

Schufi's Jukebox

Music, Story and Documentation



SEEBURG

Wall-O-Matic 200

2021

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Seeburg



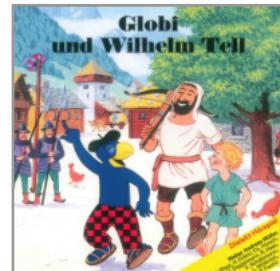
A6

HELIKOPTER

SCHTÄRNEFÖIFI

B6

ZÜRIDÜTSCH



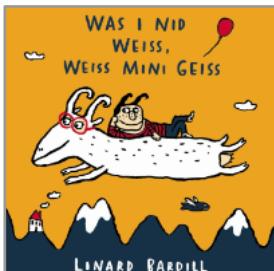
L6

PAPA MOLL HÄT GEBURTSTAG

PAPA MOLL / GLOBI

M6

GLOBI UND WILHELM TELL



C6

MINI GEISS

LINARD BARDILL

D6

ES LAMA I DR PAMPA

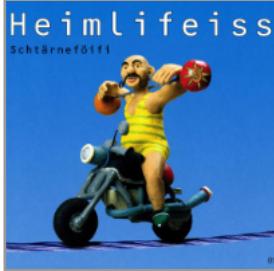
NARBENGESICHT

DREI FRAGEZEICHEN

N6

SUPERPAPAGEI

P6



E6

DE HUET VOM BILL

SCHTÄRNEFÖIFI

F6

OHNI ZNACHT IS BETT

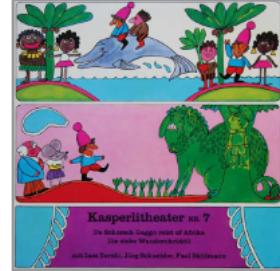
SCHORSCH GAGGO Z AMERIKA

KASPERLI / L. BARDILL

Q6

DR BELTRAMETTI SCHLÜRFT SPA.

R6



G6

I-A JA, JA I-A

ANDREW BOND

H6

ZIMETSTERN HANI GERN

DAS BERGMONSTER

DREI FRAGEZEICHEN

S6

DIE GEFAHRLICHE ERBSCHAFT

T6



J6

MIN GROSSE BRÜEDER

SCHTÄRNEFÖIFI

K6

WEICHEITEIG

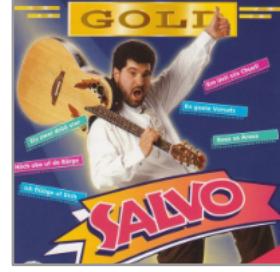
LOSED SI FRAU KÜENZLI

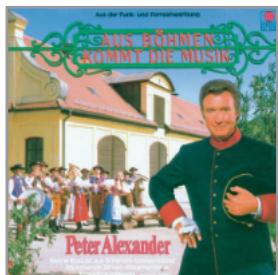
SALVO

U6

DJ MOZARELLA

V6





A5

DIE KLEINE KNEIPE

PETER ALEXANDER

B5

ROSAMUNDE

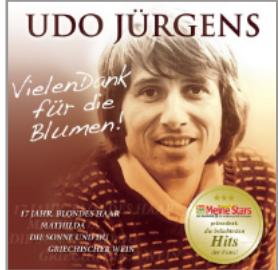
ÜBER SIEBEN BRÜCKEN

PETER MAFFAY

L5

SO BIST DU

M5



C5

GRIECHISCHER WEIN

UDO JÜRGENS

D5

ICH WAR NOCH NIEMALS IN NY

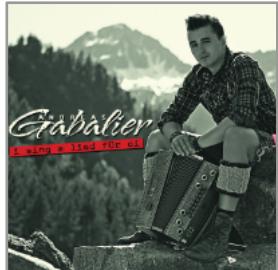
MÄNNER

HERBERT GRÖNEMEYER

N5

ALKOHOL

P5



E5

HULAPALU

ANDREAS GABALIER

F5

I SING A LIAD FÜR DI

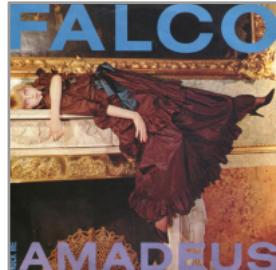
ROCK ME AMADEUS

FALCO

Q5

DER KOMMISSAR

R5



G5

ATEMLOS

HELENE FISCHER

H5

ACHTERBAHN

99 LUFTBALLONS

NENA

S5

IRGENDWIE · IRGENDWO ·

T5



J5

ABER BITTE MIT SAHNE

UDO JÜRGENS

K5

EIN EHRENWERTES HAUS

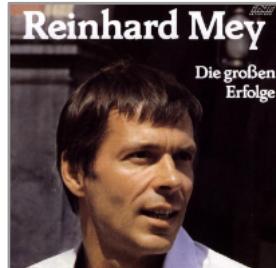
ÜBER DEN WOLKEN

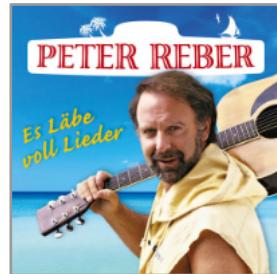
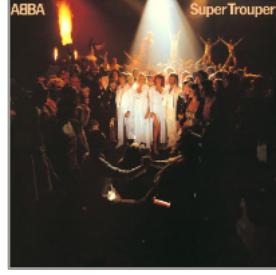
REINHARD MEY

