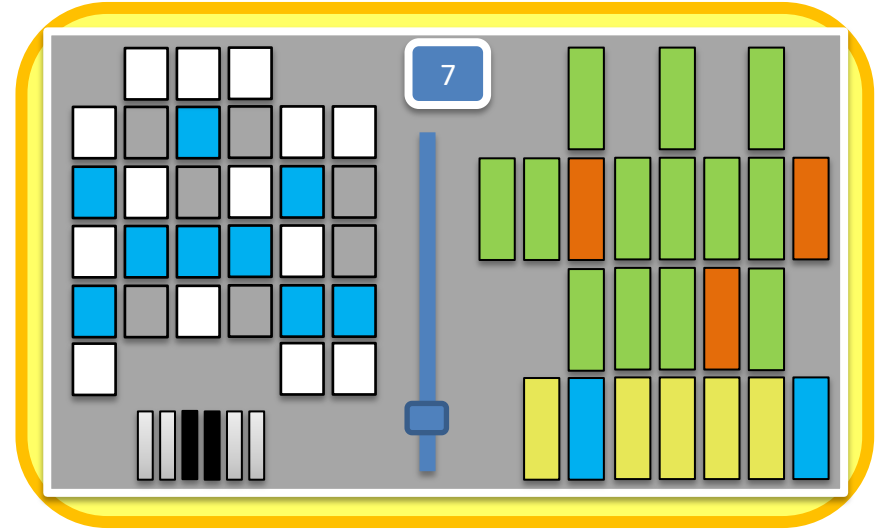# Vento Project

The Musical Computer

- Complete

- Innovative

- Amazing

(!)

An old dream comes true

People like music. Most of us enjoy listening to some kind of music.

It is natural that we all like the idea of playing an instrument. "It would be a lot of fun… to play songs well!"

But reality strikes… it is difficult, is it not?

Now … what if music playing is difficult no more? What if you could perform your favorite songs all by yourself with ease? That would be great, would it not?

In all truth, most people do not play because… it takes too long. Reading music is hard. Musical instruments are demanding. You need… time. Who has time to spare these days?

"I would need to play 3 different instruments - just to do my thing" - you might say. Well, forget it…

There is another problem: Reading and writing music is difficult as well; it requires considerable time and dedication to be good at it.

Let us change all that. We can… The Musical Computer.

• Play one instrument. Play ALL instruments. Add vocals. Instruments are easy to play. Read music. Write something. It is a breeze!

• You say "Ooh… it sounds like REAL music. I can play. This is great. I cannot believable this!"

• Yes, The Musical Computer enables you to do it all in the world of music, easily and effectively. It is simply… AMAZING (!)

Vento Project   Background

• Vento Project has been in the works for 26 years now; it is a mature project

• The next few slides tells you the story briefly

Vento Project - new musical devices, new musical systems

Since 1990 I have been working creatively on inventions and innovations in the field of music electronics. Today I have reach the point where, based on mature concepts, a number of innovative products may be built and sold in volume around the world successfully.

These products are new-generation music making machines - amazing products that provide a new world of music performance and production to the modern musician - for professionals as well as music lovers.
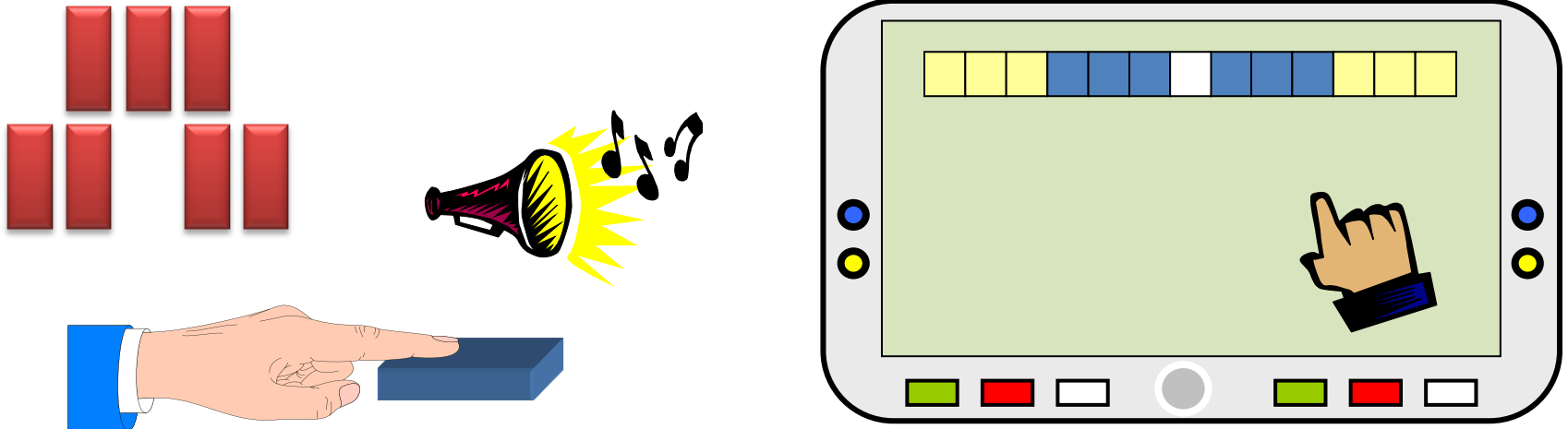
- Synthesizer, MIDI controller, touch-screen computer, musical system

# Vento Project - a prototype and a U.S. patent are available

A prototype on basic inventive concepts is currently available. Finally built in 2006, this working model shows you some of the new and impressive musical possibilities.

Just watch the videos available - it will give you an idea of the new technology and its amazing musical potential.

A patent was granted on behalf of this keyboard system at the United States Patent & Trademark Office. The patent was published under the title Musical Database Synthesizer in May 2001: Patent No. US 6,229,082 B1

The prototype available is hardware …
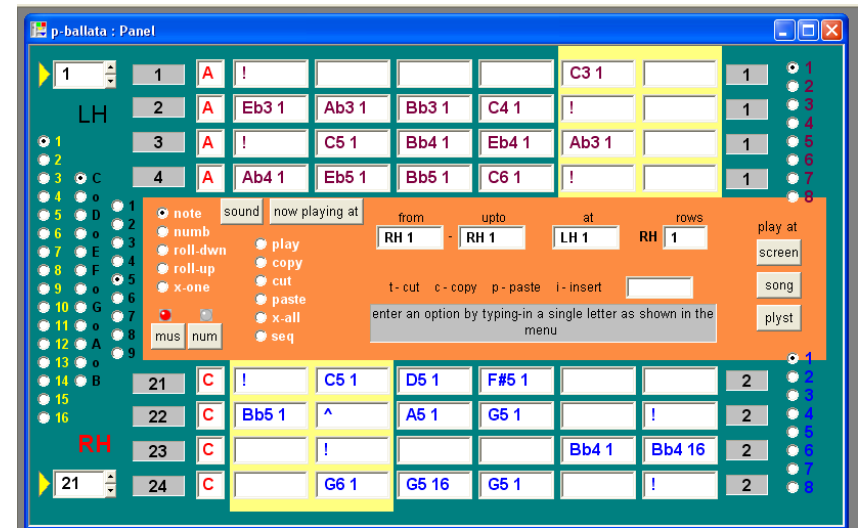
… and software for Windows PC

An innovative music synthesizer

The musical keyboard invention has continued to evolve during later years. Here is an example of a new and simple-looking Vento keyboard. The way it operates, and what it does, is simply … amazing (!)

As you can see it is rather small and portable - like nothing else.

touch display

The new musical keyboard

This keyboard enables the musician to compose and perform music in new ways. It is easy to play. This is an entirely new type of musical instrument. In fact, Vento is in part musical instrument and in part musical computer: It is an innovative musical machine.

Vento Project was reviewed and evaluated by Prof. Dr.-Ing. J. Gausemeier at Paderborn University, Heinz Nixdorf Institute, Germany. In his words: "During the last weeks I have examined the Vento Project and the emerging product ideas contained therein – specially regarding the keyboard. Basically, I do think that you pursue a good idea and that your musical keyboard may certainly find its place into the market.

I find interesting the idea of making music on the basis of patterns and the creation thereof. I can see the potential therein. A keyboard, which implements this idea will surely help some people learn and experience musical instruments and music making – specially those who can better deal with beats and numbers instead of notes."

April 2010

Now ... fast forward to present time: 2017

The Musical Computer
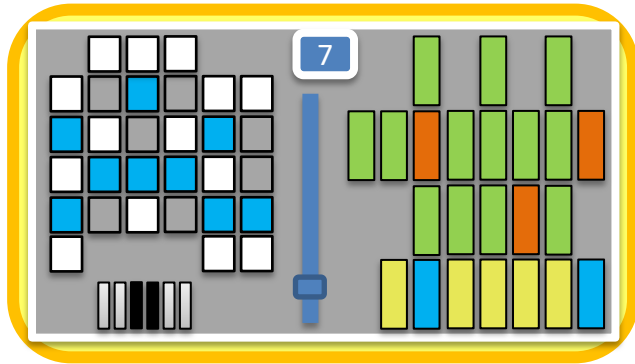
Did you read the documents available in the Vento Project website? If you did, you already know what The Musical Computer is all about.

