



VT500X EXTREME

1m under water
for 24 hours



Swiss precision for excellent audio quality

VOICE TECHNOLOGIES

Swiss Precision for excellent Audio quality since 1998

In the 1990ies a team of technicians made different experiments with divers microphones. Due to the fact that Swiss watches have been very successful they had the vision to use the Swiss precision also in the development and production of miniature microphones.

Common miniature microphones consisted of two plastic parts glued together. The objective therefore was to produce a miniature microphone made all of a piece to offer a small and very robust product.



This was the cornerstone for the first Voice Technologies miniature lavalier microphones VT500 and VT506 which have become a worldwide standard in the Pro Audio market.

Gerfried Bauer one of the founders and a pioneer in the Pro Audio industry has a longtime experience as engineer based on a close cooperation with internationally well-known european microphone and headphone companies.

Voice Technologies has committed itself to the classic Swiss values: inventive ideas, precision, top-quality materials and modern fabrication techniques. Our products are built to a standard of offering the best solutions for a wide range of applications.

Such functional and equally precise microphones are not only made through years of experience and



know how. The highest standards of manufacturing and materials as well as strict quality controls are principle in our production.

The direct connection to our customers and end users is of central importance; New products or even new developments arise very often in close cooperation with our customers.



The microphone, headset and earphone products we manufacture are widely used all over the world. Not only professional users in broadcasting, theater, Film and Video production – but also police departments and security services. Our lavaliers are commonplace on major productions in the U.S. and other markets including motion picture, popular reality TV, major award shows and primetime talk shows.

Unique qualities are the trademark of every Voice Technologies solution. The VT500WATER is truly unique with its IPX7 certification - the second highest rank in accordance with the International Standard IEC 60529 for water resistance. The VT500WATER has proven its robustness inter alia on catamarans of the famous 'America's Cup World Series AC45 Wingsailed'.

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VT500 Omni Lavalier Microphone



Natural voice reproduction. Universal use.

High-quality and all-purpose electret condenser microphone (omni) for performing talent in broadcast, theatre and film. Due to the special molding injection the microphone is rugged and shockproof.

The cable is flexible and has excellent isolation from rubbing noise. Speech clarity is enhanced by a slight frequency emphasis giving excellent voice reproduction while eliminating placement constraints.

- Generating Element: Electret Condenser
- Polar pattern: Omni-Directional
- Frequency Range: 40Hz - 20kHz
- Sensitivity: -59dB ±3dB re 1V/microbar (1.1mV/Pa)
- Noise Level: 26dB "A" weighted
- Max. Input SPL: 118dB
- Impedance: 3 kΩ
- Bias/+VDC: 1.3V (0.9-20V)
- Current drain: 25 µA
- Mic dimensions: 13x7x3,5mm (0.51x0.28x0.14")
- Cable: Length 1.5m (59") Ø 1.5mm
- Weight: 7 g (0.25 oz)
- Colors: black, beige, white

- Area of application:
- Theatre
 - Film
 - Broadcast

VT506 Omni Lavalier Microphone



A classic. Brilliant sound.

High-quality and electret condenser microphone (omni). It is designed for performing talent in broadcast, theatre and film. It has a rising frequency response to assure speech intelligibility and for under-clothing use.

The molding injection adds a high solidity to the VT506. The cable is flexible and has excellent isolation from rubbing noise.

- Generating Element: Electret Condenser
- Polar pattern: Omni-Directional
- Frequency Range: 40Hz - 20kHz
- Sensitivity: -60dB ±3dB re 1V/microbar (1mV/Pa)
- Noise Level: 26dB "A" weighted
- Max. Input SPL: 118dB
- Impedance: 3 kΩ
- Bias/+VDC: 1.3V (0.9-20V)
- Current drain: 25 µA
- Mic dimensions: 13x7x3,5mm (0.51x0.28x0.14")
- Cable: Length 1.5m (59") Ø 1.5mm
- Weight: 7 g (0.25 oz)
- Colors: black, beige, white

- Area of application:
- Theatre
 - Film
 - Broadcast

VT506 Mobile Lavalier Microphone for Smartphones



Only the perfect sound makes the video complete.

The popular VT506 lavalier microphone is now also available as VT506MOBILE, adapted to the current generation of smartphones. Whether it's for social media videos like YouTube or Vi-

meo, reports, Talking-Head interviews, private recordings or as a backup for sound engineers. It is produced with a special molding injection technique and the length of the cable is 2.5m so that it is ideal also for interviews.

- Generating Element: Electret Condenser
- Polar pattern: Omni-Directional
- Frequency Range: 40Hz - 20kHz
- Sensitivity: -60dB ±3dB re 1V/microbar (1mV/Pa)
- Noise Level: 26dB "A" weighted
- Max. Input SPL: 118dB
- Impedance: 3 kΩ
- Bias/+VDC: 1.3V (0.9-20V)
- Current drain: 25 µA
- Mic dimensions: 13x7x3,5mm (0.51x0.28x0.14")
- Cable: Length 2.5m (98") Ø 1.5mm
- Weight: 10 g (0.35 oz)
- Colors: black

Area of application:

- Social media videos
- Reports, Talking-Head interviews,
- Backup for sound engineers

VT506 Video Microphone for DSLR Videocameras



Moving picture needs the best sound.

The VT506VIDEO is also based on the VT506 and has a matching connector for video cameras. Whether it's for social media videos like YouTube or Vimeo, reports, Talking-Head interviews, private

recordings or as a backup for sound engineers. It is produced with a special molding injection technique and the length of the cable is 2.5m so that it does not appear in the video.

- Generating Element: Electret Condenser
- Polar pattern: Omni-Directional
- Frequency Range: 40Hz - 20kHz
- Sensitivity: -60dB ±3dB re 1V/microbar (1mV/Pa)
- Noise Level: 26dB "A" weighted
- Max. Input SPL: 118dB
- Impedance: 3 kΩ
- Bias/+VDC: 1.3V (0.9-20V)
- Current drain: 25 µA
- Mic dimensions: 13x7x3,5mm (0.51x0.28x0.14")
- Cable: Length 2.5m (98") Ø 1.5mm
- Weight: 10 g (0.35 oz)
- Colors: black

Area of application:

- Social media videos
- Reports, Talking-Head interviews,
- Backup for sound engineers

INTERVIEW KIT VT506MOBILE



For MoJo (mobile journalism) and all smartphone content creators who do not want to resign on professional sound quality.

The popular VT506MOBILE is now also available as kit with two matched VT506Mobile microphones and an IA-2

adapter to record two interview participants simultaneously at an equal sound level straight to the smartphone.