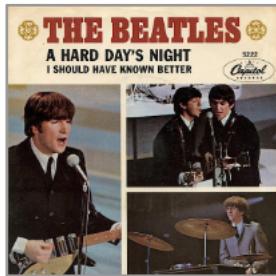
U5

ICH BIN KLEMPNER VON BERUF

V5



A4
B4ZÜNDHÖLZLI
MANI MATTER
HEMMIGEHEY NINETEEN
STEELY DAN
DO IT AGAINL4
M4C4
D4JEDÉ BRUUCHT SY INSEL
PETER REBER
DS HIPPIGSCHPÄNGSCHTLIHOTEL CALIFORNIA
EAGLES
TAKE IT EASYN4
P4E4
F4W. NUSS VO BÜMLIZ
PATENT OCHSNER
GUET NACHT, ELISABETHBOHEMIAN RHAPSODY
QUEEN
ANOTHER ONE BITES THE DUSTQ4
R4G4
H4DÄR SOHN VOM PFARRÄR
SINA
ICH SCHWÖRUDANCING QUEEN
ABBA
THE WINNER TAKES IT ALLS4
T4J4
K4ALPEROSE
POLO HOFER
KIOSK (RUMPELSTILZ)WALK OF LIFE
DIRE STRAITS
MONEY FOR NOTHINGU4
V4



A3

A HARD DAY'S NIGHT

THE BEATLES

I SHOULD HAVE KNOWN BETTER

B3



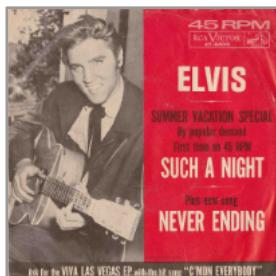
C3

IT'S OVER

ROY ORBISON

INDIAN WEDDING

D3



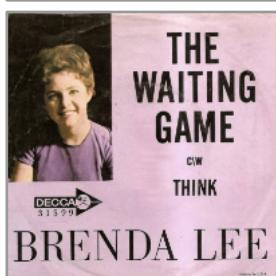
E3

NEVER ENDING

ELVIS

SUCH A NIGHT

F3



G3

THE WAITING GAME

BRENDA LEE

H3

THINK



J3

SURFIN SAFARI

BEACH BOYS

K3

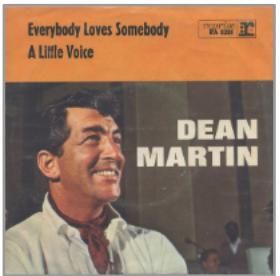
409

EVERYBODY LOVES SOMEBODY

DEAN MARTIN

A LITTLE VOICE

L3

Everybody Loves Somebody
A Little Voice

M3

DON'T TALK TO HIM

CLIFF RICHARD

SAY YOU'RE MINE

N3



P3

TWIST AND SHOUT

THE BEATLES

THERE'S A PLACE

Q3



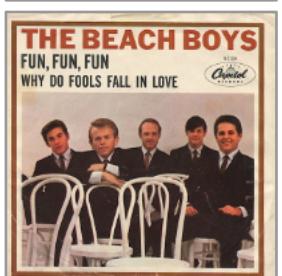
R3

FUN, FUN, FUN

BEACH BOYS

WHY DO FOOLS FALL IN LOVE

S3



T3

ALL MY LOVING

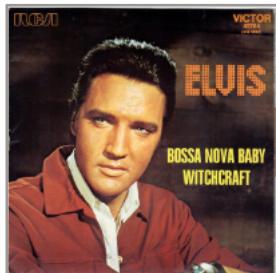
THE BEATLES

THIS BOY

U3



V3



A2

BOSSA NOVA BABY

ELVIS

B2

WITCHCRAFT



L2

CAN'T BUY ME LOVE

THE BEATLES

M2

YOU CAN'T DO THAT



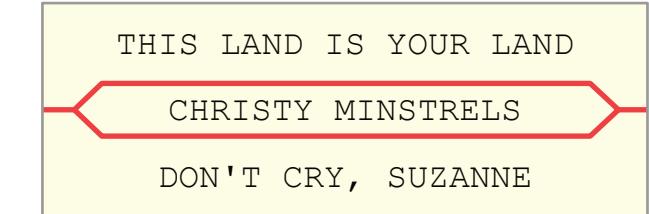
C2

ROLL OVER BEETHOVEN

THE BEATLES

D2

PLEASE MR. POSTMAN



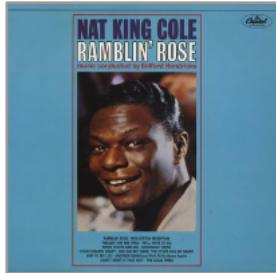
N2

THIS LAND IS YOUR LAND

CHRISTY MINSTRELS

P2

DON'T CRY, SUZANNE



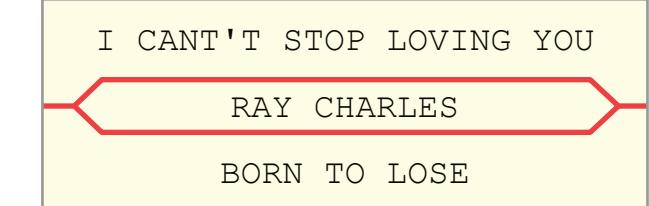
E2

RAMBLIN ROSE

NAT KING COLE

F2

THE GOOD TIMES



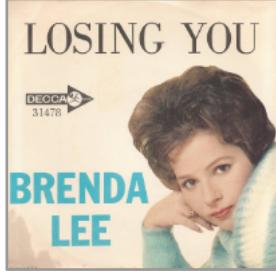
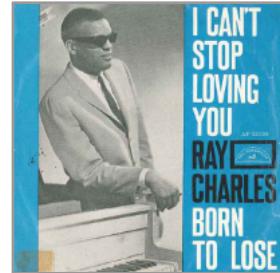
Q2

