

“Love Detect” Voice Analysis Technology

What is It and How Does It Work?

The voice analysis SENSE technology behind LOVE DETECT sprang directly from the need for personal safety as well as national security. Because these are two of the most important issues of our times, creative scientists sought out various solutions.

Amir Liberman, an Israeli mathematician and founder of Nemesysco Ltd., first launched his groundbreaking voice analysis tool in 1997. This first product immediately proved it's worth during criminal and terror investigations. Growing from these early roots, the third generation of commercial voice analysis SENSE products, including Love Detect, recently became available for use by the general public.

Although designed for entertainment purposes, the commercialized public version of Sense voice analysis technology is based on powerful security oriented technology. Powered by the patented LAYERED VOICE ANALYSIS (LVA) software engine, Love Detect effectively determines whether your Love-Interest feels the same way you do by analyzing their voice patterns.

How Brain Activity Reflects the Feelings Behind The Words

Technically it's slightly misleading to use the term “voice analysis”. **Brain Activity Analysis** might be a more accurate description.

Voice patterns reflect the internal thought-process, or “brain activity”, as it takes place during general conversation or direct questioning. Because of the extreme complexity of the vocal mechanism, our brain monitors it very closely. As our thoughts change our voice patterns change. LOVE DETECT actually measures and categorizes these patterns.

For example, if we get excited, our speech generally speeds up. When we think hard, or have a logical conflict, our speech slows down due to the need for more time to mentally prepare what we say.

LOVE DETECT monitors a wide spectrum of “Brain Activity States” including excitement, confusion, stress, concentration, anticipation, and whether information is shared willingly or not. Willing or not, an in-depth view of the speaker's range of emotions reveal themselves, including those relating to “love”.

How Do They Really Feel?

- A shy man desperately wants to know if the new girl he just met at work is attracted to him or is just being friendly.
- After a few dates, most women want to know if their new guy still loves his last girlfriend. But she really wants to know if she's taken that girlfriend's place as his new love-interest.
- As romance builds and love blossoms, a wealthy man wonders if his beautiful new girlfriend really cares for him or just loves his bank account. (Wealthy women wonder the same thing)

Any of these situations might cause your date or lover to hide their inner feelings. The question then becomes; How do they really feel about me?

Fortunately, LOVE DETECT cuts straight through to the heart of the matter revealing the true feelings of your love-interest.

Measuring Love takes Special Tools

We already know that LOVE DETECT SENSE technology analyzes the underlying brain activity revealing the true feelings and emotions of the speaker. Amazingly enough, this all takes place during a simple 2 to 6 minute telephone conversation.

Here's how...

The SENSE technology contained in LOVE DETECT takes these steps in order to analyze voice patterns...

1. The measurement process listens for local micro-high frequencies and low frequencies, specifically searching for changes in these frequencies within the voice sample.
2. By sampling a precise frequency spectrum contained in the voice sample, analysis takes place.
3. An emotion free baseline profile of the speaker gets created using the data collected in the previous steps.
4. Then SENSE compares new voice segments against the baseline profile and generates the analysis.
5. Finally, the voice segment data gets evaluated for emotional activity. A comparison to previous data then determines if high emotion was constant.

If high concentration, low embarrassment, and high emotion present themselves during the entire conversation, LOVE DETECT notifies you immediately. **Love** is detected.

The Type of Conversation Matters

LOVE DETECT works best during a free flowing general conversation, like you would have with a friend, boyfriend, or spouse. The words spoken don't matter. In fact, there isn't any need to interrogate or ask direct questions like "Do you love me?"

Love Detect uncovers the hidden "emotional voice fingerprints" broadcast by the brain during a simple telephone conversation.

Why Not Just Use a Lie Detector?

Although you could use a lie detector, or polygraph, in an attempt to find out if someone loves you, that technology has a couple of severe restrictions not faced by LOVE DETECT voice analysis technology. A lie detector, or polygraph, only measures physical changes brought on by the perception of threat, often called the "Fight or Flight" response. This requires two things to ensure accuracy of the test.

Two Negative Requirements...

- One - you need a skilled operator to administer the test.
- Two - your subject must either be willing to participate, or forced to.

During the "Flight or Fight" response, the human body reacts to threat, excitement, conflict, and yes, even pleasure in much the same way - preparing for action. This generalized reaction makes the polygraph a perfect tool for some applications, but in real time love detection, it's got some real disadvantages. First, it can't clarify a situation past a yes/no answer in response to specific questions. Secondly, the process assumes the question isn't associated with any other unrelated emotions as well.

On top of all that, a polygraph test takes at least 90 minutes and costs a minimum of \$500. And if that isn't enough already...

Even more limitations include...

- The subject must be in good health with no aches or pains of any type
- The subject can't have a headache during the test
- Pain medication interferes with the test
- If prescription drugs are being used, a doctor must be consulted first.
- Pregnant women can't be tested
- Limited in function to working with an already prepared questionnaire of yes/no answers and based on facts available to the polygraph examiner at the time.

Simply put, these limitations restrict the flexibility to the point of making it useless for love detection.

Take Control of Your Love Life Right Now

On the other hand, LOVE DETECT SENSE technology works accurately during a 2 to 6 minute phone conversation. Not only that, the person you're analyzing for "love" never knows they are being tested unless you tell them.

Love Detect fills an important need in a unique way. It analyzes free form telephone conversations for the "Level of Love" without your significant other's knowledge.

It's powerful 3rd generation technology proven more than 90% accurate by Dr. Guy van Damme, former associate professor – University of Durban Westville. Dr van Damme actually tested the first generation product in 1997 finding it to be more than 90% reliable in truth detection at that time. As a long practicing polygraph operator qualified in forensic psychophysiology since 1982, he was uniquely qualified to test this technology.

Love Detects' powerful 3rd generation technology has been upgraded and refined working at a 96% accuracy level now.

Give [Love Detect] a try today; it's easy, inexpensive, and accurate.