



Tinnicur®

Tinnitus testing and auditory training



Tinnitus-Treatment System

- ⇒ Customized Training for Every Client
- ⇒ Competent Support from a Qualified Trainer
- ⇒ Treatment from the Comfort of Home
- ⇒ Helps You Help Yourself without any Side-effects
- ⇒ Learn how to Overcome Tinnitus Step by Step



What's the secret behind the Tinnicur® System?

Close to eight million individuals in Germany alone suffer from tinnitus. Only about six to eight percent of those who are acutely affected are able to successfully eliminate the disruptive ear noise through traditional treatment. In the remaining cases those suffering from tinnitus become “therapy resistant” at some point; they are now supposed to learn “to live with the noises produced by tinnitus.”

This is where the Tinnicur® System comes in - it helps you help yourself.

In the first step, a trainer works with the client to identify the exact parameters of the noises they perceive and to reproduce them audibly – with an accuracy of 100 Hz in frequency. In doing so, the tinnitus patient is often able to make clear for the first time what has afflicted them the entire time to those close to him or her (family, husband/wife).

The second step builds on this exact reproduction of the ringing in the ears with individual training: The volume, pitch and laterality determined by the Tinnicur® 4000 are programmed into the client's device and are prepared for the treatment. The client then listens to classical music in which narrow band signals that are strongly modulated and amplified at the tinnitus frequency that was previously calculated are played from time to time.

Through the help of this special treatment with music, the tinnitus sufferer learns to ignore the disruptive noises or finds them increasingly less burdensome. In doing so, the tinnitus gradually becomes more bearable or seems quieter. In many cases a shift in the tinnitus to a more pleasant frequency range is reported, one in which the sound can hardly be noticed.



How does the training work?

The client can listen to the music with the personalized tinnitus sounds anytime at home. As this music training is designed to be a long-term treatment, it should be carried out for at least three to six months in order to achieve lasting success.

To minimize the risk of potential deterioration, treatment often takes place over several years.



Tinnitus – A longing for lost sound?

New prospects for those with tinnitus

After an ear operation that restored a proper part of her ability to hear, Rosemarie K. noticed a new and rather unpleasant phenomenon: whenever she was under particular stress or experienced relaxing situations (for example before going to bed), a shrill roaring, or whistling, sound would set in. The sounds continued to exist when Rosemarie K. covered her ears as well.

Visits to several specialists led to a series of medical treatments including the administration of infusions, medication to improve circulation, and hyperbaric oxygen therapy. Acupuncture also didn't provide the hoped for relief from the ongoing and disruptive sounds. After a number of months Rosemarie's specialist declared that she was "therapy resistant" and that from now on she had to make an effort to "simply learn to live with the noise."

According to the Green Cross close to eight million people in Germany – to different degrees of affliction – have the same story as Rosemarie K. The unwelcome noise from tinnitus develops into a stress factor that can lead to the inability to work and make life unbearable for those affected.

A particularly advanced specialist from her area told Rosemarie K. about an innovative form of treatment for tinnitus that – under repeated medical supervision – individuals can carry out to a large extent by themselves.

First, Rosemarie K. had the noises caused by tinnitus re-created at a specialist's medical office with the help of a special diagnostic device (Tinnicur 4000). With medical assistance she adjusted the signal type and volume until the audible tone of the noise in her ears had been replicated. Rosemarie K. then received a training device programmed with this data to bring home. She used the device daily to listen to mainly classical music that had been filtered and transformed based on the sound data that had been determined beforehand to correspond to the noise in her ears.

A phenomenon that physicians call "organ memory" is the foundation of this form of treatment: with every decade of life a person's ability to hear diminishes due to age from the upper limit of human hearing by approximately 2,000 hertz. This means that a healthy fifty-year-old, under typical development, can still hear up to about 10,000 hertz. As this occurs, the audible and useful information from the ear's "hair cells" is missing at some frequencies. The hypothesis is that the central auditory processing now starts to "make up" the respective signals in order to recreate the missing information as ringing, roaring, or hissing. This phenomenon could be compared with what is referred to as phantom pain after the amputation of a limb. It could be said then that this development is a "longing for lost sounds."

Tinnicur® 4000 and Tinnicur® 600

*The Tinnicur system can be leased, rented, or financed -
Please contact us for more information.*

Pro Set T 4000 with Case Art.-No. 8216-SET

Included:

Tinnicur® 4000 (professional unit) incl. power adaptor, manual, cinch cable Art.-No. 8201
Tinnicur® programming cable Art.-No. 8213
Tinnicur® amplifier (incl. cable) Art.-No. 8214
Tinnicur® set of 4 headphone jacks Art.-No. 8215
Special case for Tinnicur® (incl. power adaptor) Art.-No. 9034-Set
Stereo-headphones MT-70 (2 pieces) Art.-No. 7961
Brand CD player Art.-No. 8010
CD „Bach for the morning/Händel for the evening“ Art.-No. 8011E

Client Set T 600 with Case Art.-No. 8217-SET

Included:

Tinnicur® 600 (client unit) incl. power adaptor, manual, cinch cable Art.-No. 8202
Training case Tinnicur® Art.-No. 9054
Tinnicur® quadruple-headphones-booster HA 4 Art.-No. 8218
Stereo headphones MT-70 Art.-No. 7961
Brand CD player Art.-No. 8010
Audio cable Art.-No. 8320
Adaptor jack stereo Art.-No. 8311 (3 pieces necessary)
Cinch jack to 2x cinch divider Art.-No. 8339
CD „Relax with the Classics“ A Art.-No. 8011A

Training Material

CD „Relax with the Classics“ A Art.-No. 8011A
CD „Relax with the Classics“ B Art.-No. 8011B
CD „Relax with the Classics“ C Art.-No. 8011C
CD „Relax with the Classics“ D Art.-No. 8011D
CD „Bach for the morning/Händel for the evening“ Art.-No. 8011E

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