I CAN'T STOP LOVING YOU

RAY CHARLES

R2

BORN TO LOSE



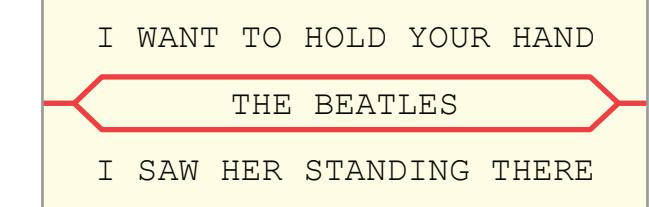
G2

HE'S SO HEAVENLY

BRENDA LEE

H2

LOSING YOU



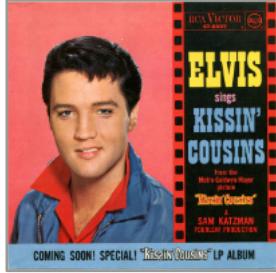
S2

I WANT TO HOLD YOUR HAND

THE BEATLES

T2

I SAW HER STANDING THERE



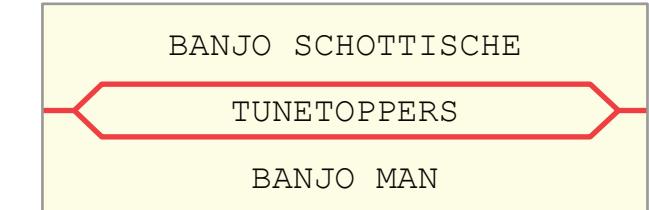
J2

KISSIN' COUSINS

ELVIS

K2

IT HURTS ME



U2

BANJO SCHOTTISCHE

TUNETOPPERS

V2

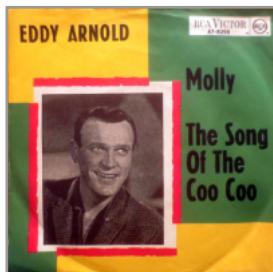
BANJO MAN



•

10c Hit Tunes 3 FOR QUARTER
SINGLE TUNE PER SELECTION**10c Hit Tunes** 3 FOR QUARTER
SINGLE TUNE PER SELECTION

•



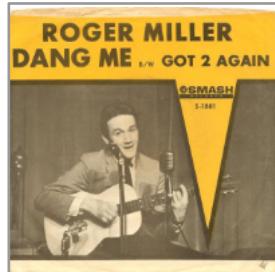
A1

SONG OF THE COO COO

EDDY ARNOLD

B1

MOLLY



C1

GOT 2 AGAIN

ROGER MILLER

D1

DANG ME



E1

I'D STILL BE THERE

JOHNNY CASH

F1

RING OF FIRE



G1

MAMBO JAMBO No. 5

PEREZ PRADO

H1

PERDIDO MAMBO No. 8



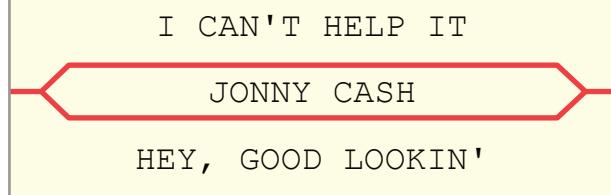
J1

THREE COINS IN THE FOUNTAIN

FRANK SINATRA

K1

DON'T WORRY 'BOUT ME



L1

I CAN'T HELP IT

JONNY CASH

M1

HEY, GOOD LOOKIN'



N1

THIRD MAN THEME

ANTON KARAS

P1

KARAS SECOND THEME



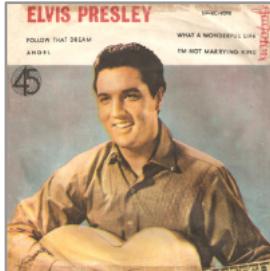
Q1

FOLLOW THAT DREAM

ELVIS

R1

WHAT A WONDERFUL LIFE



S1

IF I HAD YOU

TOM JONES

T1

GREEN GREEN GRASS OF HOME



U1

YO TE AMO MARIA

ROY ORBISON

V1

PRETTY WOMAN

•

10c Hit Tunes 3 FOR QUARTER
SINGLE TUNE PER SELECTION**10c Hit Tunes** 3 FOR QUARTER
SINGLE TUNE PER SELECTION

•



A7

PIAZZA GRANDE

B7

LUCIO DALLA

CARUSO

TI AMO

UMBERTO TOZZI

L7

TU



C7

STRADA FACENDO

D7

LAURA PAUSINI

LA MIA BANDA SUONA IL ROCK

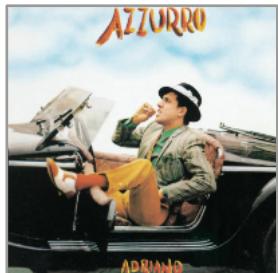
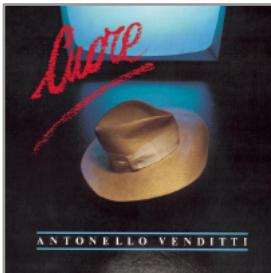
CI VORREBBE UN AMICO