(!)

Rather than repeating myself in this presentation, I will go through the basic issues again, this time adding colorful illustrations, which will help you better understand.

The Musical Computer

The Musical Computer

A PC-size or TV-size touch computer built for music performance and music production

- A unique multi-touch system: All fingers may play

- TOUCH! Perform music on-screen. Control the system effectively

- Create, compose, arrange any kind of music directly on your computer

- Play new and innovative touch instruments… of all types

- Special instrument inventions enable you to perform easily and comfortably

- You can play vocals too… any vocals… any song

- Your songs will be complete: Play all instrument parts, play vocals, too

- New amazing music notation system - see-touch-hear notes and sounds onscreen

- Create entire songs yourself: Multi-track recording, mixing, editing

- Play piano, violin, saxophone, guitar, drums - any instrument you want

- You can learn to play any instrument - it is easy (!)

The Musical Computer features a LARGE flexible multi-touch display

A truly musical 10-point touch-screen display should allow the musician to do the following: (1) instant-response touch-it play-action; (2) smooth, accurate slide-play action; (3) roll-on play-action with drumsticks or mallets; the display should respond to both fingertips and fingernail touch; response should be very fast - under 2ms.

A display monitor featuring these qualities enables a musician to play new fantastic virtual instruments on-screen - based on key, pad, string, ribbon, and other graphical objects. The exciting new world of touch instruments has finally arrived (!)

- Screen size goes from 23' to 55' inches
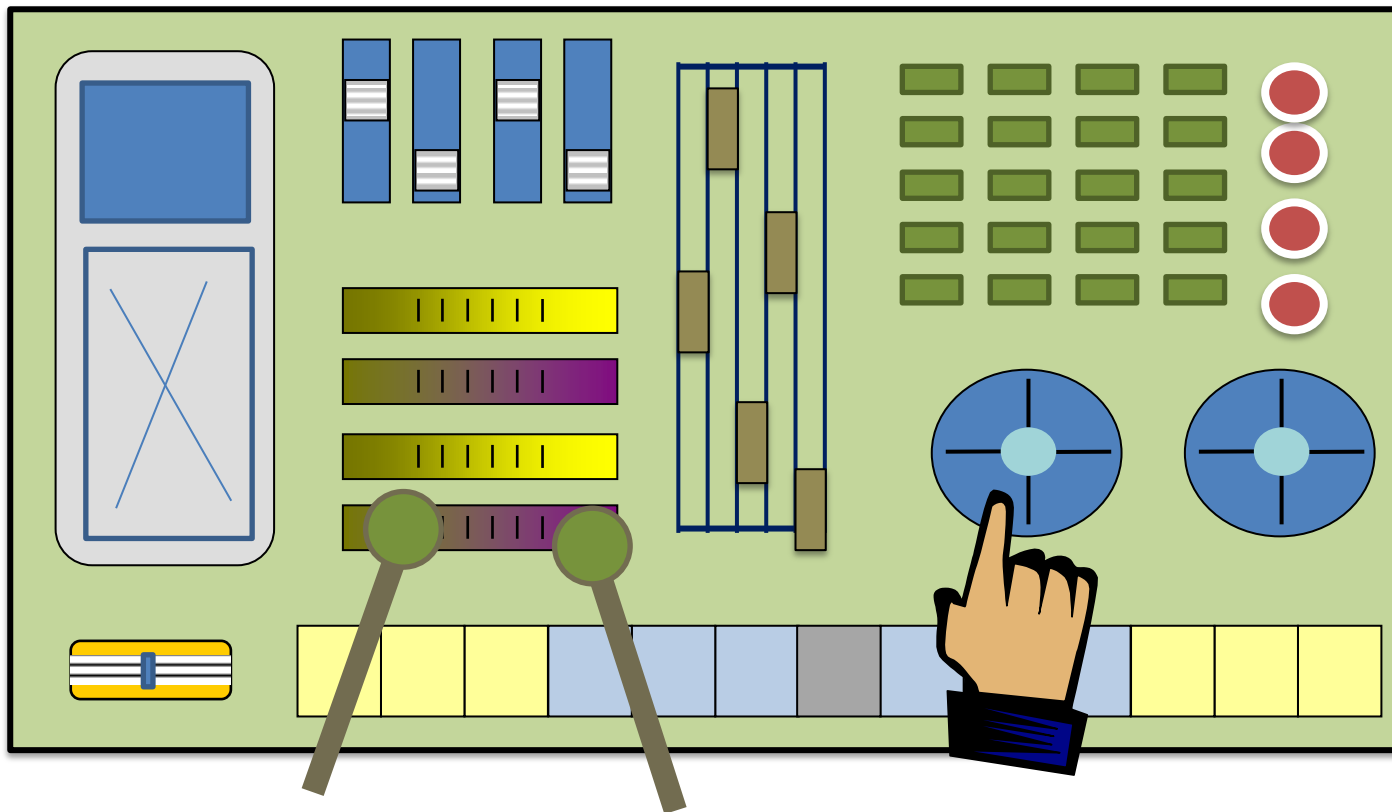
Footer - a unique foot pedal board

This foot pedal board controller is an invention all its own. It enables the musician to generate a musical background when playing live. It is easy to operate: All you are required to do is to play both feet on the pedals in certain ways or patterns. The Vento foot pedal board opens a new world of musical performance and tempo/rhythm control for you.
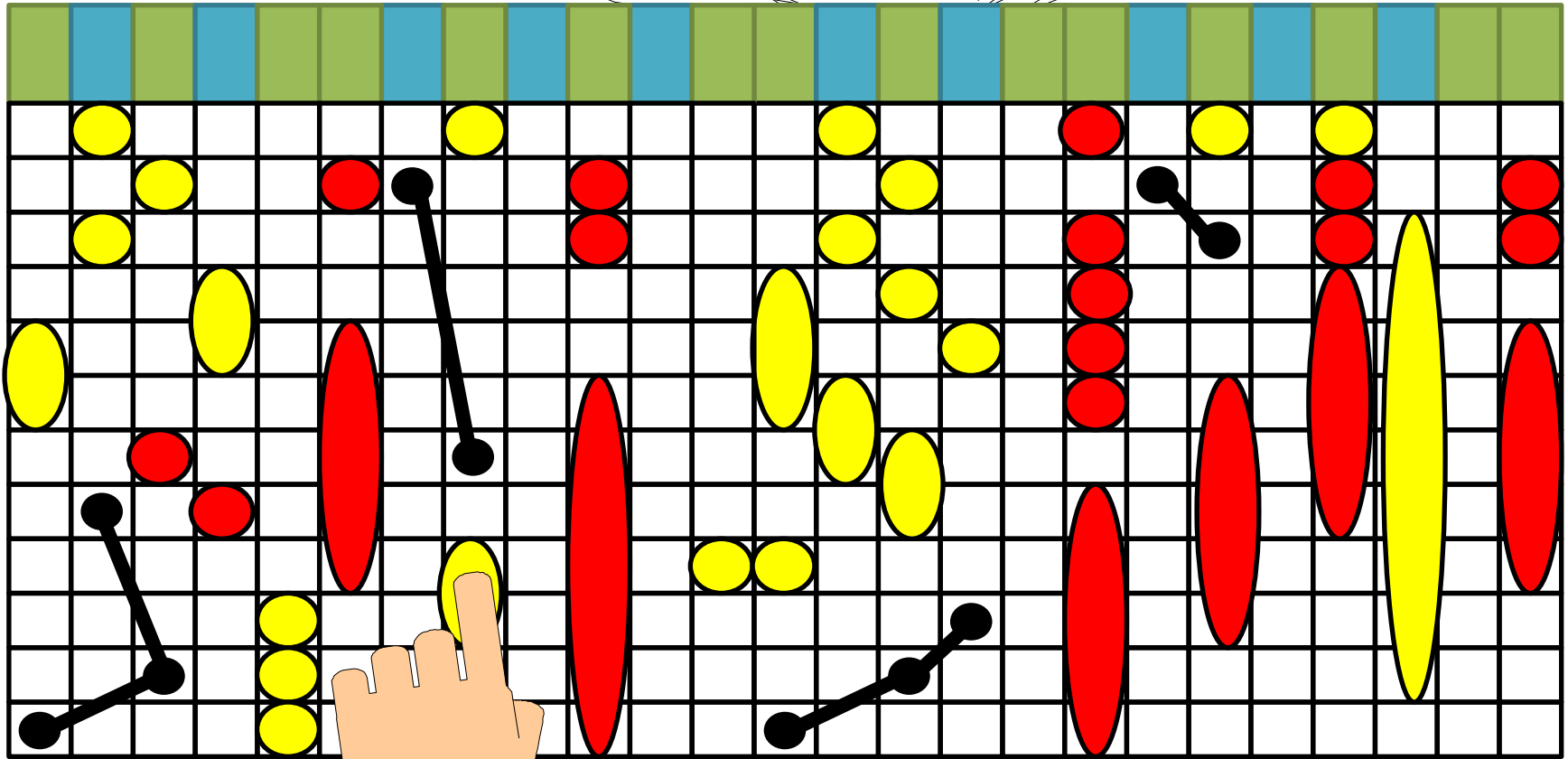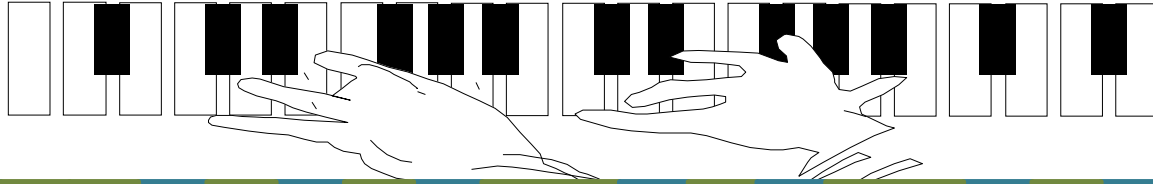
This pedal board is a "must have product", which greatly supplement The Musical Computer. It works wonders...
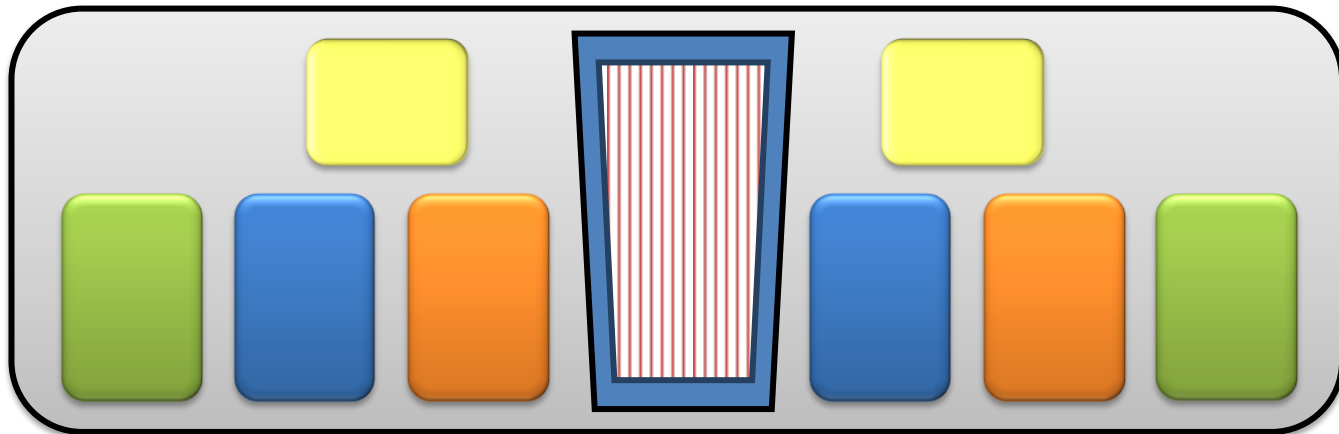
The foot-pedal-board controller

