the boundary between the conductor surface and the insulation. Each boundary is a source of imperfection. VOVOX® sound conductors are made of single solid core conductors. Using this construction, the total boundary surface is reduced by up to 90% compared to total surface of the conductor. Therefore thestranded wires.

Optimal Square Section. According to the principals of electrical engineering, the square section of a speaker cable should be as large as possible. That's why many of the wellknown cable designs have huge diameters. From the point of view of materials science, we see things slightly different. Conductivity is not only influenced by the square section but also by the re must be an optimal diameter which follows

the electrotechnical requirements while keeping total surface small enough. For the VOVOX® speaker cables we chose exactly this optimal diameter. Surprisingly small, amazing good!

Conductor Spacing. Current induces electromagnetic fields encircling every conductor. If the distance between two conductors is too small, interactions and interferences are created. The result is an audible loss of sound quality. As a consequence, the conductors are arranged at well-defined, relatively large distances.



## Custom-made.

### We understand your wishes.

Perfection is possible only due to flexibility. Since VOVOX® sound conductors are assembled by hand in Switzerland, we are able to comply with your individual needs. Ask your dealer for solutions from VOVOX in case no standard cable can meet your needs.

# **VOVOX®** Range of Products



#### Individual length

Upon request we assemble cables made to measure

- · IC direct: minimum length 50 cm, from 1.5 m upwards increasingly critical for hum
- IC protect: minimum length 50 cm, maximum limited by increasing sound loss
- IC balanced: minimum length 50 cm, maximum unlimited (except for textura, 1.5 m)
- IC digital: minimum length 50 cm, maximum 10.0 m
- LS: minimum length I.0 m, maximum limited by increasing sound loss
- power: minimum length I 1.0 m, maximum I0.0 m



#### Specific connectors and pin-out schemes

Some components demand specific connectors or unusual pin connections. A few examples:

- Speaker cables with spades, 2.0 mm banana plugs or open ends
- Interconnect cables with DIN-connectors
- Digital cables with BNC-connectors
- Speaker cables for tri-wiring
- Cables adapted to Naim components



#### Adapter cables, special cables

Frequently, sender and receiver require different connector standards. We can offer you customized

- Speaker cables with spades, banana plugs and open ends in mixed configuration
- AS-cables from RCA to XLR
- Digital cables S/P-DIF to AES/EBU
- Digital cables from BNC to RCA or XLR



In order to harmonize speaker cables with our interior design, we offer vocalis LS cables in three different colors:

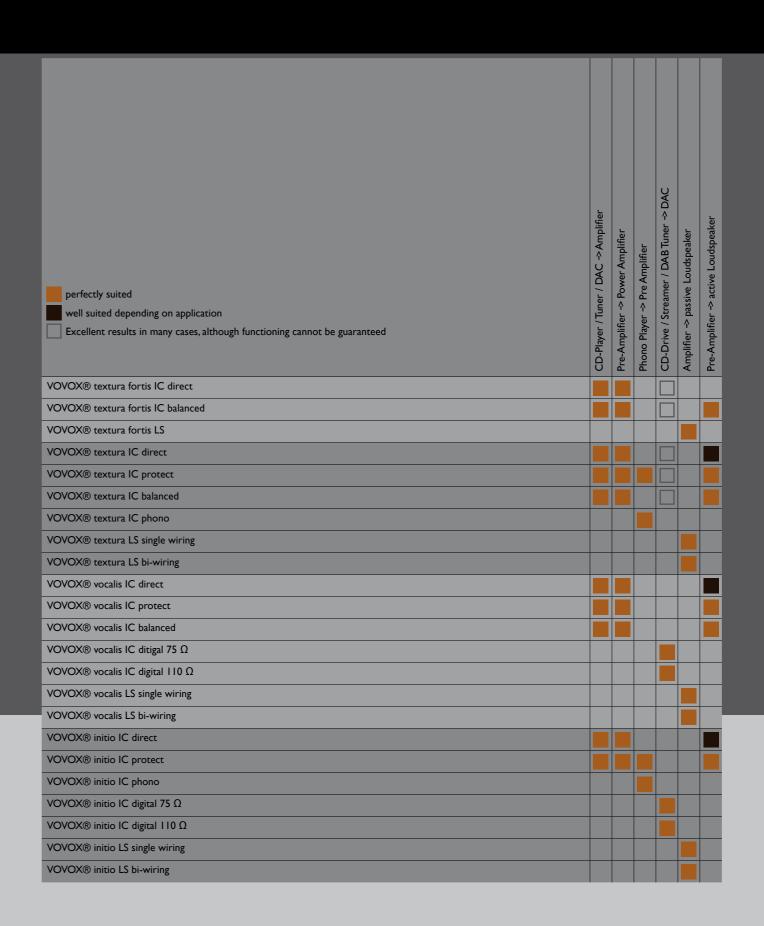
- white: e.g. for mounting on plastered walls
- grey: very discreet on parquet floor
- black: universally applicable, standard color

Compatibility of VOVOX® sound conductors You may have noticed that the use of different types of cables within your equipment can lead to unsatisfying results. The compatibility of all VOVOX® cables is brilliant thanks to their identical conceptual basis. It is, therefore, possible to mix cables of the three ranges at any time, e.g. to improve your audio chain wired with VOVOX® initio by a selective use of VOVOX® sive) speaker should not differ more than 20%. vocalis or textura.

### pending on the application, the length of a cable can significantly influence sound quality: the longer the cable, the greater the compromise regarding the quality of sound. We therefore suggest choosing speaker cables specifically and audiofrequence interconnect cables as short as possible. The cable length for the left and right (pas-

Otherwise it may be impossible to reproduce

What is the optimal cable length? De- a precise, realistic stereo image. In a surroundsetup, it is not a problem if the cables to the rear speakers are longer than those connecting the front speakers. Just make sure that the cables to the left and right speakers are the same length.



VOVOX AG Neuhaltenring I CH-6030 Ebikon / Schweiz Tel. +41 41 420 89 89 E-Mail: info@vovox.com