



<http://wiki.homerecz.com>

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|---------------------------|-----------|
| | 1 |
| | 1 |
| | 1 |
| | 1 |
| | 5 |
| | 5 |
| Digital Multitrack | 15 |
| | 24 |
| | 30 |
| | 30 |
| | 30 |
| | 30 |

†

Alan Blumlein 1933

Reel to Reel tape

1943

AEG



Rudy Van Gelder Ampex

1950

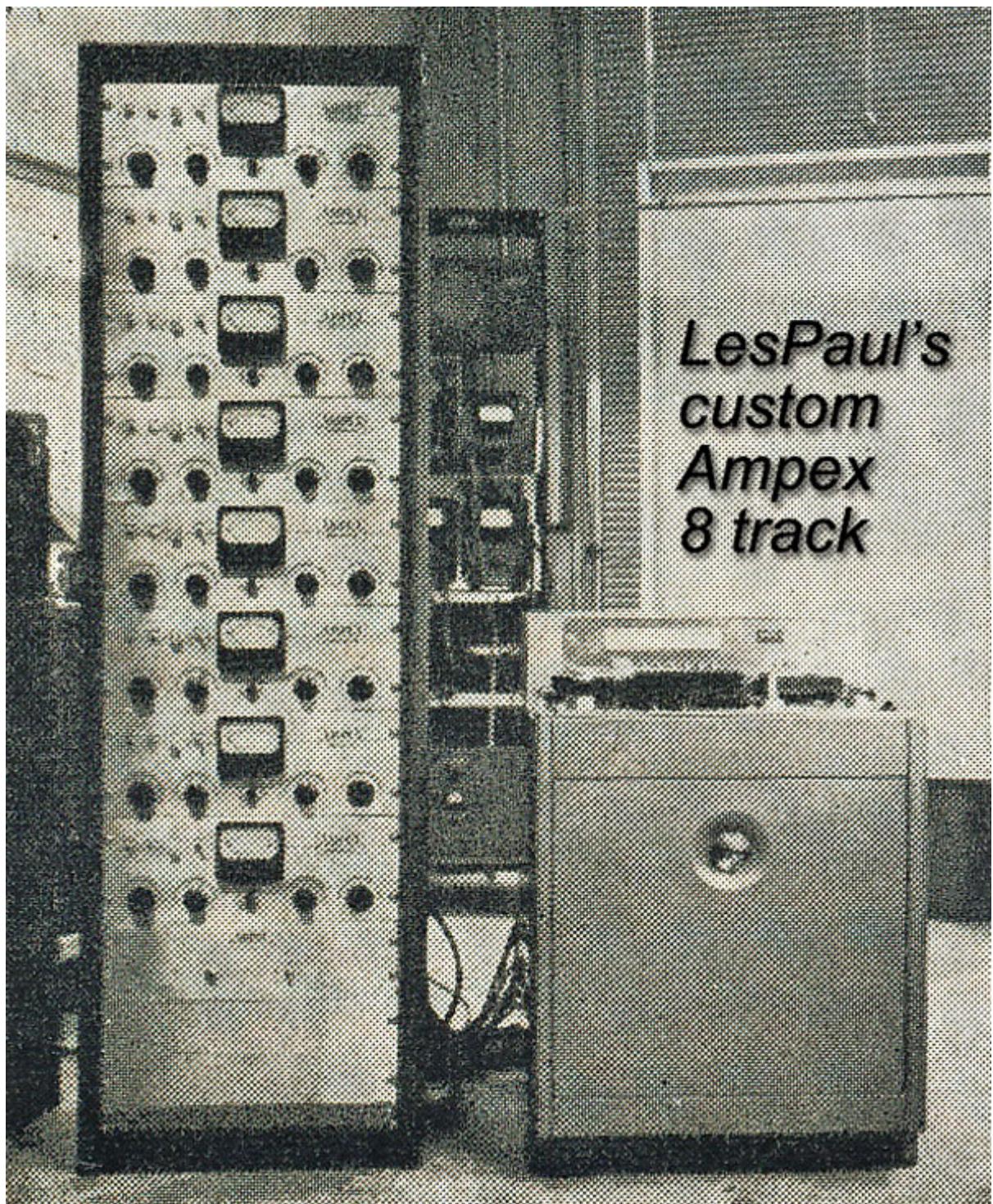
Ampex

Sel-Sync

8

¹⁾

<https://www.mixonline.com/recording/ampex-sel-sync-1955-367111>



3

. 3

1960

Motown

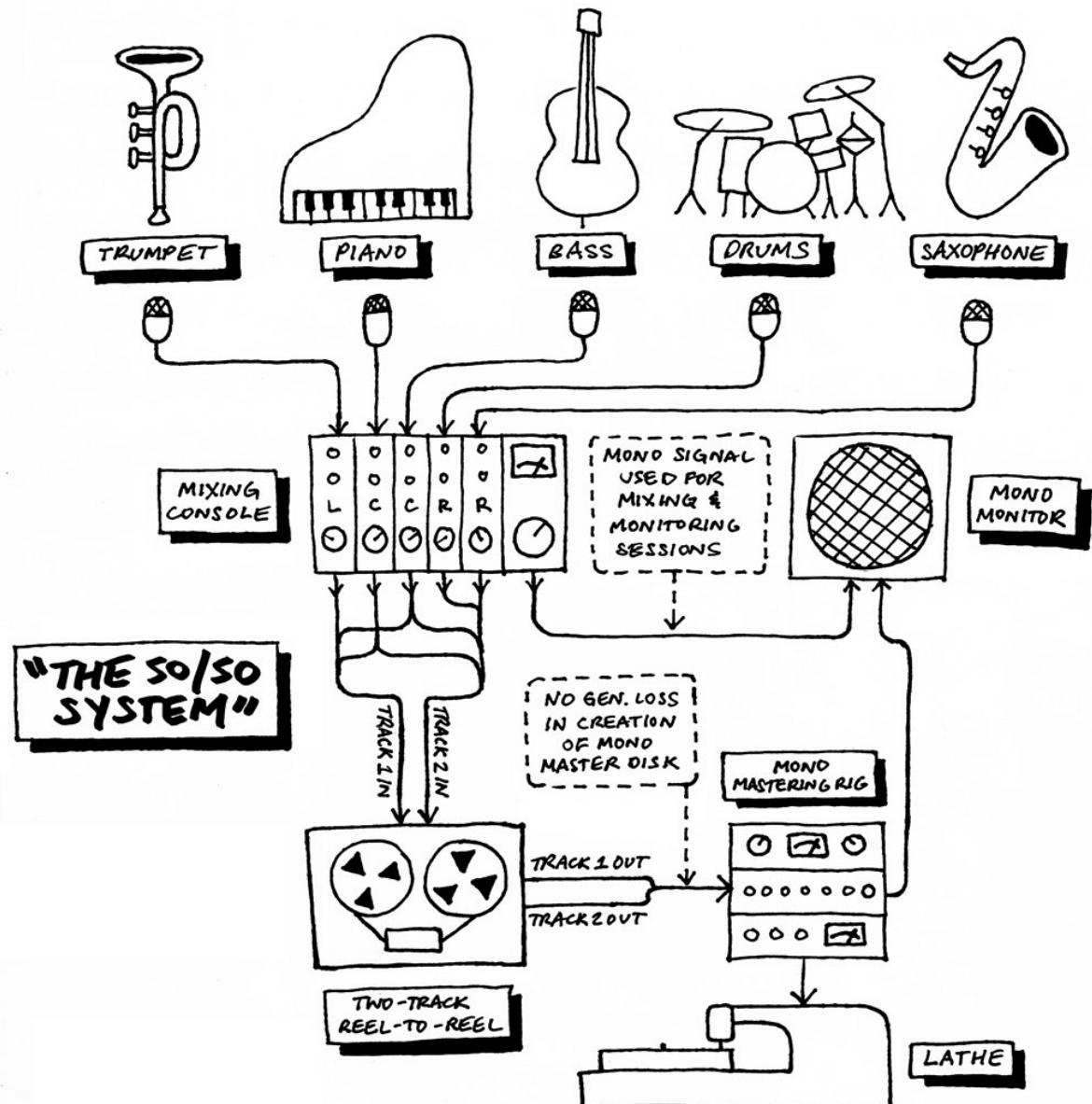
3-track

3

, 2

, 1

(가),



Rudy van gelder(

) 50/50 method²⁾



Ampex model 300 - 3-track [mono](#)



Ampex model 300 3

1960

4

Abbeyroad

4

2

(

)

3)

"

"