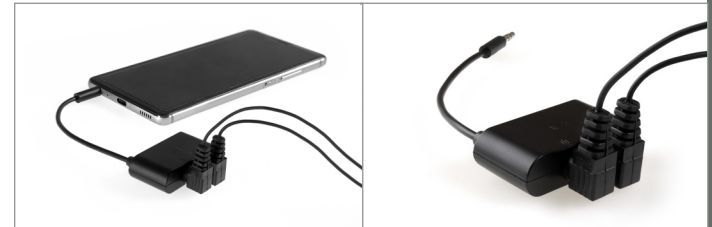
The kit contains:

- 2 VT506Mobile microphones (matched pair)
- 2 Alligator Clips
- 2 Professional Windscreens
- 1 IA-2 Adapter

- | | |
|-----------------------|------------------------------------|
| • Generating Element: | Electret Condenser |
| • Polar pattern: | Omni-Directional |
| • Frequency Range: | 40Hz - 20kHz |
| • Sensitivity: | -60dB ±3dB re 1V/microbar (1mV/Pa) |
| • Noise Level: | 26dB "A" weighted |
| • Max. Input SPL: | 118dB |
| • Impedance: | 3 kΩ |
| • Bias/+VDC: | 1.3V (0.9-20V) |
| • Current drain: | 25 µA |
| • Mic dimensions: | 13x7x3,5mm (0.51x0.28x0.14") |
| • Cable: | Length 2.5m (98") Ø 1.5mm |
| • Weight: | 10 g (0.35 oz) |
| • Colors: | black |

Area of application:

- For MoJo (mobile journalism) and content creators, podcasts, social media-videos (Youtube, Vimeo)
- Video in Talking-Head-Format



Plug & Play with smartphones

The VT506Mobile works directly with the most important recording apps.

VT500X Waterproof Omni Lavalier Microphone



Extreme situations - don't bother about water anymore.

Based on the popular lavalier microphone VT500 and the waterproof versions VT-500WATER and VT500WA Water Adventure but even IPX-8 certificated (1m under water for 24 hours). Besi-

de of the maximum capsule protection it has a reinforced cable against sweat, cuts and tearing. This microphone is the ideal solution for the toughest outdoor shoots and stage applications.

- Generating Element: Electret Condenser
- Polar pattern: Omni-Directional
- Frequency Range: 40Hz - 20kHz
- Sensitivity: max. -79dB
- Noise Level: 26dB "A" weighted
- Max. Input SPL: 118dB
- Impedance: 3 kΩ
- Bias/+VDC: 1.3V (0.9-20V)
- Current drain: 25 µA
- Mic dimensions: 13x7x3,5mm (0.51x0.28x0.14")
- Cable: Length 1.5m (59") Ø 1.5mm
- Weight: 7 g (0.25 oz)
- Colors: black, beige

Area of application:

- Theatre/Film
- Broadcast
- Industrial applications



IPX8 certificated = 1m under water for 24 hours

For the most demanding situations:

VT500X EXTREME

VT500WA Water Adventure Omni Lavalier Microphone



Resistance redefined. Ready for every adventure.

Based on the popular lavalier microphones VT500 and VT506. This is particularly noticeable in the clear vocal reproduction as they stay true to the source. Another trademark is the outstanding sound characteristics in the frequency range from 40 Hz to 20 kHz and extremely low self-noise. In addition to the capsule protection they have an extremely reinforced cable against sweat, cuts and tearing. As IPX-7 certified microphones they even endures temporary water submersion.

- **Generating Element:** Electret Condenser
- **Polar pattern:** Omni-Directional
- **Frequency Range:** 40Hz - 20kHz
- **Sensitivity:** -59dB ±3dB re 1V/microbar (1.1mV/Pa)
- **Noise Level:** 26dB "A" weighted
- **Max. Input SPL:** 118dB
- **Impedance:** 3 kΩ
- **Bias/+VDC:** 1.3V (0.9-20V)
- **Current drain:** 25 µA
- **Mic dimensions:** 13x7x3,5mm (0.51x0.28x0.14")
- **Cable:** Length 1.5m (59") Ø 1.5mm
- **Weight:** 7 g (0.25 oz)
- **Colors:** black, white

- Area of application:**
- Broadcast and live area, theatre
 - Sports events
 - Rental houses

VT506WA Water Adventure Omni Lavalier Microphone



Microphones for the toughest daily productions in the world, ultra-resilient, waterproof with ultra-robust cable delivering the best voice quality even under the most adverse conditions. Ideal for punishing day-to-day production, sports, rental houses or for environmentally ruthless outdoor shoots.

- **Generating Element:** Electret Condenser
- **Polar pattern:** Omni-Directional
- **Frequency Range:** 40Hz - 20kHz
- **Sensitivity:** -60dB ±3dB re 1V/microbar (1mV/Pa)
- **Noise Level:** 26dB "A" weighted
- **Max. Input SPL:** 118dB
- **Impedance:** 3 kΩ
- **Bias/+VDC:** 1.3V (0.9-20V)
- **Current drain:** 25 µA
- **Mic dimensions:** 13x7x3,5mm (0.51x0.28x0.14")
- **Cable:** Length 1.5m (59") Ø 1.5mm
- **Weight:** 7 g (0.25 oz)
- **Colors:** black, white

- Area of application:**
- Broadcast and live area, theatre
 - Sports events
 - Rental houses

VT500WATER Waterproof Omni Lavalier Microphone



No recording gets washed away.

Waterproof versions (IPX-7 certificated) of the VT500 /VT506 lavalier microphones. Due to a special molding injection treatment the microphones can even be temporarily situated completely under water, without taking any damage. This enables a special flexible use in broadcast and live area or even at sports events.

- Generating Element: Electret Condenser
- Polar pattern: Omni-Directional
- Frequency Range: 40Hz - 20kHz
- Sensitivity: -59dB ±3dB re 1V/microbar (1.1mV/Pa)
- Noise Level: 26dB "A" weighted
- Max. Input SPL: 118dB
- Impedance: 3 kΩ
- Bias/+VDC: 1.3V (0.9-20V)
- Current drain: 25 µA
- Mic dimensions: 13x7x3,5mm (0.51x0.28x0.14")
- Cable: 1.5m (59")/beige 1.8m (71") Ø 1.5mm
- Weight: 7 g (0.25 oz)
- Colors: black, beige

- Area of application:
- Broadcast and live area, theatre
 - Sports events
 - Outdoor applications

VT506WATER Waterproof Omni Lavalier Microphone



In addition the microphones are rugged and shockproof. The cable is flexible and has excellent isolation from handling noise.