ANTONELLO VENDITTI

IN QUESTO MONDO DI LADRI

N7

P7



E7

AZZURRO

F7

ADRIANO CELENTANO

IL RAGAZZO DELLA VIA GLUCK

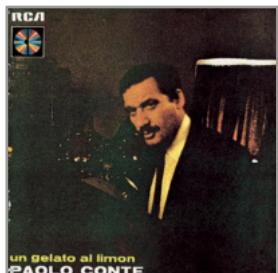
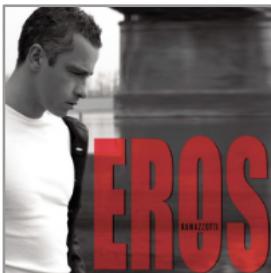
ADESSO TU

EROS RAMAZOTTI

COSE DELLA VITA

Q7

R7



G7

GELATO AL LIMON

H7

PAOLO CONTE

HAPPY FEET

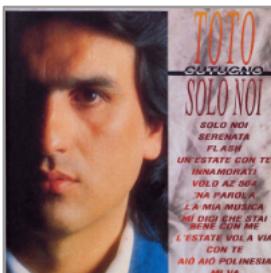
L' ITALIANO

TOTO CUTUGNO

SOLO NOI

S7

T7



J7

TANTI AUGURI

K7

RAFFAELLA CARRÀ

BALLO, BALLO

ATTENTI AI LUPO

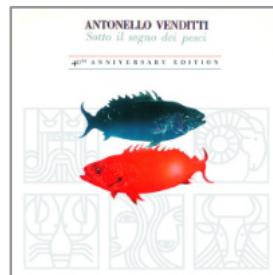
LUCIO DALLA

L' ANNO CHE VERRÀ

U7

V7





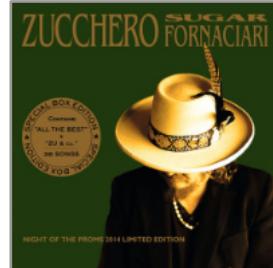
A8

BUONA DOMENICA

B8

ANTONELLO VENDITTI

SOTTO IL SEGNO DIE PESCI



C8

BAILA (SEXY THING)

D8

ZUCCHERO

DIAVOLO IN ME



E8

FLASH

F8

TOTO CUTUGNO

VOGLIO L'ANIMA



G8

UN'EMOZIONE PER SEMPRE

H8

EROS RAMAZOTTI

UNA STORIA IMPORTANTE



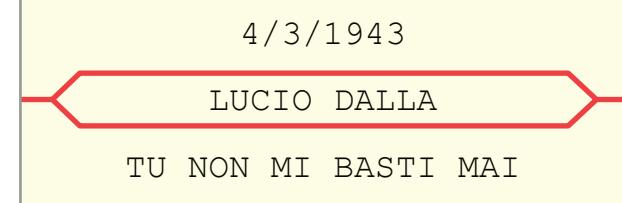
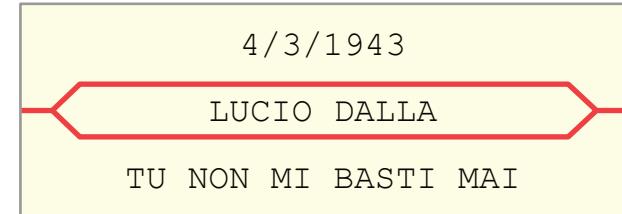
J8

SOTTO LE STELLE DEL JAZZ

K8

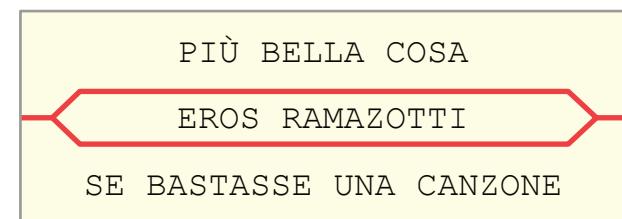
PAOLO CONTE

AZZURRO



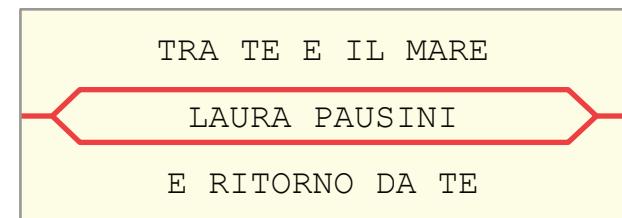
L8

M8



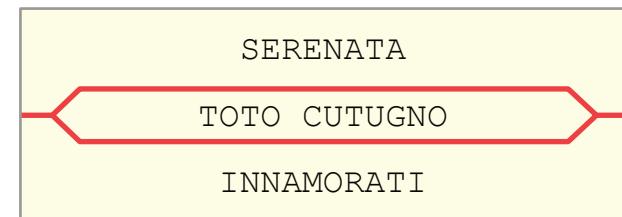
N8

P8



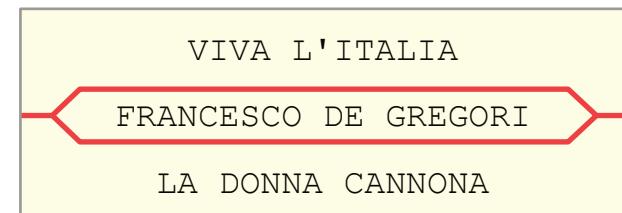
Q8

R8



S8

T8



U8

V8

**10c** Viva l'Italia 3 FOR QUARTER
SINGLE TUNE PER SELECTION**10c** Viva l'Italia 3 FOR QUARTER
SINGLE TUNE PER SELECTION