New ideas and concepts - a new type of sequencer

A sequencer based on touch technology running on a big touch computer is … a sensation (!) Play, see, touch, hear… create or edit your music on-the-fly (!)

Visual piano-roll play system

New ideas and concepts - music notation for touch computers

I do not intend to change traditional music-notation, or present an alternative; that is nearly impossible a thing to do. Rather, a NEW notation system for touch computers will address the needs of a new generation of musicians effectively. Touch, graphics, interactivity, animation makes the difference! Notation is highly visual; the system is easy to learn and use.

New concepts in

• music notation;

• music editing;

• multi-tracking;

… and more (!)

• Read-and-write-music easy-made

• A new generation of modern musicians (DJs included) will make music in new and exciting ways with The Musical Computer (!)

New ideas and concepts - vocals

The idea of having an instrument that generates a singing voice under your total control is exciting. No longer will be your songs just instrumental. The king of instruments, the voice has arrived!

Imagine that you could quickly find and download REAL vocal recordings on your favorite tunes in the Internet right away. Well, choose a song, and download the audio recording. Then call the file from within your TMC vocals instrument. Voila... you are all set.

Now play the voice - the vocals - live! Strike a pad (with the appropriate lyrics-text label) and hear the recording event unfolding - a slice (syllable, word, passage)

This is awesome!
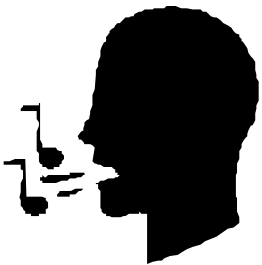
Now you have

• real-time control over the entire sequence - by passages, words, syllables, etc.

• the option of changing key for the entire melody, or part thereof

• the option of changing the pitch in detail - as you play-produce vocals in real time

• the option of deliberately sustaining sound events as you play - adding time and, optionally, effects

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New ideas and concepts - audio-and-music technology

• Synthesizer patches on-demand based on style/type of music

• A smart combination of synthesis and digital audio resources

• Straight, easy, comprehensible multi-track management

• Take full advantage of MIDI and MIDI data-processing versatility

• Work with standard resources, like MIDI song files and digital audio

• Record / play back complete, multi-instrumental songs with no limitations

voice	voice name	volume	pan	routing
1	perc organ 1	65	L10	1,2
2	ac piano lite	92	C	1 + 3
3	ambience drums	70	ST-23	1,2 + 3,4
4	heavy-rock male	100	ST-5	2 + 4
5	orchestral 2	83	R17	3,4
6	Rhodes + strings	74	L6	2,4