- Generating Element: Electret Condenser
- Polar pattern: Omni-Directional
- Frequency Range: 40Hz - 20kHz
- Sensitivity: -60dB ±3dB re 1V/microbar (1mV/Pa)
- Noise Level: 26dB "A" weighted
- Max. Input SPL: 118dB
- Impedance: 3 kΩ
- Bias/+VDC: 1.3V (0.9-20V)
- Current drain: 25 µA
- Mic dimensions: 13x7x3,5mm (0.51x0.28x0.14")
- Cable: 1.5m (59")/beige 1.8m (71") Ø 1.5mm
- Weight: 7 g (0.25 oz)
- Colors: black, beige

- Area of application:
- Broadcast and live area, theatre
 - Sports events
 - Outdoor applications

VT401 Omni Lavalier Microphone



Ultra miniature and light.

Very small and extremely lightweight electret condenser microphone. Fitted with an ultra-miniature microphone capsule, it is in most cases almost unnoticeable and easy to place. Ideal for inconspicuous placement for per-

forming talent in broadcast, theatre, production and film sound.

• Generating Element:	Electret Condenser
• Polar pattern:	Omni-Directional
• Frequency Range:	20Hz-20kHz
• Sensitivity:	-46dB ±3dB 1V/microbar (5mV/Pa)
• Noise level:	30dB "A"weighted
• Max. Input SPL:	125dB
• Impedance:	4.5kΩ
• Bias/+VDC:	0.8-5V
• Mic dimensions:	8x3,2mm (0.31x0.13")
• Cable:	Length 1.5m (59") Ø 1mm
• Weight:	5g (0.18 oz)
• Colors:	black, beige

Area of application:

- Stage/Theatre
- Broadcast

VT403 Vocal Lavalier Microphone



Best sound on every stage.

Ultra-miniature Hi-SPL microphone for use with a wireless body pack transmitter. The water resistant microphone is fitted with a subminiature microphone capsule and has a high electromagnetic interference protection.

It has an open and clear sound and is excellent for vocalists and stage presentations. The VT403 has a very low inherent noise and a low distortion for high sound pressure levels.

• Generating Element:	Electret Condenser
• Polar pattern:	Omni-Directional
• Frequency Range:	100Hz - 20kHz
• Sensitivity:	-48dB ±3dB 1V/microbar (4mV/Pa)
• Noise Level:	33dB "A" Weighted
• Max. Input SPL:	136dB
• Impedance:	2 kΩ
• Bias/+VDC:	3V (1.5-9V max.)
• Mic Dimensions:	Ø 8.6x3.1mm (0.34x0.12")
• Cable:	Length 1.5m (59") Ø 1.5mm
• Weight:	6 g (0.21 oz)
• Colors:	black, beige, white

Area of application:

- Stage/Musicals
- Film
- Vocals

VT403WA Waterproof Vocal Lavalier Microphone



Stage your adventure.

The WA version is waterproof (IPX-7 certificated) with a digital protection built in RF filter and has a cable that is extremely reinforced against sweat, cuts and tearing. Even with its small dimensions, it displays an enormous

presence when it comes to sound and has an excellent performance at high sound pressure levels. The ultra-miniature Hi-SPL microphone impresses with an open and clear sound.

• Generating Element:	Electret Condenser
• Polar pattern:	Omni-Directional
• Frequency Range:	100Hz - 20kHz
• Sensitivity:	-48dB ±3dB 1V/microbar (4mV/Pa)
• Noise Level:	33dB "A" Weighted
• Max. Input SPL:	136dB
• Impedance:	2 kΩ
• Bias/+VDC:	3V (1.5-9V max.)
• Mic Dimensions:	Ø 8.6x3.1mm (0.34x0.12")
• Cable:	1.5m (59")/beige 1.8m (71") Ø 1.5mm
• Weight:	6 g (0.21 oz)
• Colors:	black, beige

Area of application:

- Stage/Musicals
- Film
- Vocals



VT100 Cardioid Microphone



Clear voice reproduction in noisy environments.

Professional lavalier microphone designed for clear, accurate voice reproduction. Thanks to the cardioid characteristic it produces nearly no feedback and reduces background noise. The rota-

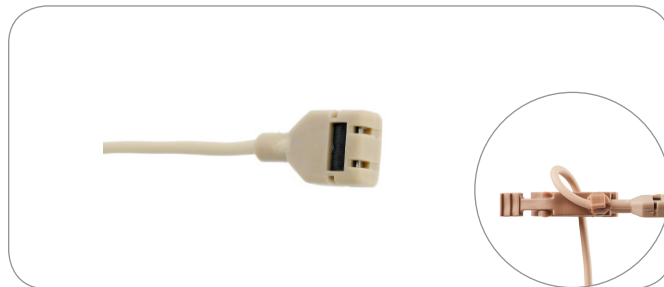
table clip allows an exact positioning of the microphone. Ideal in noisy environments or when the talent is close to the monitor speakers. The VT100 is perfect for public address and presenters. The small microphone capsule unit is detachable from the mounting base.

- **Generating Element:** Subminiature Cardioid Condenser
- **Polar pattern:** Cardioid
- **Frequency Range:** 100Hz - 15kHz
- **Sensitivity:** -44dB \pm 3dB 1V/microbar (6mV/Pa)
- **Noise level:** 31.5dB SPL „A“ weighted
- **Max. Input SPL:** 130dB
- **Impedance:** 1600 Ω
- **Bias/+VDC:** 1.3-10V (max.)
- **Mic Dimensions:** \varnothing 5.3x21mm (0.21x0.83")
- **Cable:** Length 1.5m (59") \varnothing 1.5mm
- **Weight:** 13g (0.46 oz)
- **Colors:** black

Area of application:

- Stage
- Public address and presenters

VT106HOF Miniature Cardioid Microphone



The VT106HOF Miniature Cardioid Microphone (High Open Frequencies) has a clear and open sound pickup and high sensitivity.

Microphones for use in theatre performances and musicals need to meet specific demands. The complex ma-

nufacturing process of the VT106HOF enables a high level of water resistance, it is unobtrusive as possible, durable and still transmits voices with the best possible quality.

- **Generating Element:** Electret Condenser (tensioned diaphragm)
- **Polar Pattern:** Hyper-Cardioid
- **Frequency Range:** 100Hz- 6kHz
- **Sensitivity (@ 1kHz):** -49dB \pm 3dB 1V/microbar (3.5 mV/Pa)
- **Noise Level:** 26dB "A" weighted
- **Max. Input SPL:** 113dB SPL
- **Impedance:** 4.4 k Ω
- **Bias/+VDC:** 1.3-10V
- **Cable:** Length 1.5m (59") \varnothing 1.5mm
- **Weight:** 13 g (0.46 oz)
- **Colors:** beige

Area of application:

- Theatre
- Musical
- Reality TV Shows

VT60M Miniature Earphone, straight cable



Excellent sound, almost invisible.