4

가



Studer J37 - 4-track



Ampex AG440

| | | |
|------|-----|---------------------------------------|
| 1960 | , 8 | Sgt. Pepper's Lonely Hearts Club Band |
| 4 | 2 | Pink Floyd 가 8 |
| | . | White Album Hey Jude Abbeyroad |
| 8 | | |



Abbeyroad

Studer 8



TEAC 8-track

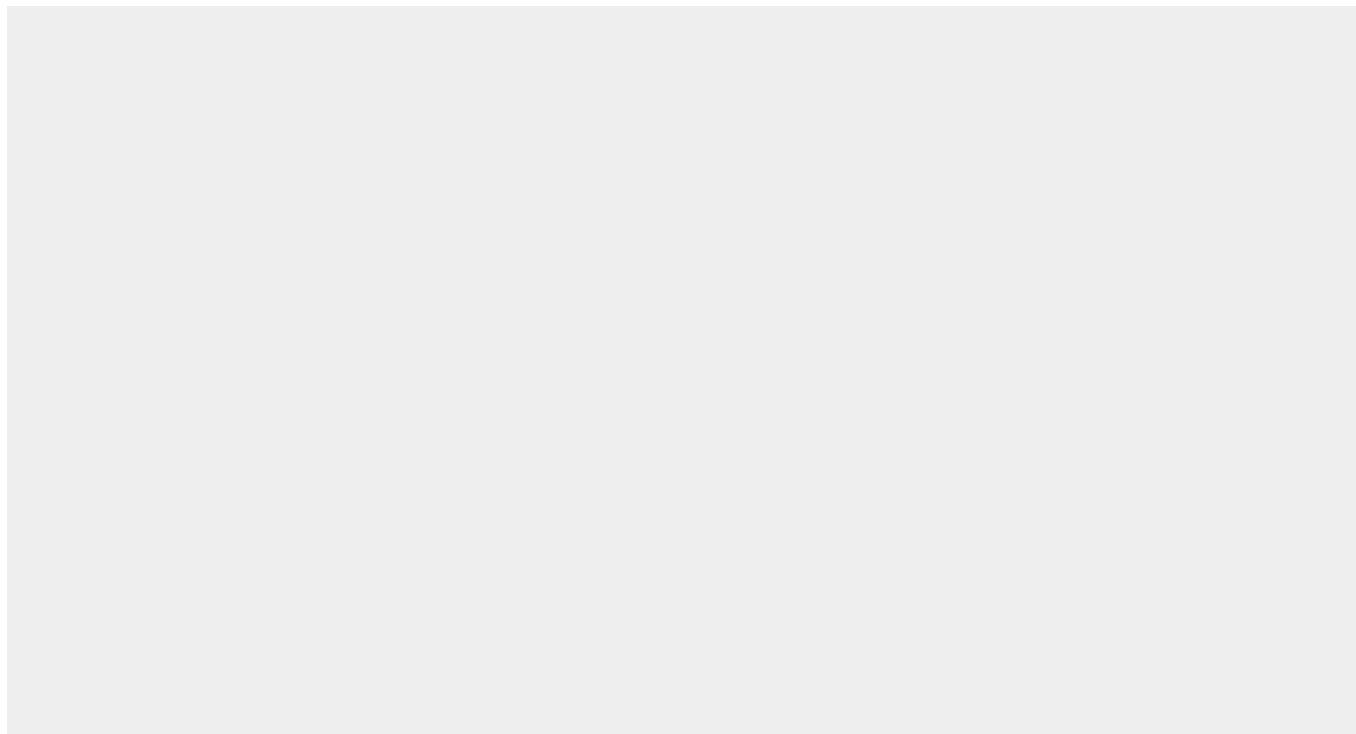
1967 Ampex

Mirasound studio

16

2 "

, 가





Ampex MM1000

1968 12

Blood, Sweat & Tears

CBS

16

Ampex mm1000 16

16 24

(Post Mix)

가

가 가

,



Studer A800 mkIII

1990

Digital Multitrack

1970

3M

. (16-bit, 50kHz)⁴⁾,

1 "

32

. 16-bit 50kHz



(16-bit, 44.1kHz) Philips Sony가 . Sony 24
Mitsubishi 32 . Mitsubishi
, Sony Mitsubishi
Vinyl record , Sony Mitsubishi
CD 가
CD 가





Mitsubishi
X-850.

32 Channel Digital
45 Tracks
Cut-and-Splice Edit
Fully Compatible
RS-232/RS-422/Parallel Interface
Sync to 9.6/8 kHz • 60/50/59.94 Hz
Composite Video
SMPTE/EBU Non-drop/Drop
Varspeed

For
World-Class
Studios.