# New ideas and concepts - touch computer and foot pedal together

Combining The Musical Computer with The Footer - our foot pedal board - is wonderful. Think about it, the modern-day electronic organ allows musicians to produce songs featuring different instruments. Now this new product will go even further. In fact, your musical composing and performing capabilities will be truly endless. Finally (!)
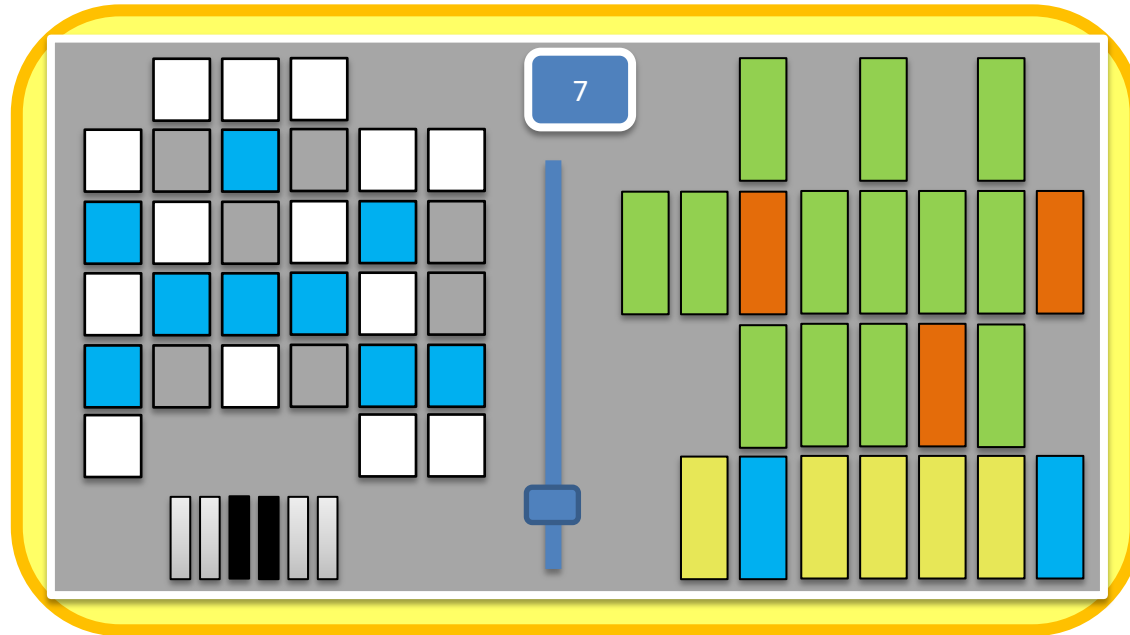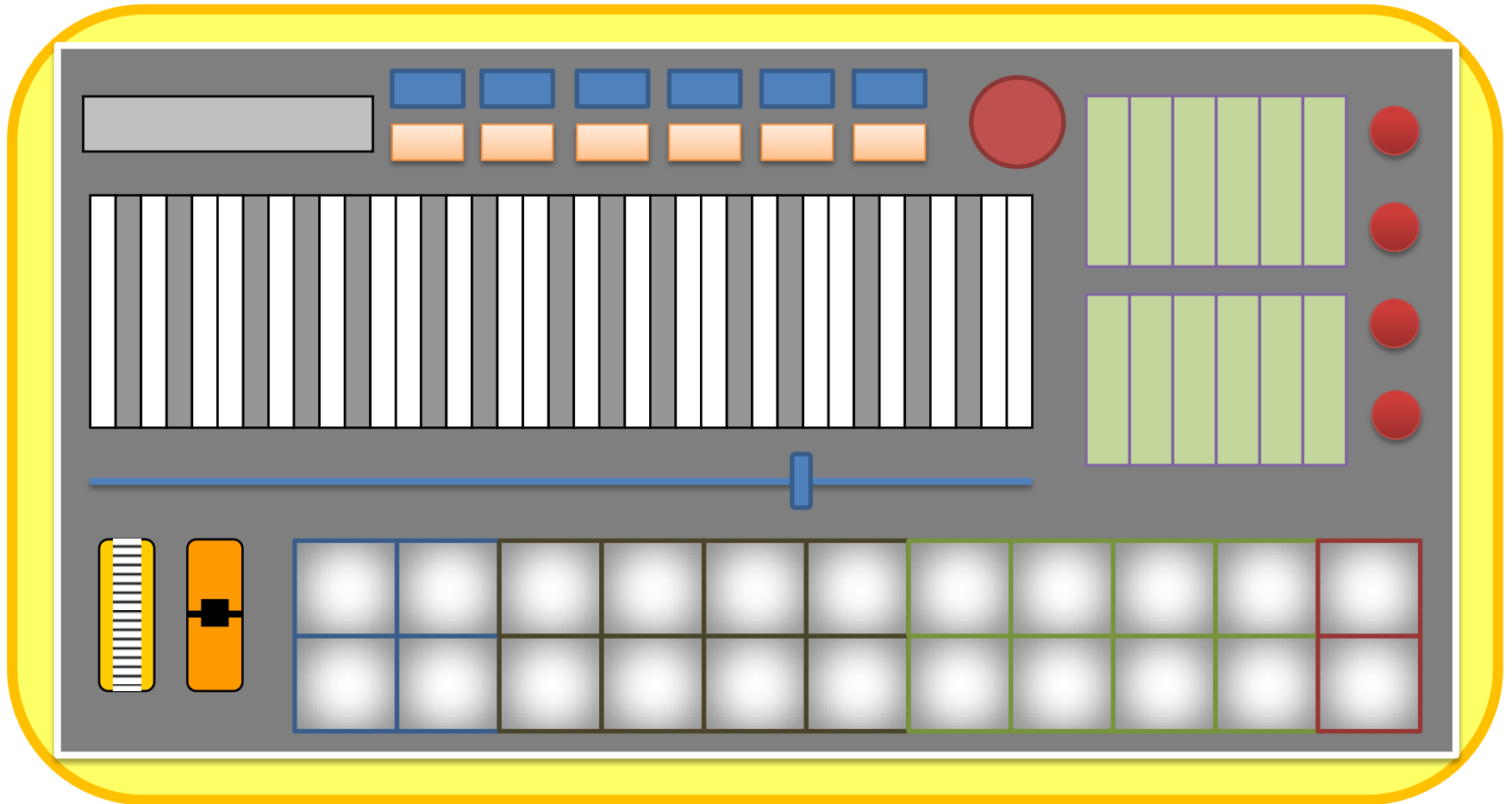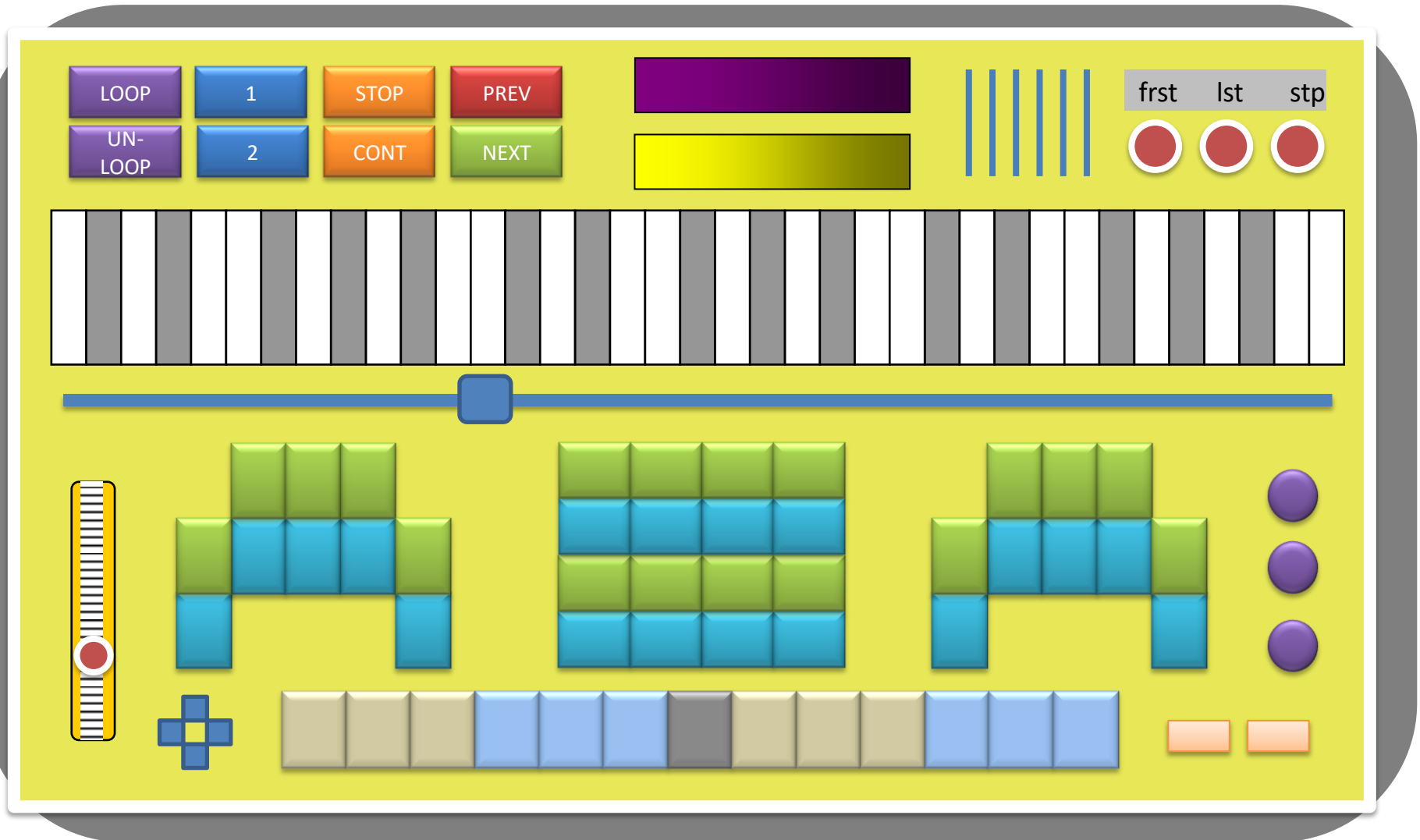
2 great products together
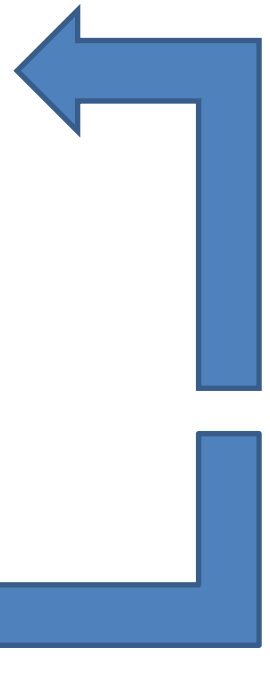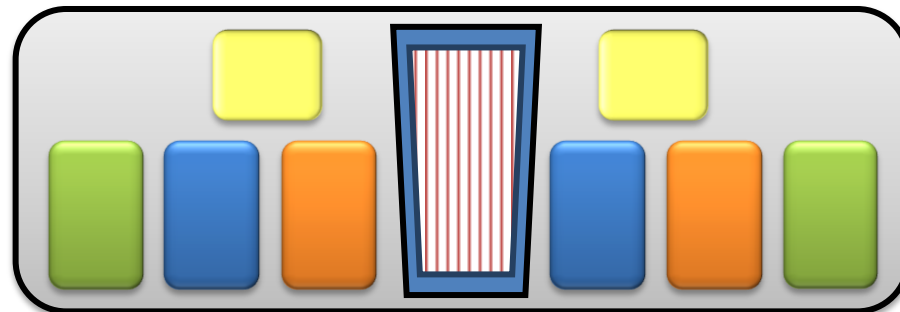
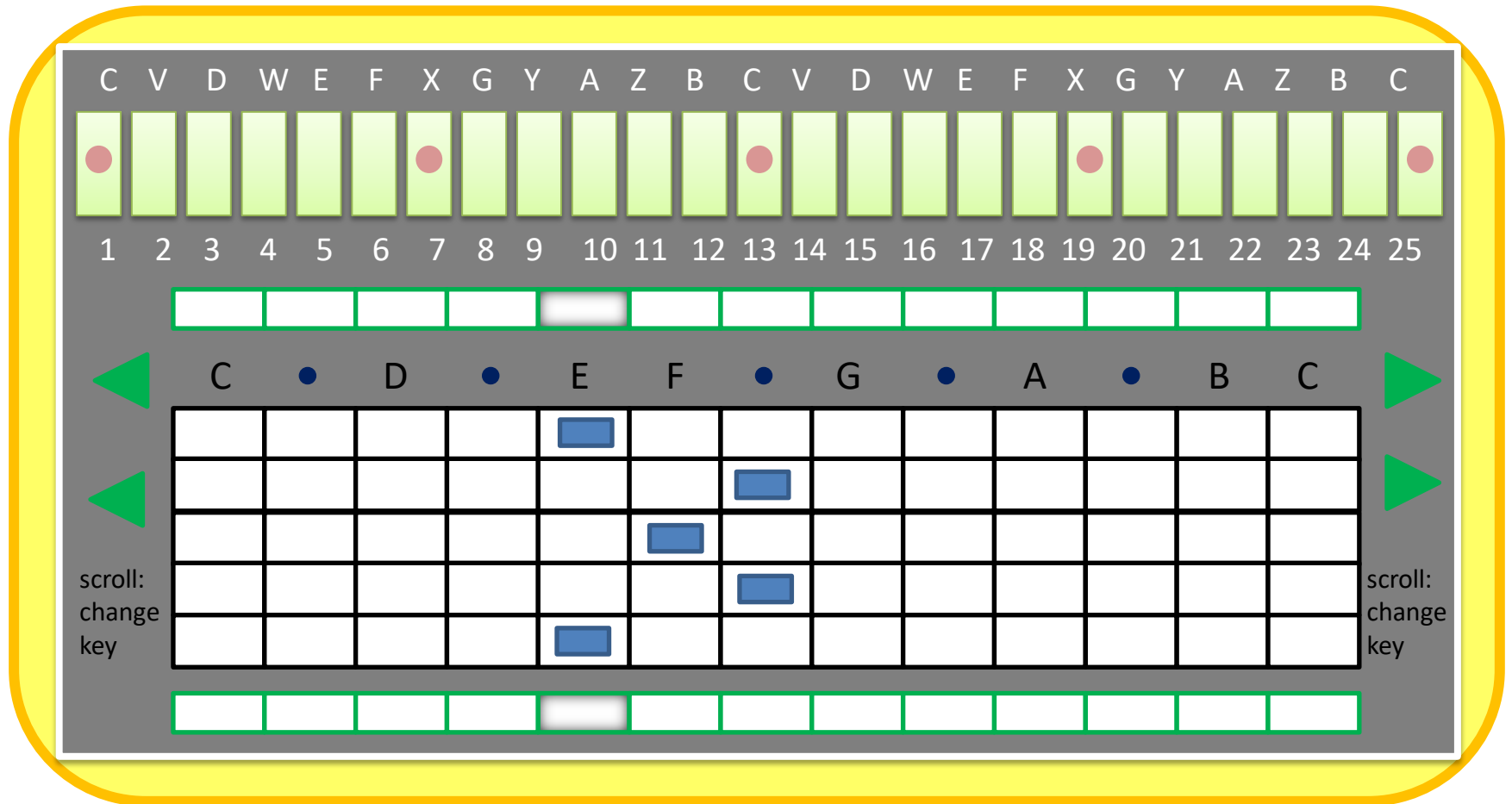# The Musical Computer - our first product
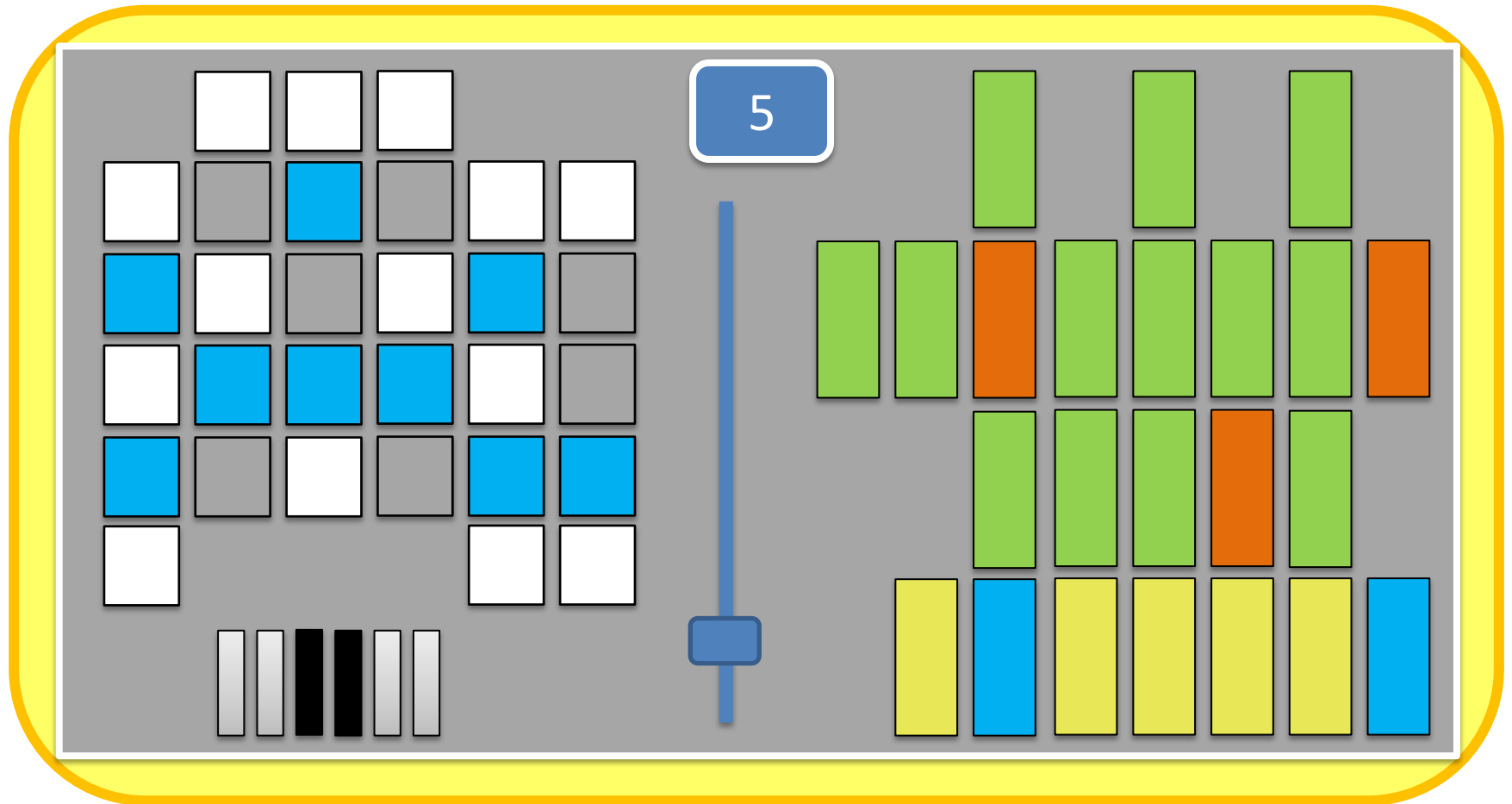
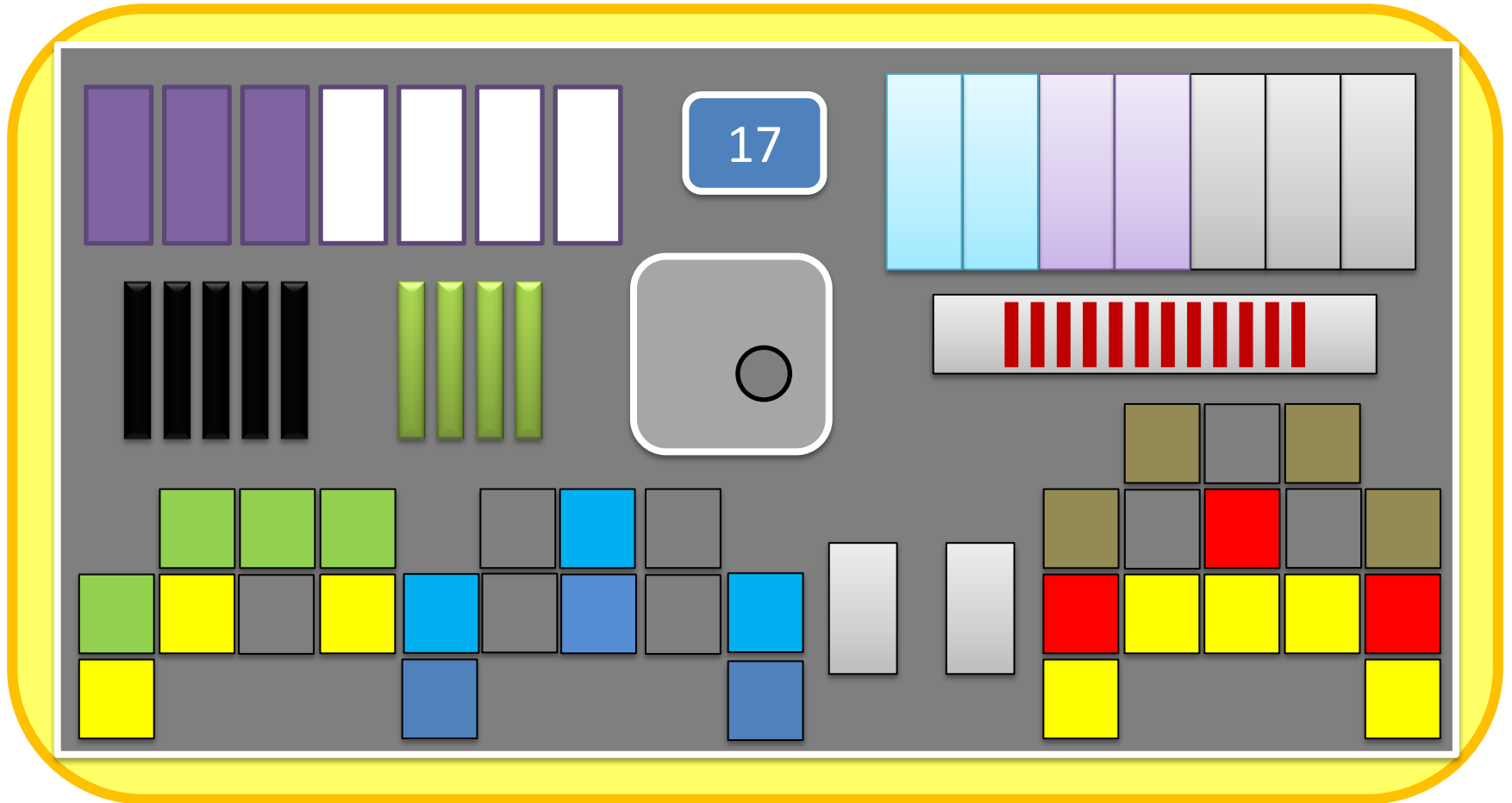# The Musical Computer - our first product