A9

SEI COME UN JUKEBOX

EDOARDO BENNATO

B9

SONO SOLO CANZONETTE

VIVO PER LEI

ANDREA BOCELLI

L9

CON TE PARTIRO

M9



C9

LA MIA MUSICA

TOTO CUTUGNO

D9

INSIEME: 1992

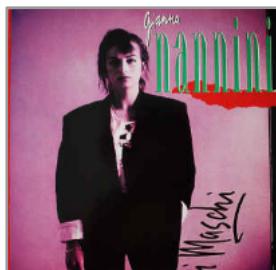
IL TEMPO SE NE VA

ADRIANO CELENTANO

N9

UNA FESTA SUI PRATI

P9



E9

I MASCHI

GIANNA NANNINI

F9

BELLO E IMPOSSIBILE

SHARAZAN

ALBANO E ROMINA POWER

Q9

CI SARÀ

R9



G9

SENZA UNA DONNA

ZUCCHERO

H9

A WONDERFUL WORLD

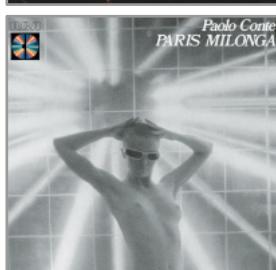
LA DONNA È MOBILE

LUCIANO PAVAROTTI

S9

O SOLE MIO

T9



J9

VIA CON ME

PAOLO CONTE

K9

GLI IMPERMEABILI

VIVA LA MAMA!

EDOARDO BENNATO

U9

L'ISOLA CHE NON C'È

V9





A0
B0

AMERICA
GIANNA NANNINI
LATIN LOVER



C0
D0

PER ELISA
ALICE
UNA NOTTE SPECIALE



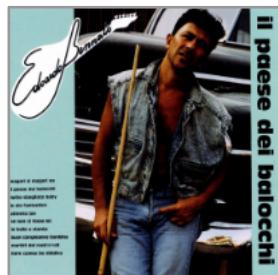
E0
F0

BUONA SERA SIG/THATS AMORE
CLAUDIO FIORI
MAMBO GELATO



G0
H0

FELICITÀ
ALBANO E ROMINA POWER
SEMPRE SEMPRE



J0
K0

BUON COMPLEANNO BAMBINA
EDOARDO BENNATO
IL GATTO E LA VOLPE

E LA LUNA BUSSÒ
LOREDANA BERTE
FIGLIA DI ...

L0
M0



SARÀ PERCHÉ TI AMO
RICCHI POVERI / CAFE ROMA
TARANTELLA NAPOLETANA

N0
P0



MARINA
R. GRANATA / P. DI CAPRI
SPEEDY GONZALES

Q0
R0



TU VUÒ FA L'AMERICANO
R. COROSONE / D. MODUGNO
VOLARE

S0
T0



LAURA NON C'È
NEK / F. MANNOIA
IL CIELO D'IRLANDA

U0
V0



Story

Jukebox

Imagine this scene.

Sailors return to the United States in the 1940s as heroes of the Second World War. Wanting to escape the horrors of war, they visit a local diner in the hope of finding the love of their lives - or at least a blue-eyed, blonde dance partner. When they arrive at the diner, they hear music and girls dancing to the hits. The girls dance and the boys flirt



Jukebox, dancing woman and sailors

At the centre is a shiny, gleaming jukebox - an icon of the American post-war era.

"Jukes", as they are called by collectors, have a history dating back to the late 1800s. According to Brett Weiss of Antiqueweek.com, the precursor to the jukebox was a coin-operated phonograph invented by two Americans. Music lovers could insert a nickel into the phonograph, turn the crank and listen to a song.

Rock 'n' roll and the golden age of the jukebox

As jukeboxes became more popular in the late 1930s and early 1940s, manufacturers began to build more elaborate designs. A jukebox had to

catch the eye. They imitated the art deco style, used bright and colourful lights and had imaginative shapes.

Jukebox production in the USA was discontinued during the Second World War (1942-1946) in order to invest resources and labour in the war effort. However, it quickly picked up again afterwards. Perhaps the most famous jukebox of all time was launched that very year by the Rudolph Wurlitzer Company - the Model 1015 (also known as the Bubbler). This model had tubes with flowing air bubbles that moved along the curved top of the machine. The design of this Wurlitzer model has since served as inspiration for the design of jukeboxes.

Origin of the name "Jukebox"

Known in Germany as "Musikbox", "Musikautomat" or "Musiktruhe" (devices in wooden chest design), the coin-operated music machine is otherwise known as a "jukebox".



Young people standing at a jukebox in a dance hall in Richwood, West Virginia, Sept. 1942

The origin of this name cannot be clearly traced. It is assumed that it is derived from the old English term "jouk" or "jook", which refers to dancing.



Soldiers in front of a jukebox

This term was used by the black population and people met in the so-called "juke joints". The jukeboxes there were therefore referred to as "jukeboxes". However, this led to the term having negative connotations, so that jukeboxes in the USA continued to be advertised as "Automatic Phonograph" or "Coin Operated Phonograph" or just "Phonograph" for a long time. Coinograph can also be found in record industry adverts from 1942-43.