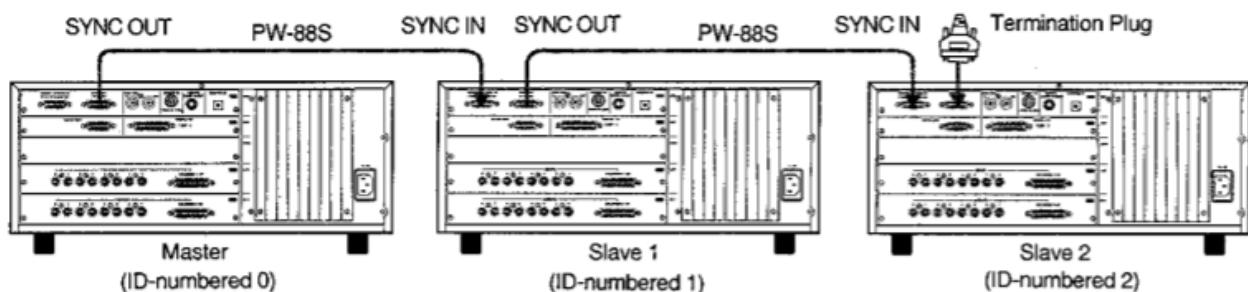
MITSUBISHI PRO AUDIO GROUP

DIGITAL ENTERTAINMENT CORPORATION
Headquarters: 225 Parkside Drive, San Fernando, CA 91340 • Phone (818) 898-2341 • Telex 311786
New York: Suite 1530, 555 W. 57th Street, New York, NY 10019 • Phone (212) 713-1600 • Telex 703547
Northeast: 2200 Hillside Road, Nashville, TN 37222 • Phone (615) 298-4613
Canada: 363 Adelaide Street E., Toronto, ONT. M5A 1N3 • Phone (416) 865-1899
United Kingdom: 1 Fairway Drive, Greenford, Middlesex UB6 8PW • Phone (01) 578-0957 • Telex 923063

1992 ALESIS 8 ADAT
6)
VHS , Optical 128
ADAT



1993 TEAC/TASCAM DA-88 . 8mm
. 4 , 가
. DA-88 가





VHS 8mm

1", 2"

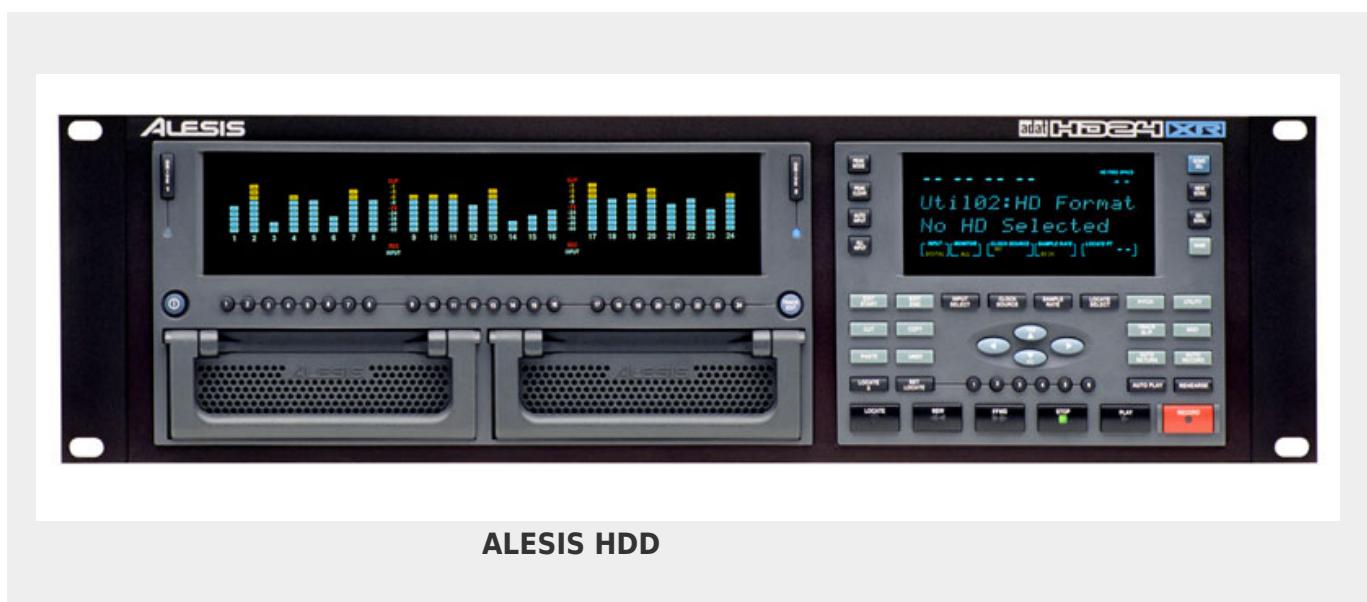
7)