Very small and extremely lightweight earphone that's totally unobtrusive!

It delivers quality sound as well as isolation from outside noise. The built-in receiver is

connected with a thin cable that can be difficult to see in most applications.

- | | |
|--------------------|--------------------------------------|
| • Element: | Ultra Subminiature Magnetic Receiver |
| • Frequency Range: | 200Hz - 8kHz |
| • Sensitivity: | 104dB ±3dB |
| • Impedance: | 500Ω |
| • Cable: | Length 1.5m (59") Ø 1mm |
| • Plug: | 3,5mm Right Angle Phone |
| • Dimensions: | 9.5x4.5x5.7mm (0.37x0.18x0.22") |
| • Weight: | 5g (0.18 oz) |
| • Colors: | beige |

Area of application:

- Stage
- Theatre
- Broadcast

VT602 Stereo Earphone, straight cable



The renowned VT600-sound. In Stereo.

Stereo version of the well-known VT600. Excellent sound and ease of use are the primary user benefits. Ideal solution for discreet „stereo“ listening (for example with a professional camera).The

VT602 comes with 2 Flexible Ear Inserts. The open frame design still allows the user to hear ambient noise, they fit without pressure entirely in the outer auditory canal. They are very comfortable even after many hours, are hygienic and can be cleaned very easily.

- | | |
|--------------------|----------------------------------|
| • Element: | Subminiature Magnetic Receiver |
| • Frequency Range: | 200Hz-8kHz |
| • Sensitivity: | 104dB ±3dB |
| • Impedance: | 500Ω |
| • Distortion: | 5% max. |
| • Receiver Size: | 15.8x5.5x6.7mm (0.62x0.22x0.28") |
| • Cable: | Length 1.2m (47") Ø 1.5mm |
| • Plug: | 3.5mm Right Angle Phone |
| • Weight: | 15g (0.53oz) |
| • Colors: | beige |

Area of application:

- Camera

VT600 Earphone, straight cable



Discrete listening was never so comfortable.

Designed for inconspicuous listening requirements. Excellent sound and ease of use are the primary user benefits; there is no need for a custom ear mold or snap fit parts, one size effectively fits

all. The VT600 is equipped with a short bend loop. The earphone will interface with any wireless or hardwired receiver for monitoring.

- Element: Subminiature Magnetic Receiver
- Frequency Range: 200Hz-8kHz
- Sensitivity: 104dB ±3dB
- Impedance: 500Ω
- Distortion: 5% max.
- Receiver Size: 15.8x5.5x6.7mm (0.62x0.22x0.28")
- Cable: Length 1.5m (59")
Ø1mm
- Plug: 3.5mm Stereo or Mono Connector
- Weight: 10 g (0.35 oz)
- Colors: black, beige

Area of application:

- Stage
- Security
- Broadcast

VT600C Earphone with coiled cable



Discrete listening was never so comfortable.

Designed for inconspicuous listening requirements. Excellent sound and ease of use are the primary user benefits; there is no need for a custom ear mold or snap fit parts, one size effectively fits

all. The VT600C is equipped with a short bend acoustic loop. The earphone will interface with any wireless or hardwired receiver for monitoring.

- Element: Subminiature Magnetic Receiver
- Frequency Range: 200Hz-8kHz
- Sensitivity: 104dB ±3dB
- Impedance: 500Ω
- Distortion: 5% max.
- Receiver Size: 15.8x5.5x6.7mm (0.62x0.22x0.28")
- Cable: Length 1.5m (59")
Ø1.5mm
- Plug: 3.5mm Mono Connector
(Stereo Connector on request)
- Weight: 10 g (0.35 oz)
- Colors: beige

Area of application:

- Stage
- Security
- Broadcast

VT600T Earphone with coiled tube



Discrete listening was never so comfortable.

Designed for inconspicuous listening requirements. Excellent sound and ease of use are the primary user benefits; there is no need for a custom ear mold or snap fit parts, one size effectively fits

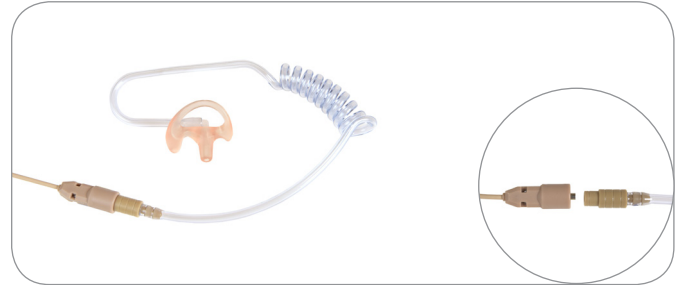
all. The VT600T is equipped with a coiled acoustic tube. The earphone will interface with any wireless or hardwired receiver for monitoring.

• Element:	Subminiature Magnetic Receiver
• Frequency Range:	200Hz-8kHz
• Sensitivity:	104dB ±3dB
• Impedance:	500Ω
• Distortion:	5% max.
• Receiver Size:	15.8x5.5x6.7mm (0.62x0.22x0.28")
• Cable:	Length 1.5m (59") Ø1mm
• Plug:	3.5mm Stereo or Mono Connector
• Weight:	10 g (0.35 oz)
• Colors:	black, beige

Area of application:

- Stage
- Security
- Broadcast

VT600D Earphone with detachable tube



Discreet, easy to use and hygienic.

The VT600D earphone features outstanding sound and wearing comfort. The sound tube just clicks to the driver, enabling easy change of the whole spiral tube including the earpiece – preserving

hygiene even when multiple people work with the same receiver. The users merely connect their spiral tubes to the receiver and are ready to go. With its flexible cable and the soft, elastic silicone ear-piece (size S/M/L/XL for left or right ear), the VT600D is comfortable to wear.

• Element:	Subminiature Magnetic Receiver
• Frequency Range:	200Hz-8kHz
• Sensitivity:	104dB ±3dB
• Impedance:	500Ω
• Distortion:	5% max.
• Receiver Size:	15.8x5.5x6.7mm (0.62x0.22x0.28")
• Cable:	Length 1.5m (59") Ø1.5mm
• Plug:	3.5mm Stereo Connector
• Weight:	12 g (0.42 oz)
• Colors:	beige

Area of application:

- Stage
- Security
- Broadcast

VT610TC125 /VT610TC32 Earphone



Great sound quality for program that matters.

Designed for inconspicuous listening requirements. The earphone has a standard, typical size 125Ω (or 32Ω) driver. In combination with a coiled acoustic tube the sound is directed into the ear

canal. This method reduces the ingress of ambient noise.