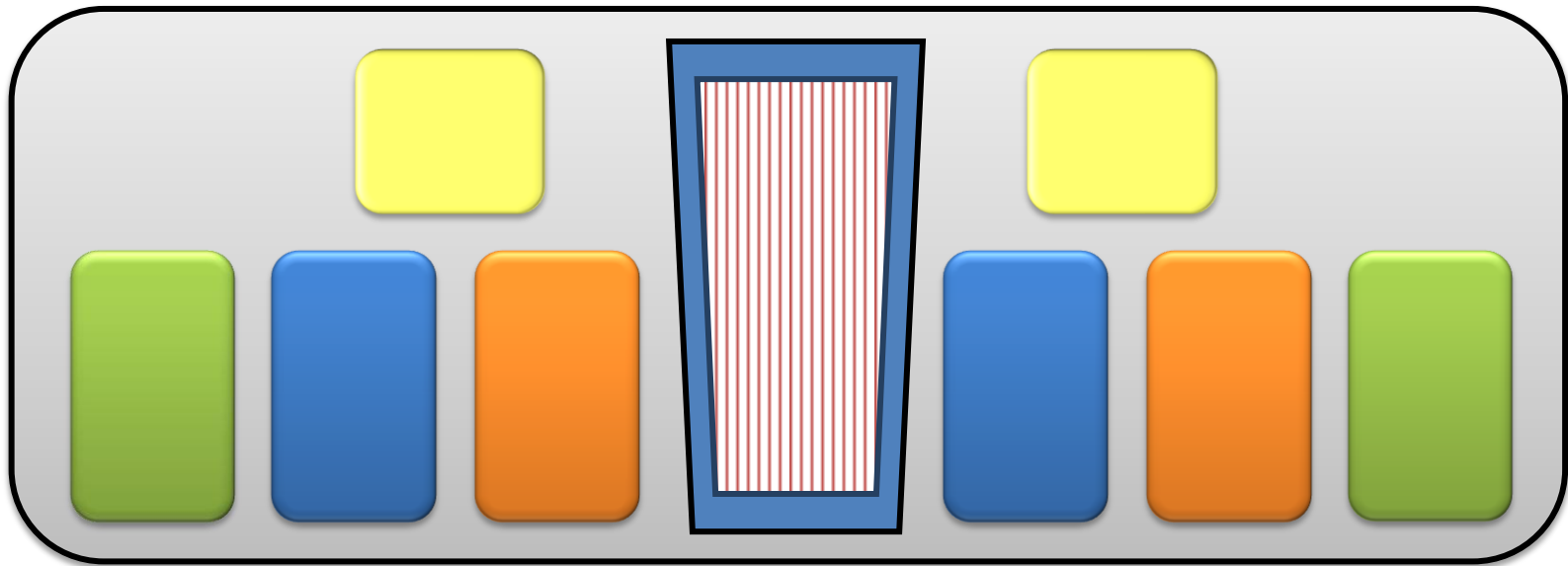# The Musical Computer - our first product

