

vovox®



picture by www.p-f-g.ch

SOUND CONDUCTORS · KLANGLEITER

+ swiss engineering + swiss quality +

The Goal: Perfect Sound. We must admit: We are not passionate about cables. It's our enthusiasm for music that motivates us to search for better possibilities of transmitting sound signals as flawlessly as possible without losing any sound information. Our goal is the creation of the perfect sound conductor: One cannot hear its existence. It must not blur the sound or cover up any part

of it. It must not add any color. All it has to be is a true link between the listener and music in its purest form! We don't produce Jazz or Rock cables, altering sound according to specific musical styles. Musicians and sound engineers should be creative. Cables, however, have only one task: To transmit sound signals without any loss.

The Benchmark: The Ear. In our natural scientific approach, the ear is the most important benchmark. Our first priority is offering maximum transfer of sound information. Since this criterion is directly based upon the biological function of the ear, different people will perceive it in the same way. During the process, a maximum of beauty is also achieved: The more sound information available, the more natural

the music will be, increasing the sound's ability to touch our emotions!

The Way We Work And Learn. Our knowledge in the field of material science is of major importance to the development and production of our sound conductors. The atomic composition, the crystalline structure of the metals as well as the polymers' properties and

their interaction with the conductor's material must be known in order to achieve optimal results. Challenging commonly accepted beliefs, we often come across fascinating, little known effects. We explore such phenomena and try to implement the latest findings in our products, thus enlarging the science of electrical engineering with knowledge of effects based on submicroscopic matter processes.



"I HATE listening to cable! I've never heard a significant difference in cables I've tested before so I stopped testing. Then someone whose opinion I respect suggested that I try cables from VOVOX. For the first time I heard a significant difference. It was not so much what I heard but I didn't hear. Mid and upper range distortions were gone! I did not know these distortions were there until I heard them 'NOT' there anymore. The difference is so easily heard on both aggressive dirty Hip Hop tracks and elegant jazz tracks. There is significantly less ear fatigue and a slightly more defined bass. My old cabling was already said to be good quality. I will never have it or stranded wire on my speakers again."

David Kutch (Alicia Keys, P. Diddy, John Legend, Joe Perry...) www.themasteringpalace.com

picture by beowulf sheehan



"Although I work obsessively on the optimization of my live and studio sound together with our engineers and producers for years, 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 (Friend 'n Fellow, Hands on Strings)



Jan Terstegen, www.ich-und-ich.de



Steve Swallow



Swiss National Radio DRS, Zurich



M2 Mastering, Cairo

"VOVOX sonorus redefines the understanding of excellence. The science behind this product ensures a greater appreciation of the entire audio spectrum and improves the performance of whatever studio you work in. This is simply a must-have product for music in the 21st century."

Paul Groucho Smykle, Island Records (Bob Marley, Grace Jones, Sly & Robbie...)

"I have tried many so called «high fidelity» instrument cables and have always found that they make my guitar

sound worse: too bright and brittle. So when I tried out VOVOX cables I was sceptical. 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."

Kurt Rosenwinkel
www.kurtrosenwinkel.com

"The sonorus is a clear improvement on all of VOVOX's past efforts, which is to say it is the best cord I've played, by a substantial margin; no other cord conveys the sound of my instrument with the fidelity of Sonorus. It gives both greater transparency and greater warmth to my amplified sound."

Steve Swallow



Kurt Rosenwinkel

VOVOX®link

The cables of the VOVOX®link series are the basis of our product line for musicians and recording studios. Very successful already for several years, they establish the excellent reputation of VOVOX. The specific design of the cables and the use of selected, very pure raw materials provide an optimal transmission of audio signals.

- Silver-plated conductors of oxygen-free copper
- Silver-plated solid-core conductors to reduce boundary surface
- Identical high quality for signal and ground conductors
- Additional separate ground conductor also in the case of shielded cables
- Insulation made of pigment and plasticizer-free high purity polymers



VOVOX®link protect A

Musical Instrument Cables

Whether live on stage or in the recording studio, our cables based on the VOVOX®link protect A are the perfect choice for all electrically amplified musical instruments such as electrical guitar, bass, E-piano or keyboards. But also acoustic instruments with pickup systems benefit to a great extent from the VOVOX technology.