Glenn Miller, who cultivated contacts with black musicians, used the term "jukebox" in public. In 1942, the terms "juke box" and "juke box operators" were mentioned several times in a federal document. Rullman, president of AMI, used both "phonograph" and "juke box" in an interview in 1944. In 1946, AMI adopted this term

with the introduction of the Model A, the so-called "Mother of Plastic".

Digitisation

The technology continued to develop over the next 50 years. Phonographs became easier to operate and could play more than just a song or a record. Wooden machines gave way to chrome and glass-equipped music machines that attracted attention. In the 1940s, jukebox mania was in full swing. Brands such as Rock-Ola, Seeburg and Wurlitzer dominated the market.

Seventy years later, satellite radio, iPods and iTunes playlists dominate the audience where jukeboxes once ruled. But America has not forgotten its beloved icon. Collectors around the world love the music makers just as much as the enthusiastic teenagers did in the 40s and 50s.



Doris Stiles Williams at a jukebox

Seeburg

JJustus P. Seeburg was born in Sweden in 1871 and came to the United States at the age of 16. He settled in Chicago and worked in the piano industry as a mechanic and foreman. In 1907, J.P. Seeburg founded a manufacturing company under his own name. The J.P. Seeburg Piano Co. soon became the leading manufacturer of "orchestrions" in the United States. These automatic pianos played several instruments, which could sound like a complete band. Seeburg continued this line of instruments until 1927, when he discontinued the manufacture of pianos and switched to the production of the new coin-operated phonograph.

With the introduction of the "Audiophone" in 1928, Seeburg was one of the first manufacturers of a jukebox with multiple choices. This box with a wide housing and eight selections had pneumatic control valves that made it half nickelodeon and half phonograph. This model was a moderate success. In the 1930s, new manufacturers entered the market and sold more jukeboxes than Seeburg. Seeburg's next model, the Selectophone, was a technical disaster. Warped spindles infuriated the operators. This fault almost drove the company to ruin.

As J.P. Seeburg approached 60 in the late 1930s, he handed the company over to his son Noel. He was a very shrewd businessman and reorganised the company to compete more effectively with Wurlitzer and Rock-Ola. From 1940 until the end of the Second World War, Seeburg produced a few reasonable models and was quite successful.

But it was 1949 that would prove to be the year that Seeburg would change the history of jukeboxes.



Justice P. Seeburg

They developed a mechanism that could play both sides of 50 records. A real jukebox with 100 choices. This mechanism was so reliable that it drove almost all other manufacturers to ruin. In 1950 Seeburg introduced the M100B, the first jukebox that could play records at 45 rpm. In the 1950s Seeburg dominated jukebox production and in 1955 introduced the V-200, the first jukebox with 200 music tracks.

Like most other jukebox manufacturers, Seeburg suffered from changing demand in the 1970s and ceased operations in the United States.



Seeburg Factory Location: 1500 North Dayton Street, Chicago, IL



Seeburg Employees

Bring back life to old

1. Purchase on 4 July 2021

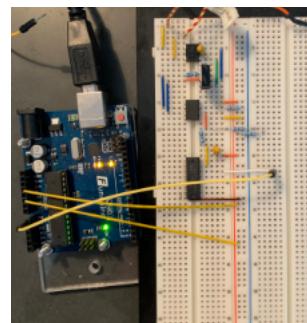
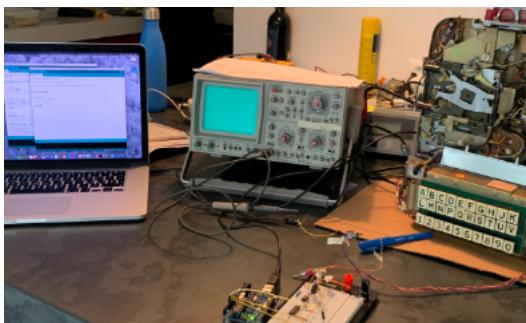


The Fifties Corner
Rorschacherstrasse 137
9450 Altsttten SG

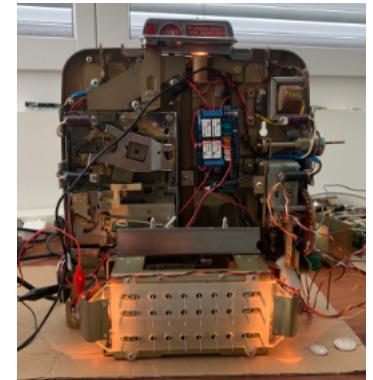
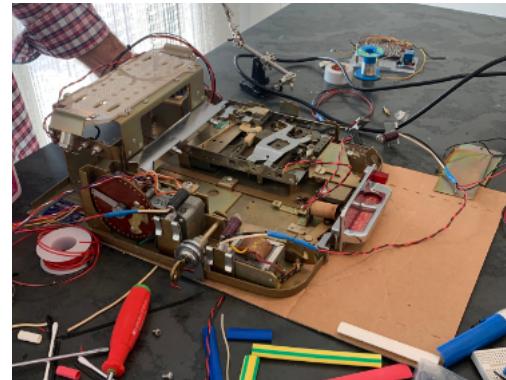
2. Inspection, discussion, initial plans