The Musical Computer - our first product

The Musical Computer - our first product

Footer   the foot-pedal-board controller

A new world of musical possibilities - a big touch-computer

Nobody in the industry has yet harnessed the potential behind touch-computers for music-making. All major current-generation music software products available in the market - the likes of Cubase, Ableton Live, Reason, and Finale - are based on the "old-fashioned" mouse-and-keyboard user interface. Compare that to a modern NUI interface: Full-interactive, instant, total control - based on finger touch activity directly on your screen. For musical applications, there is no comparison (!)

For the purpose of recording music in the studio, today systems may be fine; but... for composing and recording, playing and performing... for the musician of tomorrow... a Touch Computer is ... fantastic (!)

Are we going to take advantage of this unique business opportunity?

Think about it for a minute. Apple's iPad well-known Garage Band APP turns the tablet into a musical computer. This was actually the first genuine TOUCH musical computer in the world!

However, we can do much more. The inventive process is just getting started for the NEW multitouch computer generation. Plus, we have to work with a much bigger screen (!)

The future - more possibilities

✓ And the future looks bright too !

• Later on we may expand operations - design, produce, market 2 related fine products:

• **Keyboard controllers -** our own line of MIDI piano controllers - special features - customized for The Musical Computer. Models include 2-octave, 4-octave 76- key and 88-key piano note range models

• **Keyboard synthesizers -** featuring a unique versatile elongated computer display unit - cinema size, form factor 21:9 - multi-touch - and Vento software built in

The future - products for the future

✓ And the future looks bright too !

elongated touch display
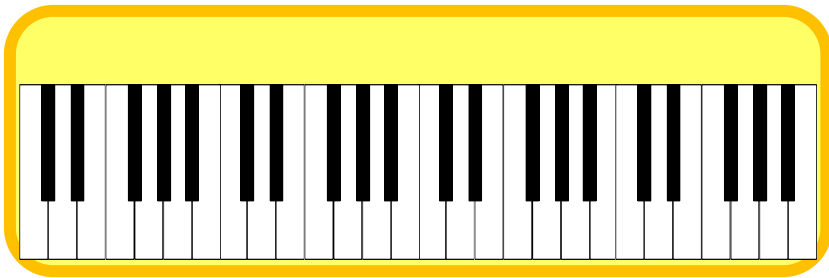
- MIDI piano controllers
  - The perfect companion for The Musical Computer - for keyboard players
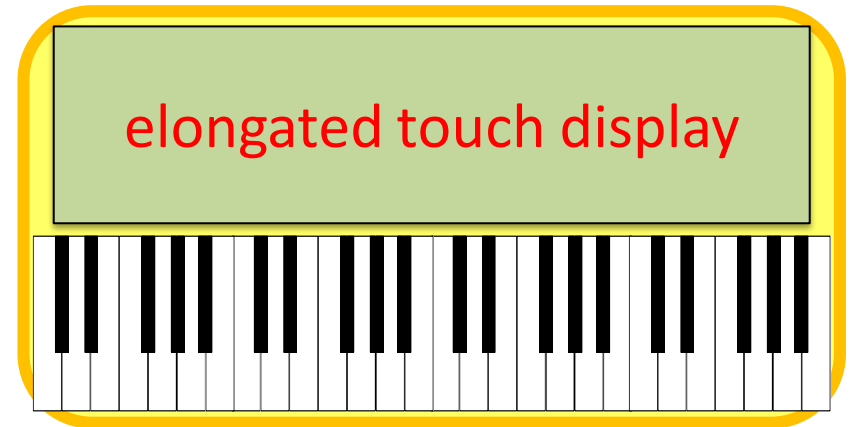
- Keyboard synthesizers
  - New display technology
  - Vento touch software