Product Range

- Available in the following lengths: 3.5 m / 6.0 m / 9.0 m (12 / 20 / 30 ft)
- Alternatively with straight or 90° right angle 1/4" VOVOX®phone plugs
- Customized lengths and special connector configurations available upon request



VOVOX®link direct S

Balanced, Non-Shielded Cables

Shielding prevents interference such as humming or buzzing sounds, but at the same time causes a small loss in sound quality due to the significantly increased boundary surface. As in case of balanced interconnections the risk for interference is basically very small, we offer with the VOVOX®link direct S an uncompromising, non-shielded cable. It offers an optimal cost/performance ratio for all applications in recording studios. Our top-selling cable. Since the sound conductor is not shielded, a small risk of interference must be taken into consideration.

Product Range

- Available in various lengths ranging from 1.0 m to 10.0 m (3.3 to 33 ft)
- Available with all combinations of Neutrik XLR and TRS VOVOX®phone plugs
- Available as matched pair in the following lengths: 5.0 / 7.5 / 10.0 m (16 / 25 / 33 ft)
- Customized lengths and special connector configurations available upon request



VOVOX®link protect A

Patch Cables

Even in case you are using 'only' one instrument cable from VOVOX, you can expect an audible improvement in sound quality. The result can be further enhanced if all cables are switched to VOVOX sound conductors. VOVOX®link protect A patch cables give you the chance to optimize your setup in steps.

Product Range

- Available in the following lengths: 0.3 m and 1.0 m (1.0 / 3.3 ft)
- Alternatively with straight or 90° right angle 1/4" VOVOX®phone plugs
- Customized lengths and special connector configurations available upon request



VOVOX®link protect S

Balanced, Shielded Cables

There are applications such as live concerts or live recordings in which shielded cables are mandatory as absolutely no risk of interference can be accepted. For those cases, we offer the balanced, shielded VOVOX®link protect S. It guarantees for optimal sound quality even under adverse conditions.

Product Range

- Available in various lengths ranging from 1.0 m to 10.0 m (3.3 to 33 ft)
- Available with all combinations of Neutrik XLR and TRS VOVOX®phone plugs
- Available as matched pair in the following lengths: 5.0 / 7.5 / 10.0 m (16 / 25 / 33 ft)
- Customized lengths and special connector configurations available upon request



VOVOX®link protect A

Interconnect Cables

VOVOX®link protect A is perfectly suited to be an interconnect cable for the transmission of line-level unbalanced signals. As a stereo pair, assembled with robust, gold-plated RCA Neutrik plugs, this is the optimal choice for line signal in all cases in which both perfect sound quality and ease of handling are important.

Product Range

- Available as a stereo pair in the following lengths: 1.0 / 2.0 / 3.5 / 6.0 m (3.3 / 6.6 / 12 / 20 ft)
- With gold-plated RCA plugs (Neutrik)
- Customized lengths and special connector configurations available upon request



VOVOX®link protect AD / direct SD

Cables For Digital Signals

The same goal is set for our digital signal cables VOVOX®link protect AD (unbalanced, 75 Ω) and VOVOX®link direct SD (balanced, 110 Ω) as for our other products: The perfect transmission of sound signals. The basis is the same selection of high quality materials we use for our analog sound conductors. The optimized cable geometry guarantees the correct impedance, and consequently a precise signal transmission as well. The result: Reliable data transmission with the lowest error rate and the best possible sound quality in all cases.

Product Range

- Available in various lengths ranging from 1.0 m to 10.0 m (3.3 and 33 ft)
- With gold-plated Neutrik XLR connectors (AES/EBU), gold plated RCA connectors (S/P-DIF) or BNC-connectors (MADI, Wordclock) from Neutrik
- Customized lengths and special connector configurations available upon request



VOVOX®drive

Speaker Cables

Our VOVOX®drive speaker cables are specifically built to connect guitar or bass amplifier heads with speaker cabinets. Based on the VOVOX typical solid-core technology, they provide powerful, clear and lively sound.