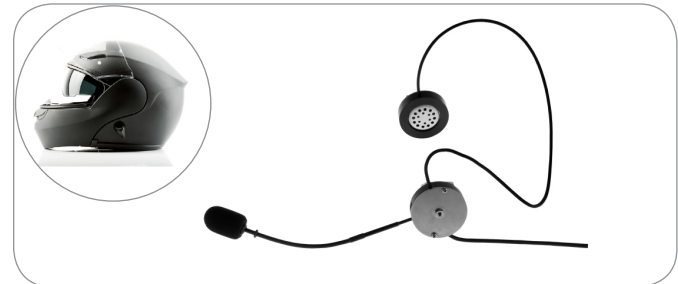
All parts can easily be exchanged. Other plugs or another cable length are available on request.

- | | |
|--------------------|--------------------------------|
| • Element: | Magnetic Receiver |
| • Frequency Range: | 100Hz-4kHz |
| • Sensitivity: | 120 dB
±3dB at 1000 Hz |
| • Impedance: | 125Ω or 32Ω ± 30% at 1000 Hz |
| • D.C. Resistance: | 44Ω ± 3Ω |
| • Cable: | Length 1.5m (59") |
| • Plugs: | 3.5mm Right Angle Phone (Mono) |
| • Weight: | 20 g (0.71 oz) |
| • Colors: | black |

Area of application:

- Broadcast
- Security

VT HK Helmet Kit



Stay connected without compromises.

The VT HK Helmet kit has been designed on customer demand. Thanks to its high-quality miniature Cardioid capsule an optimal reproduction of the voice is guaranteed also with head wind. The

flexible boom allows a precise adjustment to the helm. Two loudspeakers are mounted in a compact body, which easily can be mounted in the helmet. The VT HK Helmet kit is very robust.

- | | |
|-----------------------|-----------------------------------|
| • Generating Element: | Electret Condenser |
| • Polar Pattern: | Cardioid |
| • Frequency Range: | 50Hz-18kHz |
| • Sensitivity: | -53dB ±3dB 1V/microbar (2.2mV/Pa) |
| • Noise Level: | 32dB „A“ weighted |
| • Max. Input SPL: | 120dB |
| • Impedance: | 2.8 to 6.8 kΩ, nominal 4.4kΩ |
| • Bias/ +VDC: | 1.5-9V |
| • Element: | Magnetic Receiver |
| • Frequency Range: | 100Hz-4kHz |
| • Sensitivity: | 120dB ±3dB |
| • Impedance: | 125Ω or 32Ω ±30% at 1000Hz |
| • Cable: | Length 1.5m (59") Ø 3mm |
| • Weight: | 20 g (0.70 oz) |
| • Colors: | black |

VT DUPLEX Lightweight Omni Headworn



Double-sided. High comfort.

Headworn microphone with two ear hooks based on the successful VT901 MKII. This adds stability and ensures highest wearing comfort no matter if the microphone is worn on the left or right side.

Available in two sizes, making it a perfect fit for both adults and children. The flexible gooseneck and the exchangeable cable guarantee maximum versatility. The headworn microphone VT DUPLEX is delivered with the innovative, nearly invisible windscreen Wsi.

- Generating Element: Electret Condenser
- Polar Pattern: Omni-Directional
- Frequency Range: 20Hz-20kHz
- Sensitivity: -35dB ±3dB 1V/microbar (17.8mV/Pa)
- Noise Level: 25dB "A" weighted
- Max. Input SPL: 125dB
- Impedance: 2kΩ (+/- 30%)
- Bias/+VDC: 0.8-5V
- Cable: Length 1.2m (47") Ø 1.3mm
- Weight: 12 g (0.42 oz)
- Colors: beige

Area of application:

- Theatre
- Broadcast
- Presentation

VT DUPLEX VOCAL Lightweight Omni Headworn



Let the audience hear your real voice.

Vocal version of the successful VT Duplex being ideal for singers and stage performers. With its Omnidirectional capsule it masters high sound pressure levels and boasts very low self-noise. The mini-

ature capsule with a diameter of only 3mm is placed in a robust housing. The adjustable headband is extremely comfortable and available in two sizes. The mic boom is flexible and can be worn either on left or right side.

- Generating Element: Electret Condenser
- Polar Pattern: Omni-Directional
- Frequency Range: 100Hz-20kHz
- Sensitivity: -48dB ±3dB 1V/microbar (4mV/Pa)
- Noise Level: 33dB "A" weighted
- Max. Input SPL: 136dB
- Impedance: 2kΩ (+/- 30%)
- Bias/+VDC: 3V (1.5-9V max.)
- Cable: Length 1.2m (47") Ø 1.3mm
- Weight: 12 g (0.42 oz)
- Colors: beige

Area of application:

- Theatre
- Stage
- Singing

VT700 Omni Headworn Microphone



Simple design. Big in sound.

Its Omni pattern is less prone to "popping" and wind noise and excels with clear and natural voice reproduction. A perspiration drip ring on the gooseneck ensures the microphone capsule stays dry at all times. Very comfortable,

lightweight and unobtrusive headworn. The flexible gooseneck enables the user to position the microphone for optimum sound and gain before feedback. The cable runs neatly behind the neck for maximum concealment.

- Generating Element: Electret Condenser
- Polar Pattern: Omni-Directional
- Frequency Range: 100Hz- 18 kHz
- Sensitivity (@ 1kHz): -43dB ±3dB 1V/microbar (7.1mV/Pa)
- Noise Level: 32dB "A" weighted
- Max. Input SPL: 125dB
- Impedance: 2.8kΩ to 6.8 kΩ, nominal 4.4 kΩ
- Bias/+VDC: 1.5-9V (max.)
- Dynamic Range: 93dB
- Signal Noise Ratio: 62dB @94dB SPL
- Cable: Length 1.5m (59") Ø 2mm
- Weight: 17 g (0.60 oz)
- Colors: beige

Area of application:

- Presentations
- Theatre
- Broadcast/Studio

VT701MKII Lightweight Omni Headworn



Fits perfect, hardly seen, sounds ideal.

Superlight headworn microphone with an ultra miniature capsule head. It is ideal for applications requiring minimum visibility (stage, broadcast, public address and presenters). The sound is clear

and natural. The adjustable ear hooks allow the mic boom to be on either side and lay flat for easy transport. The VT-701MKII has an adjustable, thin headband for a nearly invisible fit. The performers are free to focus on their performance!