The Musical Computer + Piano Keyboard combination
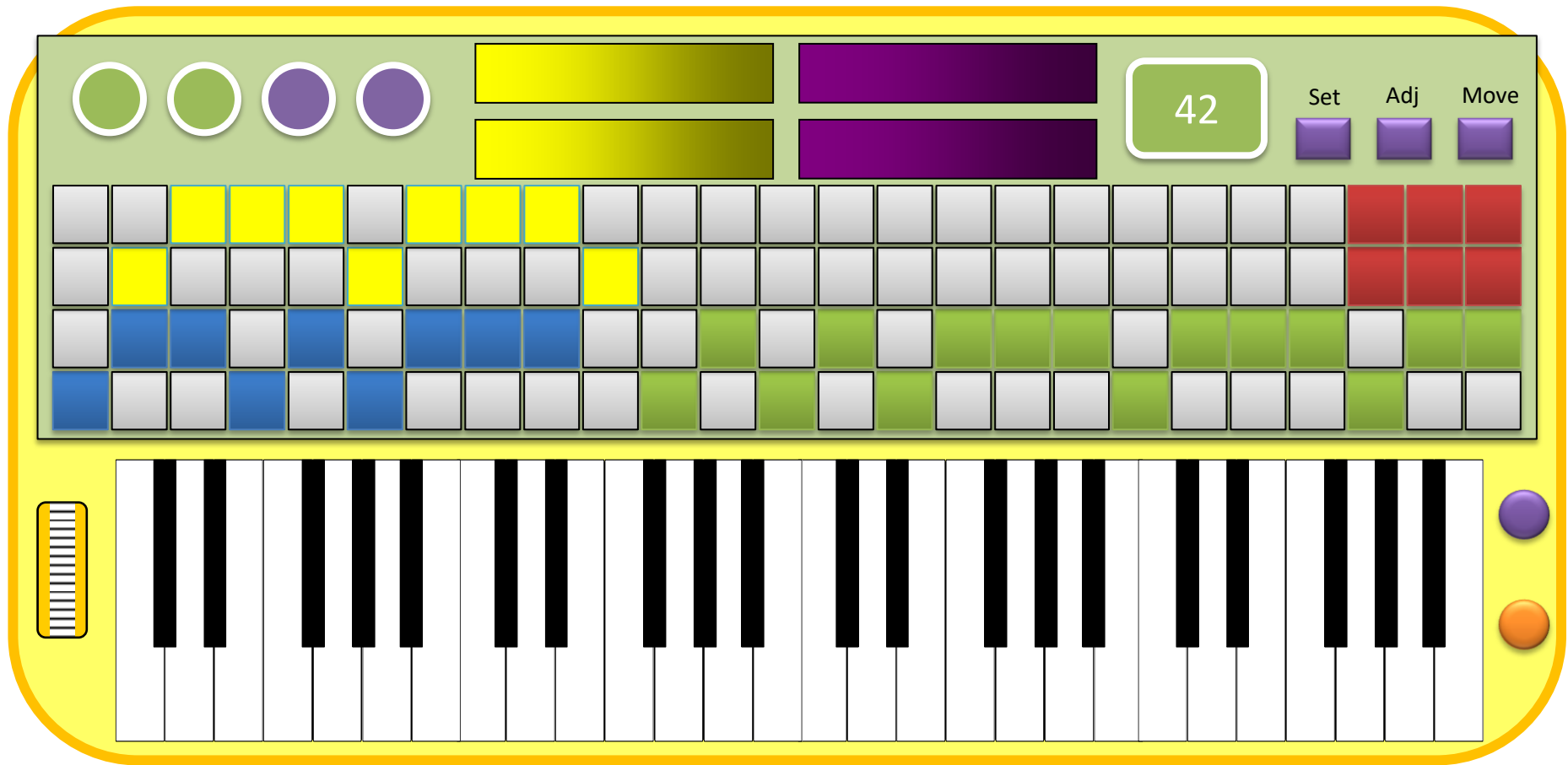
This product will be the breakthrough instrument for keyboard synthesizer players

The Musical Computer + Piano Keyboard combination
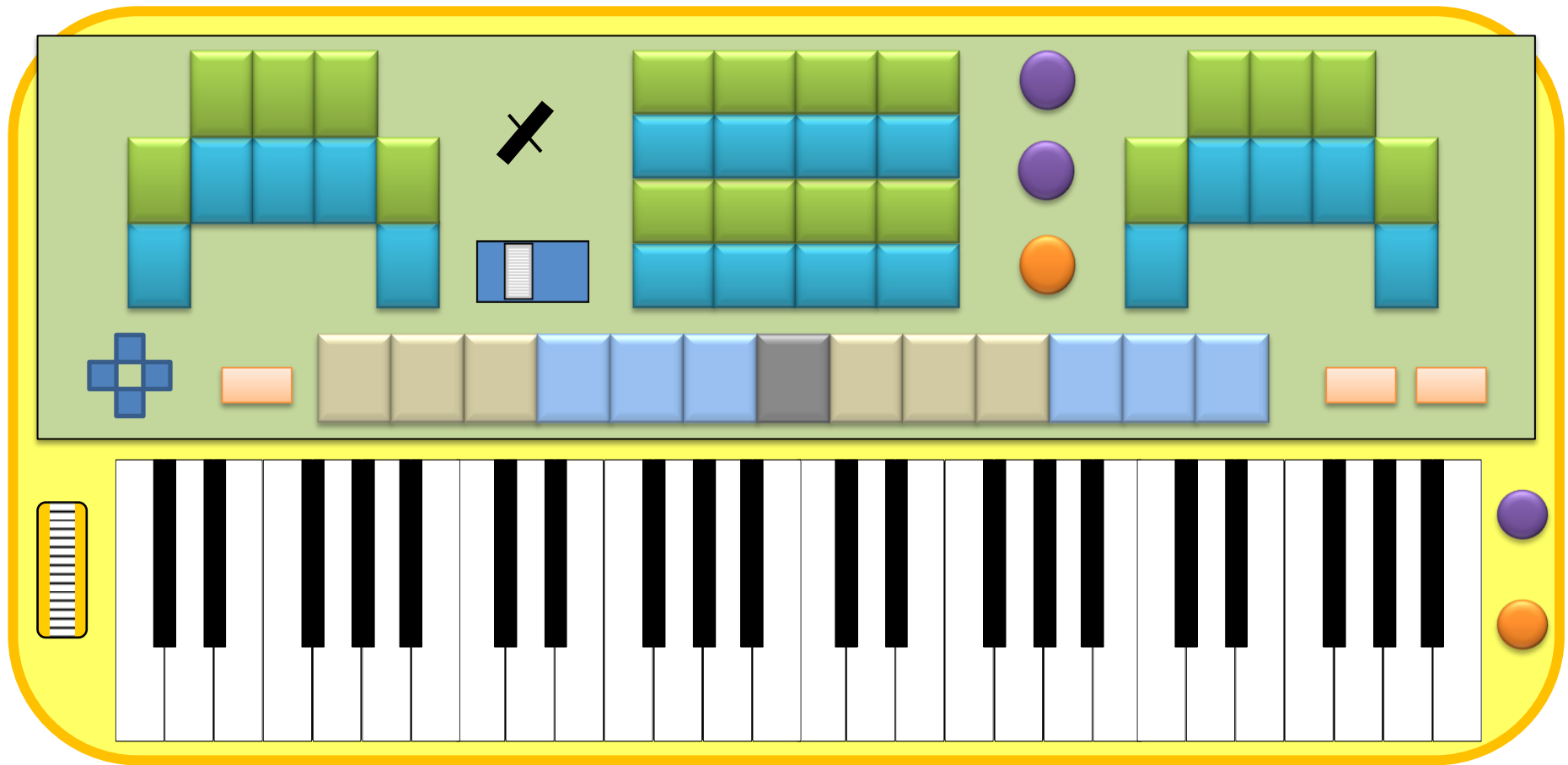
This product will be the breakthrough instrument for keyboard synthesizer players

The Musical Computer + Piano Keyboard combination

This product will be the breakthrough instrument for keyboard synthesizer players

What is a sequencer?

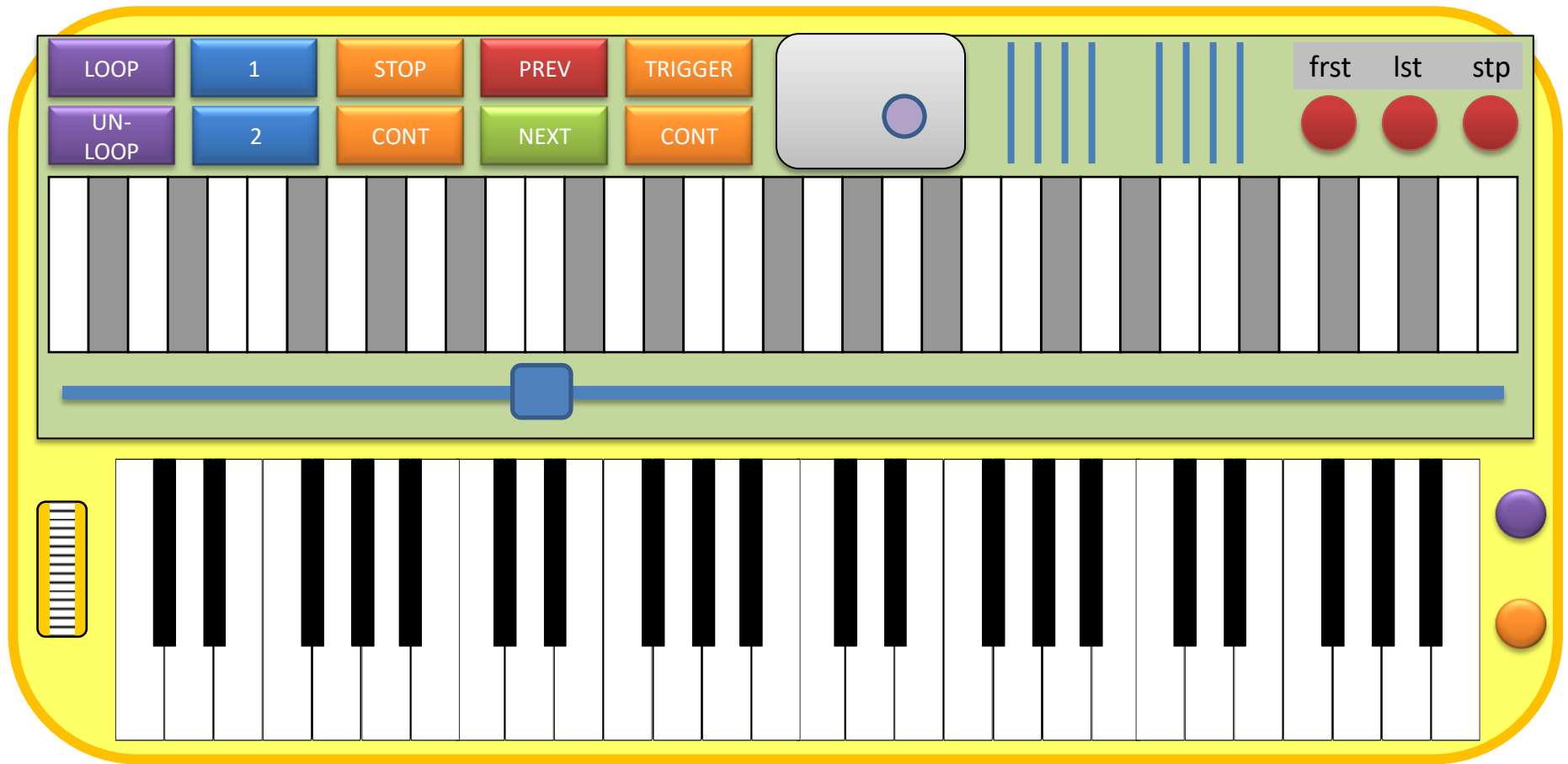• A sequencer is computer data that represents music