Product Range

- Available in the following lengths: 1.0 m and 2.0 m (3.3 and 6.6 ft)
- With 1/4" VOVOX®phone plugs or Neutrik Speakon connectors
- Customized lengths and special connector configurations available upon request



VOVOX®mucolink direct SD

Multipair Cables

Every studio is unique. Whenever a big number of audio channels have to be transmitted, extraordinary flexibility is required. Our multipair cable VOVOX mucolink®direct SD is a versatile cable, offering excellent results in case of both analog and digital audio signals. It transmits either 8 balanced analog channels or, depending on the transfer rate, 8 – 16 digital channels according to AES/EBU.

Product Range

- Available with various connector combinations (DB-24, XLR, TRS phone plug) in various lengths ranging from 1.0 m to 3.0 m (3.3 to 9.9 ft)
- DB-24 Tascam pin assignment as standard, other pin assignments as customized versions
- Customized lengths and special connector configurations available upon request
- Optionally available as shielded 'protect'-version

VOVOX®phone plug: The optimal plug for optimal cables. Our established goal is the perfect transmission of sound signals. To achieve this aim, the cable, but also the connector, must fulfil our requirements. As most phone plugs available on the market are designed with only their mechanical properties in mind, we have developed our own VOVOX®phone plugs: 1/4" phone plugs offering both first class functionality and first class sound.



Optimized signal contact made of copper

- reduced signal loss due to better conductive properties
- powerful, immediate sound

Robust housing made of fiber-reinforced plastic

- no disturbing metal parts in the signal back-path
- optimal transients

Optimal bend-protection

- less bending stress on cable

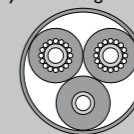
Efficient strain relief

- maximized service life of soldered contacts

Are gold-plated contacts always the better choice? The outstanding properties of gold are undisputed. As it does not corrode, it durably protects contacts from oxidation. In the case of connectors that are rarely removed, this property is an important criterion. But the situation is different in regards to instrument cables. Here, cables are inserted and removed very often. As a consequence, corrosion byproducts are me-

chanically removed. Furthermore, the benefit of gold plated contacts is very limited unless both plug and jack are plated. However, in reality, one scarcely encounters gold plated jacks. Practical tests have proven that – if sound quality is the main criteria – gold doesn't necessarily offer the best results. As a consequence of several blindfolded tests, our choice is nickel-plated contacts. In case we have to decide between a beautiful look and beautiful sound, our choice is clear. No gold plated contacts.

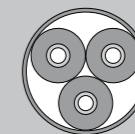
VOVOX®link protect S with identical conductors for signal+, signal- and ground, individually shielded signal conductors



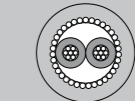
conventional balanced cable



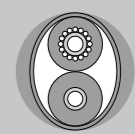
VOVOX®link direct S with identical conductors for signal+, signal- and ground



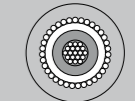
conventional balanced cable



VOVOX®link protect A with identical conductors for signal and ground



conventional unbalanced cable



With respect to sound quality, we don't want to make any compromises. This is our credo. Well-directed research combined with the experience of many years brought us to VOVOX®sonorus. This cutting-edge conductor technology offers further enhancement of the quality achieved in transmitting audio signals. VOVOX®sonorus: The new reference.

- Conductors made of the purest available copper
- Netting of natural fibres around every single conductor wire
- Solid-core conductors to reduce boundary surface
- Identically high quality for signal and ground conductors
- Separated additional ground conductor also in case of shielded cables
- Insulation made of pigment and plasticizer-free high purity polymers



VOVOX®sonorus protect A

Musical Instruments And Patch Cables

The well-known VOVOX®link protect A is the instrument cable reference for countless professional musicians. But the cable is now facing some tough home-grown competition: VOVOX®sonorus protect A. As a result of both ingenious construction and the purity of its raw materials it offers unmatched sound quality. This is the perfect cable for all electrically amplified musical instruments such as electrical guitar, bass, E-piano or keyboards. Also great for acoustic instruments with pickup systems or as a patch cable.