- Generating Element: Electret Condenser
- Polar Pattern: Omni-Directional
- Frequency Range: 20Hz-20kHz
- Sensitivity: -35dB ±3dB 1V/microbar (17.8mV/Pa)
- Noise Level: 25dB "A" weighted
- Max. Input SPL: 125dB
- Impedance: 2kΩ (+/- 30%)
- Bias/+VDC: 0.8-5V
- Cable: Length 1.2m (47") Ø 1.3mm
- Weight: 12 g (0.42 oz)
- Colors: beige

Area of application:

- Theatre
- Broadcast
- Presentation



VT SWITCH Omni Headworn



Switch to Switch – quick changes for the theatre stage.

VT Switch features a screw thread enabling quick and effortless changing of the microphone capsule. With this technology, the capsule can easily be changed even when the actor or actress is already

costumed and made up. The neckband stays in place, only the capsule is being changed. Whether a change in the circumstances demands a switch of polar patterns or a microphone is obstructed by make up – the VT Switch makes changing and switching easy.

• Generating Element:	Electret Condenser
• Polar Pattern:	Omni-Directional (optional: Cardioid)
• Frequency Range:	50Hz- 20kHz
• Sensitivity (@ 1kHz):	-44dB \pm 3dB 1V/microbar (6mV/Pa)
• Noise Level:	31.5dB "A" weighted
• Max. Input SPL:	130dB
• Impedance:	1.5k Ω
• Signal Noise Ratio:	more than 60dB @1kHz/Pa A-weighted
• Bias/+VDC:	1.3-10V
• Cable:	Length 1.2m (47") \varnothing 1.8mm
• Weight:	21 g (0.74 oz)
• Colors:	beige

Area of application:

- Stage
- Presentations

VT720W Waterproof Sports Headworn



Hard workout? Not for your microphone.

Noise-cancelling, waterproof headset microphone for sports and aerobics instructors as well as television field for wireless transmission and amplification voice.

The Bi-directional micropho-

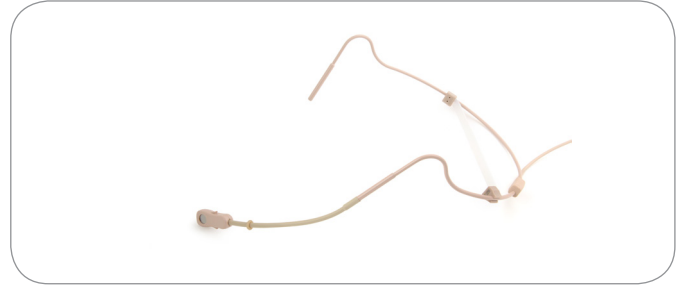
ne head is waterproof and the condenser microphone capsule is a highly efficient noise canceller, which prevents feedback from loudspeakers or interference from crowd noise etc. The headband behind the neck is adjustable.

- | | |
|-------------------------|----------------------------------|
| • Generating Element: | Electret Microphone |
| • Polar Pattern: | Super Cardioid |
| • Frequency Response: | 100Hz-10kHz |
| • Sensitivity (3-wire): | -44dB±3dB 1V/microbar (6.3mV/Pa) |
| • Bias/+VDC: | 1.5-12V |
| • Cable: | Length 1.4m (55") Ø 3mm |
| • Weight: | 50 g (1.76 oz) |
| • Colors: | blue |

Area of application:

- Sports and aerobics instructors

VT800 Headworn Cardioid



Voice is present and focused.

Cardioid headworn microphone for applications where there is an abundance of ambient sound. Much consideration has been put into the physical design of the VT800: the adjustable, gooseneck style mic boom enables the talent to

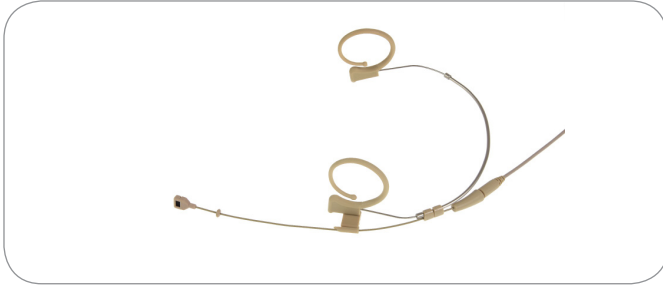
stay close to monitor speakers and to produce a clear, intelligible voice over the noise. The cable runs neatly to the back of the neck for best concealment. The headband is highly resistant to corrosion and is easy to clean.

- | | |
|-------------------------|-----------------------------------|
| • Generating Element: | Electret Condenser |
| • Polar Pattern: | Cardioid |
| • Frequency Range: | 100Hz- 10kHz |
| • Sensitivity (@ 1kHz): | -53dB ±3dB 1V/microbar (2.2mV/Pa) |
| • Noise Level: | 32dB "A" weighted |
| • Max. Input SPL: | 120dB based on 9V supply |
| • Impedance: | 2.8kΩ to 6.8 kΩ, nominal 4.4 kΩ |
| • Dynamic Range: | 88dB |
| • Signal Noise Ratio: | 62dB @94dB SPL |
| • Bias/+VDC: | 1.5-9V |
| • Cable: | Length 1.5m (59") Ø 2mm |
| • Weight: | 18 g (0.63 oz) |
| • Colors: | beige, black |

Area of application:

- Presentations
- Speaker/Moderator
- Stage

VT DUPLEX-CARDIOID Miniature Headworn Cardioid



VT DUPLEX CARDIOID: A Miniature Cardioid Headset with clear and open sound pick-up and high sensitivity. Our complex manufacturing process enables a high level of water resistance so that the headset can be used in demanding production environments. Available in two head-

band sizes the VT DUPLEX CARDIOID can be adapted optimally to anyone and ensures a high wearing comfort. Each headset includes a specially designed distance holder for the mic boom to avoid contact noise.

• Generating Element:	Electret Condenser (tensioned diaphragm)
• Polar Pattern:	Hyper-Cardioid
• Frequency Range:	100Hz- 6kHz
• Sensitivity (@ 1kHz):	-49dB ±3dB 1V/microbar (3.5 mV/Pa)
• Noise Level:	26dB "A" weighted
• Max. Input SPL:	113dB SPL
• Impedance:	4.4 kΩ
• Bias/+VDC:	1.3-10V
• Cable:	Length 1.15m (45") Ø 1.9mm
• Weight:	15 g (0.53 oz)
• Colors:	beige

Area of application:

- Presentations
- Speaker/Moderator
- Stage



VT901MKII Earhanger Microphone



Perfect fitting. Discreet design.

It boasts a specialized super-miniature omni capsule producing very natural speech and vocals perfect for broadcast and stage. The soft "spiral ear fastener" gives any user the perfect fit every time

without the fear of it slipping off. The high wearing comfort is achieved through the low weight as well as through its very flexible material; thus the microphone is comfortable even after many hours. The cable and the spiral ear-wrap is removable and can be easily exchanged.