3. Variant 1 "preserve electro mechanical pulser" as a signal tap



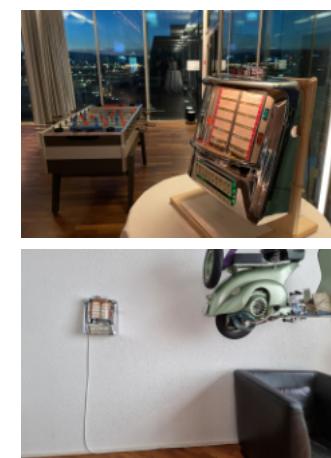
4. Variant 2 take out most of the old mechanics



5. Intensive troubleshooting also with the help of ESPROS employees

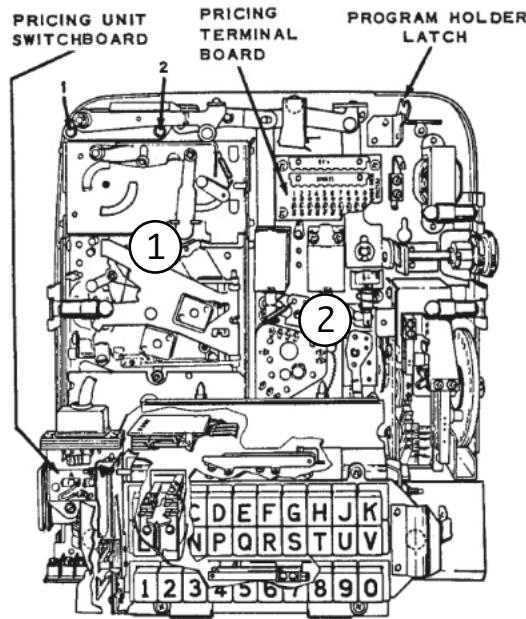


6. Gift to Roger / Installation Casa Plinio



Documentation

Original structure



#	Part	Description	Image
1	Slug-rejector	The coin validator, which separates genuine from counterfeit coins and recognises coins of different values, made it possible for coin-operated machines to become an important marketing tool in many areas.	
2	Dual Credit Unit	With the advent of the single disc with 45 rpm and two songs (one per side), jukebox manufacturers responded with a dual-credit system. In this way, cheaper and more expensive songs could be offered (e.g. A and B songs).	

Modification

Part	Description	Image
Arduino UNO	The SparkFun RedBoard's ATmega328 microcontroller was programmed using Arduino and served as the main logic component for the Jukebox.	
RJ45 Adapter	Ethernet W5100 Shield Network Expansion Board to communicate with the Loxone Music Server	
Single Relay	The relay is used to unlock the keys once they are pressed. The built-in electromagnets comming from the Dual Credit Union pull and mechanically release all the keys.	
I/O Expander	The two SparkFun 16 Output I/O Expander Breakouts were used to detect which key was pressed. They are connected via I2C, just like the Single Relay.	

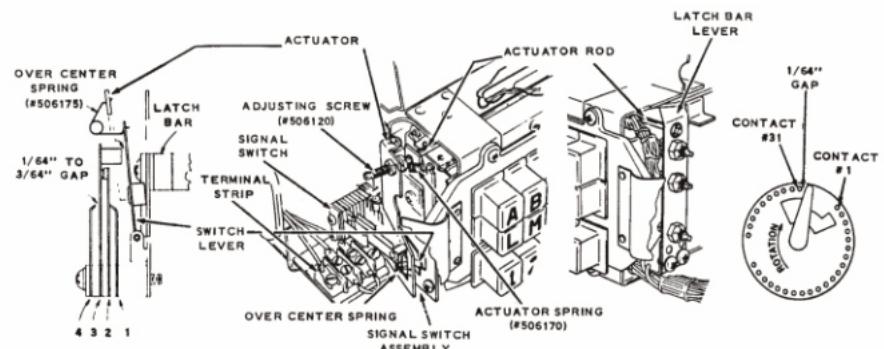
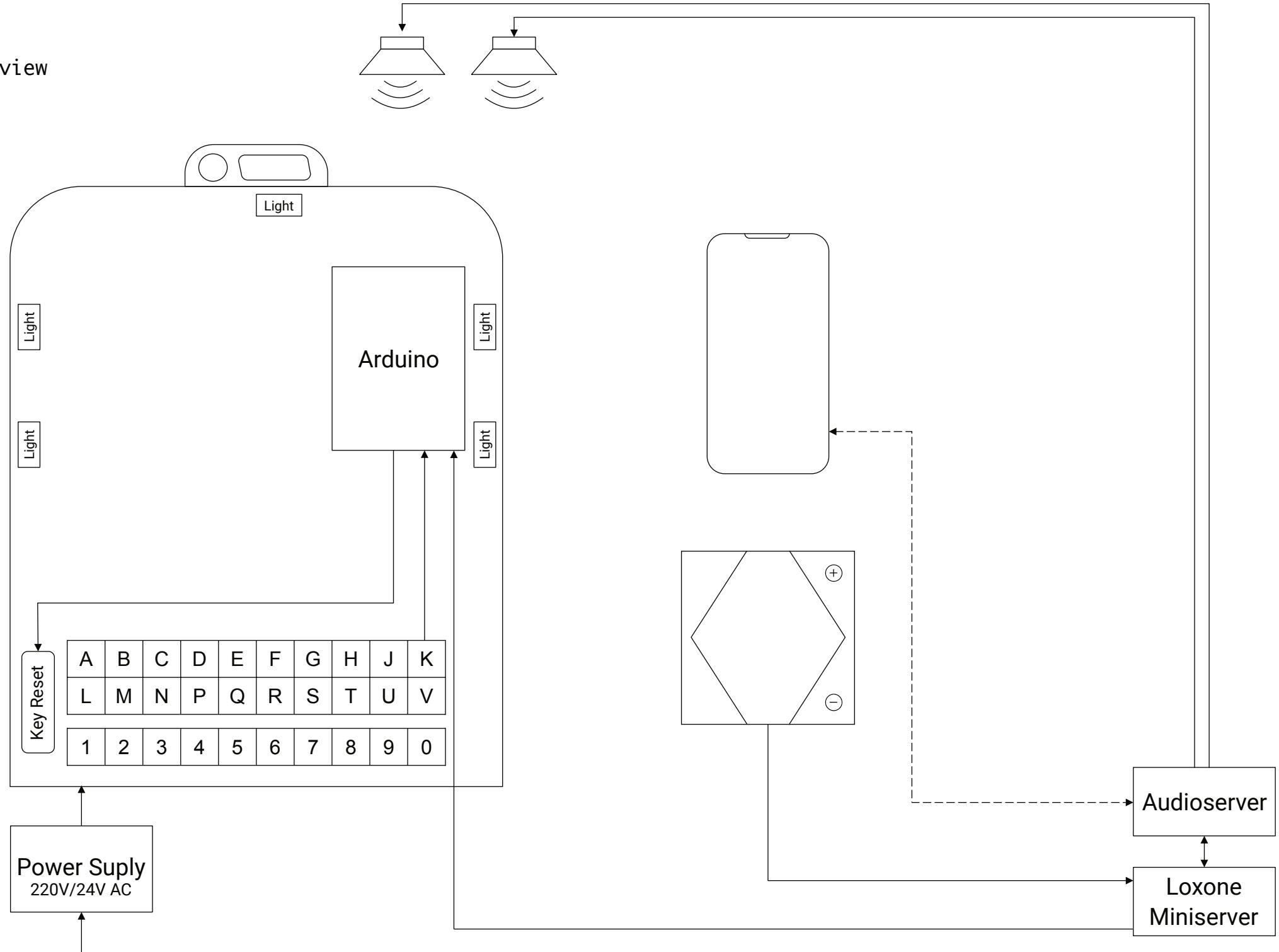