Product Range

- Available as instrument cables in the following lengths: 3.5 m / 6.0 m / 9.0 m (12 / 20 / 30 ft)
- Available as patch cable in 0.3 m and 1.0 m length (1.0 / 3.3 ft)
- Alternatively with straight or 90° right angle 1/4" VOVOX®phone plugs
- Customized lengths and special connector configurations available upon request



VOVOX®sonorus drive

Speaker Cables

VOVOX®sonorus drive is our top-of-the-line speaker cable to connect guitar or bass amplifier heads with speaker cabinets. Thanks to the special cable design and the wide conductor spacing it transmits amplified signals with a maximum of punch and definition.

Product Range

- Available in the following lengths: 1.0 m and 2.0 m (3.3 and 6.6 ft)
- With 1/4" Jumbo phone plugs or Speakon connectors
- Customized lengths and special connector configurations available upon request



VOVOX®sonorus direct S

Balanced, Non-Shielded Cables

VOVOX®sonorus direct S is the result of long experience and countless tests. An unmatched resolution is achieved thanks to the elaborate design of this sound conductor. The excellence in transmitting subtle details regarding spatial imaging, offset in depth and harmonics is incredibly impressive.

Product Range

- Available in various lengths ranging from 1.0 m to 10.0 m (3.3 to 33 ft)
- Available with all combinations of Neutrik XLR and TRS VOVOX®phone plugs
- Available as matched pair in the following lengths: 5.0 / 7.5 / 10.0 m (16 / 25 / 33 ft)
- Customized lengths and special connector configurations available upon request

VOVOX®link direct S is an uncompromising, non-shielded cable. A small risk of interference must be taken into consideration.



VOVOX®sonorus muco

Multipair Cables

VOVOX®sonorus muco combines eight balanced, non-shielded channels to a multipair cable in the most uncompromising way. If the result wasn't that convincing, we wouldn't produce this special cable: The assembling is truly intricate and demands a lot of experience. This is an example of excellent Swiss craftsmanship for perfect sound quality in recording and mastering studios.

Product Range

- Available with various connector combinations (DB-24, XLR, TRS phone plug) in various lengths ranging from 1.0 m to 3.0 m (3.3 to 9.9 ft)
- DB-24 Tascam pin assignment as standard, other pin assignments as customized versions
- Customized lengths and special connector configurations available upon request
- Optionally available as shielded 'protect'-version

Shielded or non-shielded cables? Many VOVOX® sound conductors are available in a non-shielded ,direct' version and in a shielded ,protect' version. The shielding prevents interference such as humming or buzzing sounds, but at the same time causes a small loss in sound quality. There are applications in which shielded cables are mandatory. On the other hand, especially with balanced cables - even without shielding - undesired audible interference is rare. For this reason, ,direct' sound conduc-

tors can offer even better results in these cases. Generally speaking, we suggest using ,protect' cables for all applications in which interference would otherwise cause problems. In all other cases, the non-shielded ,direct' versions should be favored. Please use ,protect' sound conductors for the following applications:

- when interference will necessarily lead to an

uncontrollable situation, e.g. for live concerts or live recordings

- for amplified music instruments with pickups

What is the optimal length of a cable? Though we do like to sell long cables, shorter ones offer better sound quality! Many properties of cables are directly linked to their length. As a result, shorter cables cause less sound alteration. In the case of instrument or

SONORUS

VOVOX®initio



VOVOX®initio power

High end, hi-fi enthusiasts take it as gospel, but sound and electrical engineers take it as snake-oil: that power cords have an influence on the sound quality of audio components. Even for us, it took

some time to convince us of the importance of power cords. However, what we listened, we discovered much more than we had counted on!