• A sequencer represents musical sounds symbolically

• A sequencer is a visual representation of music - a song you write down or play live

• A sequencer is music notation of some kind; it allows you to read and write music using graphical elements on-screen

• A sequencer encompasses one or multiple audio tracks

• A sequencer shows music as a flow of musical events in a timeline

Vento is a new kind of sequencer (!)

• Vento is actually a "play system" … a new system that you can play & perform music with !

• In fact, Vento controllers are fully integrated into the Vento sequencer !

What are Vento controllers?

• Vento controllers are special instruments - driven by the computer - that you use to create-play music in new ways !

• Controllers are easy to play - you play fantastically !

• Controllers enable you to play new sounds any new sound combinations - you will be able to create music that sounds unique - things no REAL musical instrument can do !

Vento musical system: New ways, new methods for music making - easier, faster, better

- Notation system
- Sound system
- Vento controllers

- Vento sequencer

- Musical instruments
  - ✓ real instruments
  - ✓ touch instruments
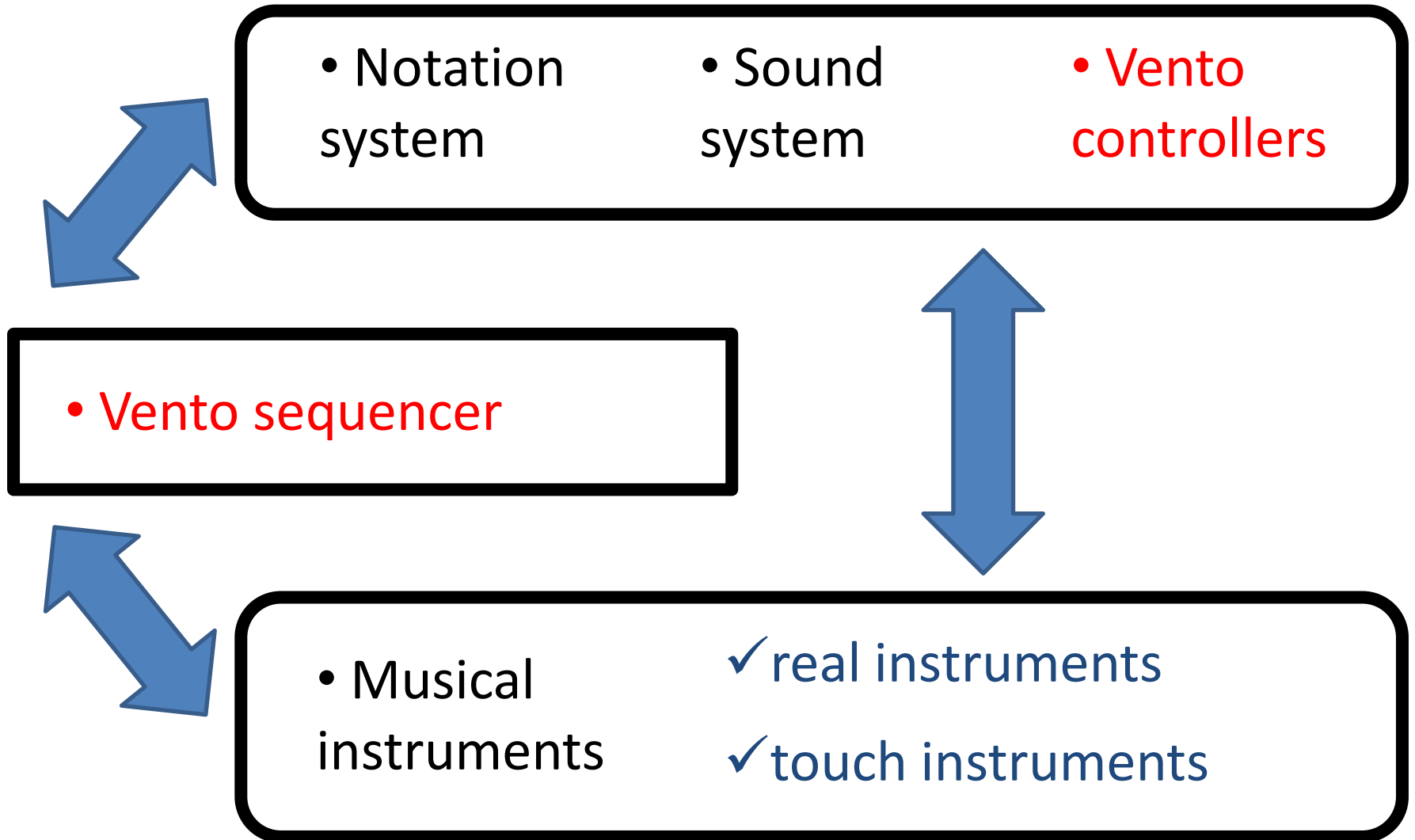
You only need one instrument ... The Musical Computer (!)

3 elements on screen:

- Vento sequencer (text and graphics)
- Touch instrument (one of a set)
- Vento controller (one of a set)

Now you can ...

✓ create: compose & arrange; edit

✓ read and write

✓ play, perform live

✓ record & play back; hear, edit

✓ mix and produce

... your music (!)

T.M.

our brand

Hey, important !

There is an attractive name for our products

… our brand … that I keep secret (!)

Vento is my lifelong work - Hugo Masias

HM

- Creativity and innovation
- Computer, software, music electronics
- Experience living in Peru, USA, Germany

- Address
  Breslauer Strasse 3
  59423 Unna
  Germany

- Email   masias.hugo@yahoo.de

- Home & studio (+49) 2303 9699919
- Mobile phone (+49) 176 98824360

- Vento website
  http://ventoproject.weebly.com

If you cannot reach me on the phone, please send me an email. Sending a short email is the best way for us to get in touch

- Dear investor,

if you want to see a practical example on Vento innovation, please watch the 6 videos available

You will see and appreciate my first keyboard synthesizer invention in action. It speaks for itself

Hugo Masias

- This is an excellent business opportunity (!)

- Dear investor

In my Vento Project website, I have done the best I can to provide you with clear and meaningful information about the product/service while at the same time being cautious not to reveal sensitive information

So please, if you have any question let us get in touch - phone, email, etc. - or let us get together and talk about business in person

Hugo Masias

Musically Yours,

Hugo

Basic education

German School Lima: Alexander von Humboldt - 14 years basic education at school; graduation in 1975

Spanish is my mother language - I speak English and German as foreign languages

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Business management

Universidad de Lima - Business Sciences faculty; Lima, Peru; 6 years studies. BBA degree: Bachelor in Business Administration. Thesis and diploma - 1985. Subjects of interest: business software, project feasibility, marketing

Computer software

Feruniversität Hagen - Computer Science faculty; studies center Mönchengladbach, Germany; 2-year studies: 1981 - 1983. IT foundations - basic concepts, data-processing, programming, databases

Music and piano

Piano & music studies - during the 1980s: Attend private lessons in Lima, Peru; educators: Fransisco Pulgar Vidal and Irene Cremer

During the 1990s: Attend a very special "keyboard and music theory" course in Miami, Florida - provided by David Sudnow, a famous American educator and musician: The Sudnow Method

Studies and work experience

• I worked in Lima, in Miami and now in Germany

• During the 1980s and 1990s: Management and computer programming activities in the field of business software. I accumulated valuable knowledge and experience working for several companies

• During the 1990s and 2000s: Play keyboards, read music, arrange songs on the PC, try out alternative MIDI controllers, experiment with samplers and synthesizers, record and mix audio