- Generating Element: Electret Condenser
- Polar Pattern: Omni-Directional
- Frequency Range: 20Hz-20kHz
- Sensitivity: -35dB ±3dB 1V/microbar (17.8mV/Pa)
- Noise Level: 25dB "A" weighted
- Max. Input SPL: 125dB
- Impedance: 2kΩ (± 30%)
- Bias/+VDC: 0.8-5V
- Cable: Length 1.2m (47") Ø 1.3mm
- Weight: 5 g (0.18 oz)
- Colors: beige

- Area of application:
- Vocals
 - Broadcast
 - Stage

VT910DC Earhanger Microphone



Perfect ergonomics for live & broadcast.

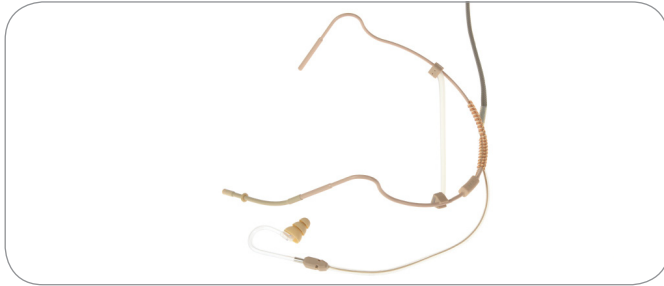
Super light omni condenser „Earhanger“ microphone. Ideal for use on stage or broadcast applications requiring minimum visibility. The VT910DC is flexible, with a lightweight contoured loop

for an universal fit on either ear. The cable is removable and can be easily exchanged. The VT910DC remains less apparent than a conventional headset and more comfortable for extended wear.

- Generating Element: Electret Condenser
- Polar Pattern: Omni-Directional
- Frequency Range: 20Hz-20kHz
- Sensitivity: -42dB ±3dB 1V/microbar (7.9mV/Pa)
- Max. Input SPL: 122dB
- Impedance: 1kΩ (±30%)
- Bias/+VDC: 1.3V (0.9-5V)
- Cable: Length 1.4m (55") Ø 1.3mm
- Weight: 7 g (0.25 oz)
- Colors: beige

- Area of application:
- Stage
 - Broadcast
 - Presentation

VT760MKII Omni Headset Combination



Highest flexibility for your best performance.

The VT760MKII is a combination of a VT700 headworn with a VT600 earphone. It allows you to communicate with your immediate environment and simultaneously listen and speak with your

headset. The flexible gooseneck enables the user to position the microphone for optimum sound. It is a light and very comfortable headset. The headband is highly resistant to corrosion and is easy to clean.

- | | |
|-------------------------|-----------------------------------|
| • Generating Element: | Electret Condenser |
| • Polar Pattern: | Omni-Directional |
| • Frequency Range: | 100Hz - 18 kHz |
| • Sensitivity (@ 1kHz): | -43dB ±3dB 1V/microbar (7.1mV/Pa) |
| • Noise Level: | 32dB "A" weighted |
| • Max. Input SPL: | 125dB |
| • Impedance: | 2.8kΩ to 6.8 kΩ, nominal 4.4 kΩ |
| • Bias/+VDC: | 1.5-9V (max.) |
| • Dynamic Range: | 93dB |
| • Signal Noise Ratio: | 62dB @94dB SPL |
| • Cable: | Length 1.5m (59") Ø 2mm |
| • Weight: | 42 g (1.48 oz) |
| • Colors: | beige |

- Area of application:
- Broadcast studio operations
 - Presentations
 - Communication

VT860MKII Cardioid Headset Combination



As flexible as your work.

The VT860MKII is a combination of a VT800 headworn with a VT600 earphone. It allows you to communicate with your immediate environment and simultaneously listen and speak with your headset. Ideal for applica-

tions where there is an abundance of ambient sound. The adjustable, gooseneck style mic boom enables the talent to stay close to monitor speakers and to produce a clear, intelligible voice over the noise. The headband is highly resistant to corrosion and is easy to clean.

- | | |
|-------------------------|-----------------------------------|
| • Generating Element: | Electret Condenser |
| • Polar Pattern: | Cardioid |
| • Frequency Range: | 100Hz - 10 kHz |
| • Sensitivity (@ 1kHz): | -53dB ±3dB 1V/microbar (2.2mV/Pa) |
| • Noise Level: | 32dB "A" weighted |
| • Max. Input SPL: | 120dB based on 9V supply |
| • Impedance: | 2.8kΩ to 6.8 kΩ, nominal 4.4 kΩ |
| • Dynamic Range: | 88dB |
| • Signal Noise Ratio: | 62dB @94dB SPL |
| • Bias/+VDC: | 1.5-9V |
| • Cable: | Length 1.5m (59") Ø 2mm |
| • Weight: | 49 g (1.73 oz) |
| • Colors: | beige, black |

- Area of application:
- Broadcast studio operations
 - Presentations
 - Communication

VT1126 Electret Phantom Adapter (Phantom Power 48V)



Small tool that allows hard-wired use of lavalier microphones. It converts Phantom 48V to electret power and outputs the audio as an electrically balanced signal.

- Range of models with standard sockets to fit the plugs:
- VT1126-TA3/A for TA3 (AKG) - VT1126-TA4/S for TA4 (Shure)
 - VT1126-TA5/L for TA5 (Lectrosonics) - VT1126-AL6P for Audio Limited 6Pin
 - VT1126-SK5 for Sennheiser SK50/3000/5000
 - VT1126-S3.5 for Sennheiser Evolution G2 System
 - Dimensions: Length 54mm (2.1") Ø 20mm
 - Weight: 55 g (1.94 oz)