Power Cords

VOVOX®initio power is a power cable for connecting audio components to 110 V / 230 V mains voltage. It is based on the same principals using the same premium quality materials as all VOVOX sound conductors. It is non-shielded and doesn't contain any line filters. The audible difference depends on the application and ranges from very subtle to stunning. This is a cable you simply must try. VOVOX®initio power is intended for use in fixed installations in recording and home studios.

Product Range

- Available in 1.0 and 1.8 m (3.3 / 6.0 ft) length
- Available with US (NEMA 5-15), European (Schuko, CEE 7/7) or Swiss (Type 12) power plugs
- Customized lengths available upon request



	shielded	non-shielded	shielded version optionally available	Guitar Cable	Bass Cable	Instrument Cable for Acoustic Instruments	Patch Cable for Pedal Boards	Speaker Cable for Guitar and Bass Amplifiers	Linecable, unbalanced	Linecable, balanced	Microphone Cable, balanced	Digital Cable 75 Ω, S/P-DIF	Digital Cable 110 Ω, AES/EBU	Digital Cable MADI	Wordclock Cable	Multipair Cable analog, balanced, 8 channels	Multipair cable digital, AES/EBU, 8 to 16 channels	Power Cord 110 V / 230 V	analog	digital	Stage	Live Recording	Studio
VOVOX®link protect A	■	□	□	X	X	X	X	X											X		X	X	X
VOVOX®drive	□	■	□					X											X		X		
VOVOX®link direct S	□	■	□							X	X								X		O	O	X
VOVOX®link protect S	■	□	□							X	X								X		O	X	X
VOVOX®link protect AD	■	□	□									X		X	X					X	O	X	X
VOVOX®link direct SD	□	■	□							X	X	X							X	X	O	X	X
VOVOX®mucolink direct SD	□	■	■													X	X		X	X	O	X	X
VOVOX®sonorus protect A	■	□	□	X	X	X	X												X		X	X	X
VOVOX®sonorus drive	□	■	□					X											X		X		
VOVOX®sonorus direct S	□	■	□							X	X								X		O	O	X
VOVOX®sonorus muco	□	■	■													X			X				X
VOVOX®initio power	□	■	□															X					X

- X perfectly suited
- O well suited depending on application

Sound Conductor

speaker cables, the effect is especially noticeable. For this reason, microphone cables for stereo recordings or loudspeaker cables should be of the same lengths on the left and right channels.

Straight or angled 1/4" phone plugs? Especially in the case of instrument cables, we suggest carefully choosing the kind of connector that suits you best: Using a 90° right angle plug will often reduce the mechanical stress on the instrument as well

as on the cable. Like this it contributes to longer service life of both, cable and jack.

Plugs with muting function? Many musicians are looking for plugs with automated muting function. These help avoid annoying pops and squeals when hot swapping instruments. We take muting very seriously. For this reason, we are convinced that plugs with muting function are satisfactory only in case they are durable, and the muting function works in 100% of the

cases. In our experience, no plug on the market can actually fulfil this requirement. As we don't like doing things halfway, we shall not offer plugs with muting function before we are fully convinced of their quality.

SOUND CONDUCTORS · KLANGLEITER

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Stockfisch Records · VOVOX®purum

"We are accustomed to researching subtle changes in sound differences and implementing the results to constantly improve our equipment. The quality of VOVOX audio cables is immediately apparent and not just experienced in bordering areas of sound perception. Tonal structures have a distinctly 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 (Recording-Mastering-Disc Cutting) every metre of audio cable is VOVOX!"

Günter Pauler
Stockfisch-Records

VOVOX®purum

VOVOX®purum is a quality label. It is awarded to recording studios in which VOVOX® sound conductors are extensively used. It guarantees that the highest standards of sound signal transmission are attained. Furthermore, this label signifies the exceptional passion, diligence and determination characterizing the work done.

Are you looking to VOVOX for special solutions for your studio or instrument? Our VOVOX®purum Custom Tailors are ready to serve you. They will help realize even the most unique customer requests.