Figure 16. Signal Switch In Standby Position

Figure 17.

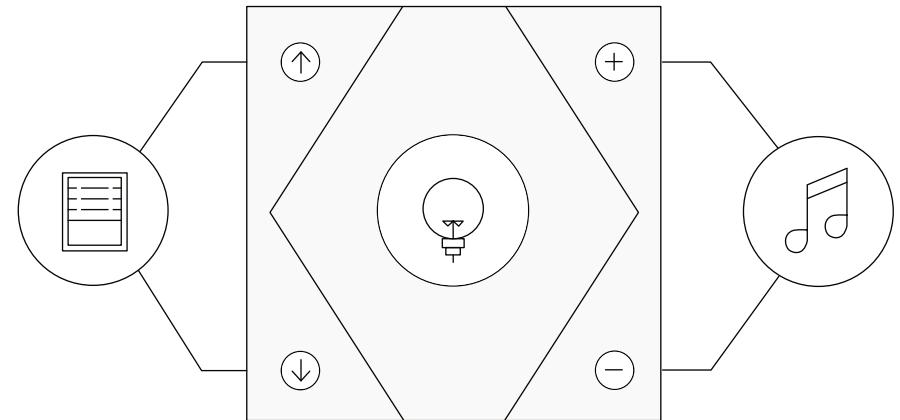
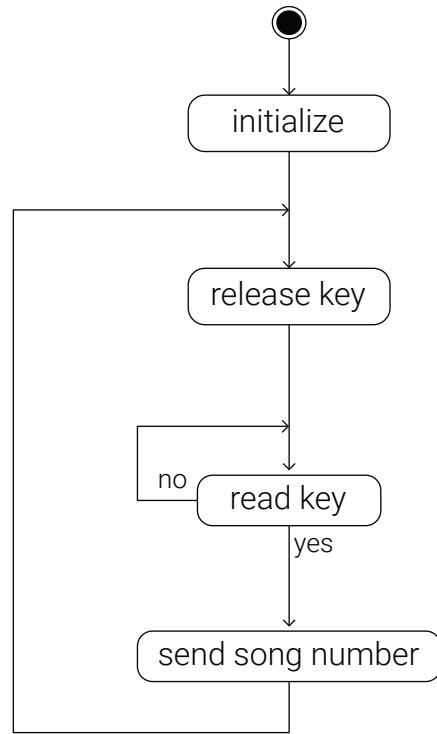
Figure 18. Selector Plate

Overview



Handling

Loxone Button Standard

**Single click**

Simply click on the light area to switch on the light and switch between all light scenes. The jukebox starts up and is available in every scene. The music is controlled on the right. By clicking or pressing and holding, the music becomes louder and quieter.

**Multiple click**

Double-click on the music button at the top to change the music source, double-click at the bottom to mute the music.

Double-click the light button to switch off the entire room.



Wall-o-matic

Schufis Jukebox

Refurbished Seeburger Wall-o-Matic 200

This jukebox has the capability to play 200 different songs, selectable via a key interface. In our refurbishment, the keys now serve as digital inputs to an Arduino. We repurposed the original electromagnets from the Dual Credit Unit to reset the keys. The illumination has been upgraded to LED. Once a song is selected, it is sent to the Loxone Audio Server for playback. The software is programmed in C++.

A Shufi Family Project, 2021