Connectors matching to Voice Technologies Microphones



TA3/TA4F/TA5F



Sony Locking Stereo



Hirose



Sennheiser SK50



Audio Ltd. Lemo 6-Pin



AKG



WPMC waterproof



Microdot Adapter cable

Standard Accessories for VT500/506 Series



VTO Box
waterproof



AC Alligator Clip



DM Dracula Mount



PW Professional
Windscreen



TT Tie Tac Clip



RBM Rubber Body
Mount

Optional Accessories for VT500/506 Series



CC Cage Clip



LAC
Long Alligator Clip



DAC
Dual Alligator Clip



SW Standard Wind-
screen

Standard Accessories for VT100



VTO Box
waterproof



DT100 Clip



WS100/8
Windscreen

Standard Accessories for VT106HOF

VTO Box
waterproof

AC400 Alligator Clip

WS106
WindscreenRFM
Rubber Face Mount

Standard Accessories for VT400 Series

VTO Box
waterproof

AC4 Alligator Clip

DM4
Dracula MountWsi401 Mini-Wind-
screenRBM Rubber Body
Mount

Windscreen for VT401

WS400/700
Windscreen

Standard Accessories for VT600 Series



VTO/EP Box
waterproof



AC400 Alligator Clip



Ear beige



Ear Accordion



Elbow for VT600/
VT600C



Tube for VT600T/
VT600D

Standard Accessories for VT610



VT610 Box



Ear beige



Tube for VT610



Speaker for VT610



Color Clip for VT610



Cable for VT610

Standard Accessories for VT60M



VTO/EP Box
waterproof



AC400 Alligator Clip



Ear Accordion short

VT600D/VT602



available in:
S - M - L - XL
for left or right ear

Flexible Ear Insert

VT600D



TC Tube Coupler

Boxes and Cases for Headsets



VT701/901/910Box
for VT701/901/910



Case4
for Headsets

Windscreens



WSi701/901
for VT701/VT901/Duplex



WS701/901
for VT701/VT901/Duplex



WS800
for VT800/VT860



WS400/700
for VT700/VT760



WSC
for VT Duplex Cardioid/
VT Switch



WS720 for VT720W

Other Accessories



VT901Earpart
for VT901



VT701/901Cable
for VT701/901/DUPLEX



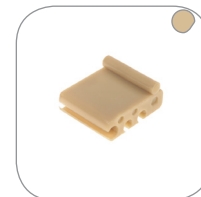
Cable for DUPLEX
Cardioid/Vocal



AC400
for VT901/701/Duplex



Straps
for VT700/800series/
VT Switch



DH Distance Holder
for DUPLEX Cardioid

Model No.	Product Typ	Pattern	Application	Special	
VT500	Lavalier Mic	Omni	<ul style="list-style-type: none"> • Broadcast • Stage • Film 		flat frequency response
VT500WATER	Lavalier Mic	Omni	<ul style="list-style-type: none"> • Broadcast • Stage • Film 	same cable as the VT500 but a waterproof head	flat frequency response
VT500WA WATER ADVENTURE	Lavalier Mic	Omni	<ul style="list-style-type: none"> • Broadcast • Stage • Film 	same head as VT500WATER, but sweat-, cut- and tear-resistant cable	flat frequency response
VT506	Lavalier Mic	Omni	<ul style="list-style-type: none"> • Broadcast • Stage • Film 		high frequencies lifted up
VT506WATER	Lavalier Mic	Omni	<ul style="list-style-type: none"> • Broadcast • Stage • Film 	same cable as the VT506 but a waterproof head	high frequencies lifted up
VT506WA WATER ADVENTURE	Lavalier Mic	Omni	<ul style="list-style-type: none"> • Broadcast • Stage • Film 	same head as VT506WATER, but sweat-, cut- and tire-resistant cable	high frequencies lifted up
VT401	Lavalier Mic	Omni	<ul style="list-style-type: none"> • Studio • Broadcast 		standard sensitivity
VT403	Vocal Lavalier Mic	Omni	<ul style="list-style-type: none"> • Broadcast • Stage/Film • Singing 	3-wire microphone, also for singing, 136dB SPL	high sensitivity
VT403WA	Vocal Lavalier Mic	Omni	<ul style="list-style-type: none"> • Broadcast • Stage/Film • Singing 	same as VT403, but a waterproof head and sweat-, cut- and tire-resistant cable	high sensitivity
VT100	Lavalier Mic	Cardioid	<ul style="list-style-type: none"> • Noisy surroundings 		
VT106HOF	Lavalier Mic	Cardioid	<ul style="list-style-type: none"> • Broadcast • Stage/Film • Singing 	can be used in demanding production environments	high open frequencies
VT DUPLEX	Headworn Mic	Omni	<ul style="list-style-type: none"> • Broadcast • Stage • Conference 	high sensitivity capsule, very thin neck part, easy to adjust, high wearing comfort, available in two sizes	high sensitivity
VT DUPLEX VOCAL	Vocal Headworn Mic	Omni	<ul style="list-style-type: none"> • Broadcast • Stage/Film • Singing 	masters also high sound pressure and has a very low inherent noise, easy to adjust, high wearing comfort, available in two sizes	high SPL (136dB)
VT DUPLEX CARDIOID	Head Worn Mic	Cardioid	<ul style="list-style-type: none"> • Presentations • Speaker/Moderation • Stage 	clear and open sound pickup and high sensitivity	high sensitivity

Model No.	Product Typ	Pattern	Application	Special
VT700	Head Worn MIC	Omni	• Stage/Film	high sensitivity capsule, discreet 2.3mm neck part, the perfect way between robust and discreet, strap for size adjustment
VT701MKII	Head Worn Mic	Omni	• Broadcast • Stage • Conference	high sensitivity capsule, very thin neck part, easy to adjust
VT720W	Head Worn Mic	Super Cardioid	• Aerobic and outdoor	robust adjustable neck part, waterproof mic head
VT800	Head Worn Mic	Cardioid	• Speaker/Moderation • Stage	high sensitivity near speech capsule, discreet 2.3mm neck part, the perfect way between robust and discreet, strap for size adjustment
VT SWITCH	Head Worn Mic	Omni/Cardioid	• Stage • Presentations	detachable capsule, screw system
VT901MKII	Earhanger	Omni	• Conferences • Stage	easy to wear, ultra thin gooseneck, self adjusting at ear
VT910DC	Earhanger	Omni	• Conferences • Stage	bigger capsule than VT901MKII, gooseneck over ear
VT760MKII	Headworn with Earpiece	Omni	• Broadcast • Communication	combination of VT700 and one VT600, strap for size adjustment
VT860MKII	Headworn with Earpiece	Cardioid	• Sport Presentations • Noisy surroundings	combination of VT800 and one VT600, strap for size adjustment

Model No.	Product Typ	Size	Application	Special
VT1126	Phantom Power	54x20mm	• Mic connection to mixers and recorders	internal batterie for phantom power

Model No.	Product Typ	Application	Special
VT610	Standard Earpiece	• InEar	
VT600	High-end Earpiece for Speech	• InEar	particular clear speaker, cable and short tube all straight
VT600C/H	High-end Earpiece for Speech	• InEar	same style like VT600 but with a long coiled tube
VT600D	High-end Earpiece for Speech	• InEar	detachable tube
VT600T	High-end Earpiece for Speech	• InEar	same stye like VT600 but with coiled part in the cable
VT602	Stereo Earpiece for Speech	• Stereo InEar	stereo version of VT600
VT60M	Ultra small earpiece for speech	• InEar	ultra small earpiece, speaker disappears in ear, perfect sound



Swiss precision for excellent audio quality

VOICE TECHNOLOGIES

20 YEARS
Swiss Precision

VT Switzerland manufactured by:

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