HDD

. HDD

, SMPTE Timecode

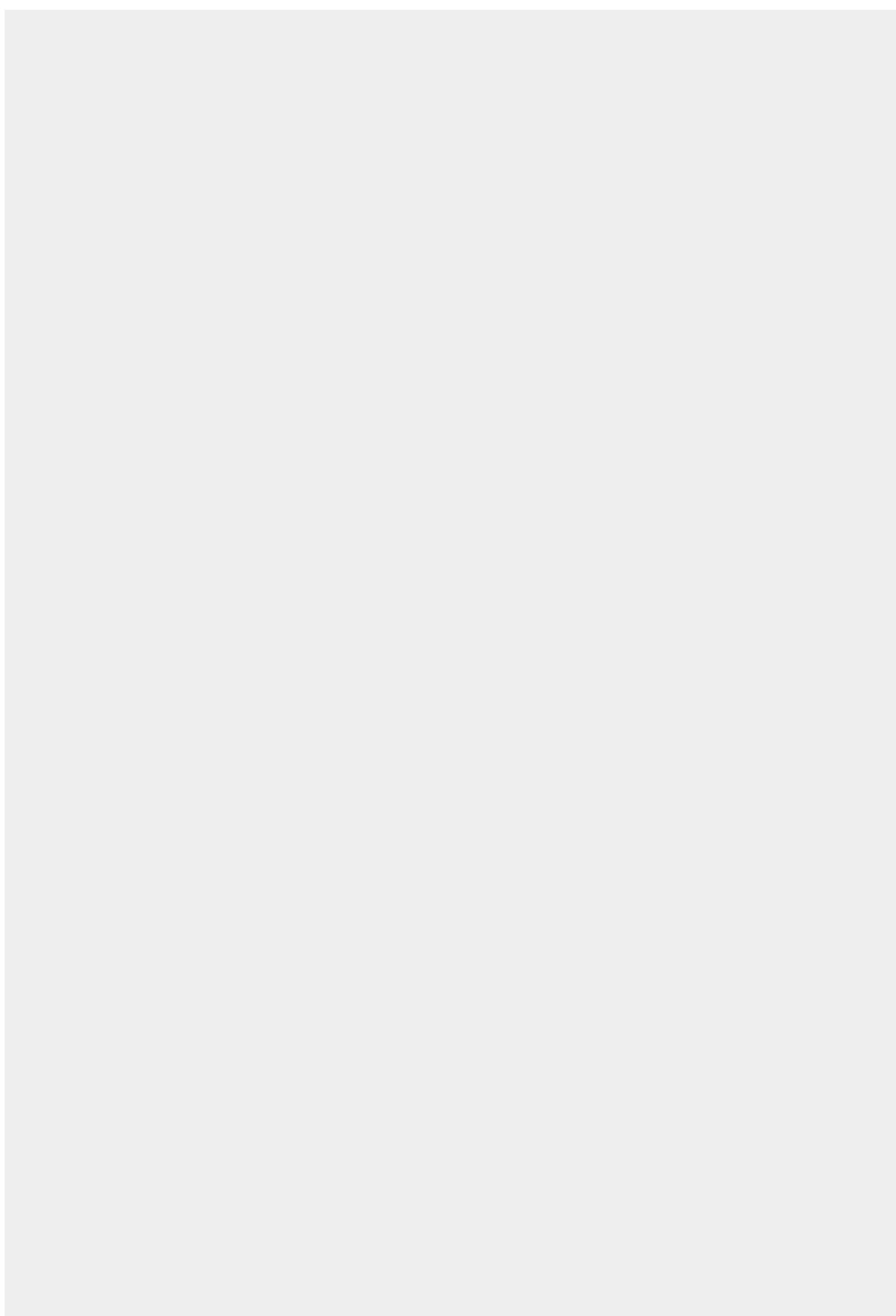
Punch

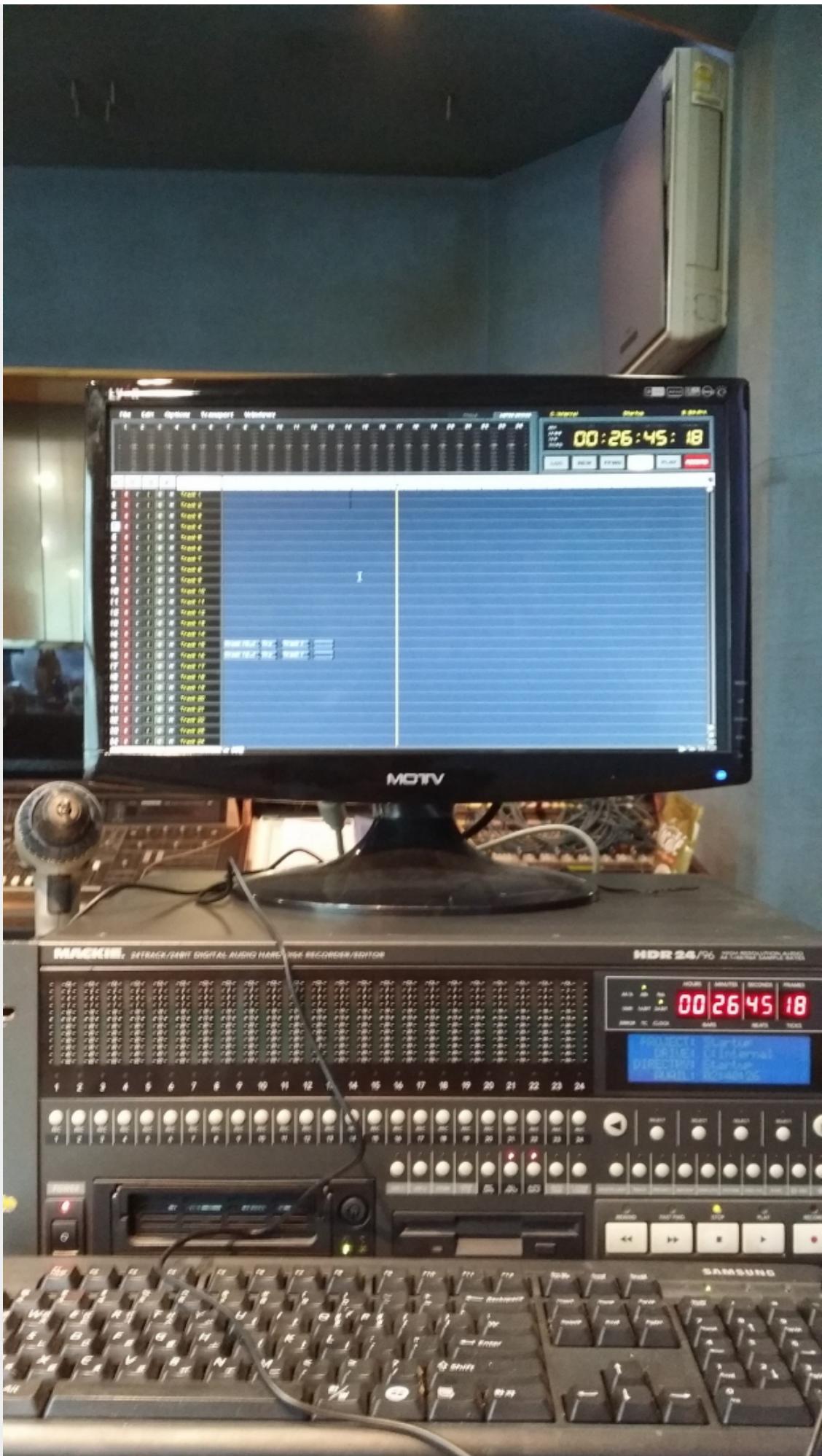


ALESIS HDD



TASCAM X-48





Mackie HDR 24/96

1990

, TASCAM(HDD, 8mm), ALESIS(VHS Tape),
Roland/BOSS(HDD), FOSTEX(HDD), Yamaha (HDD), KORG



KORG D888 HDD

HDD

DAW

1990 Deck

John Dalton, Josh Rosen, Mats Myberg

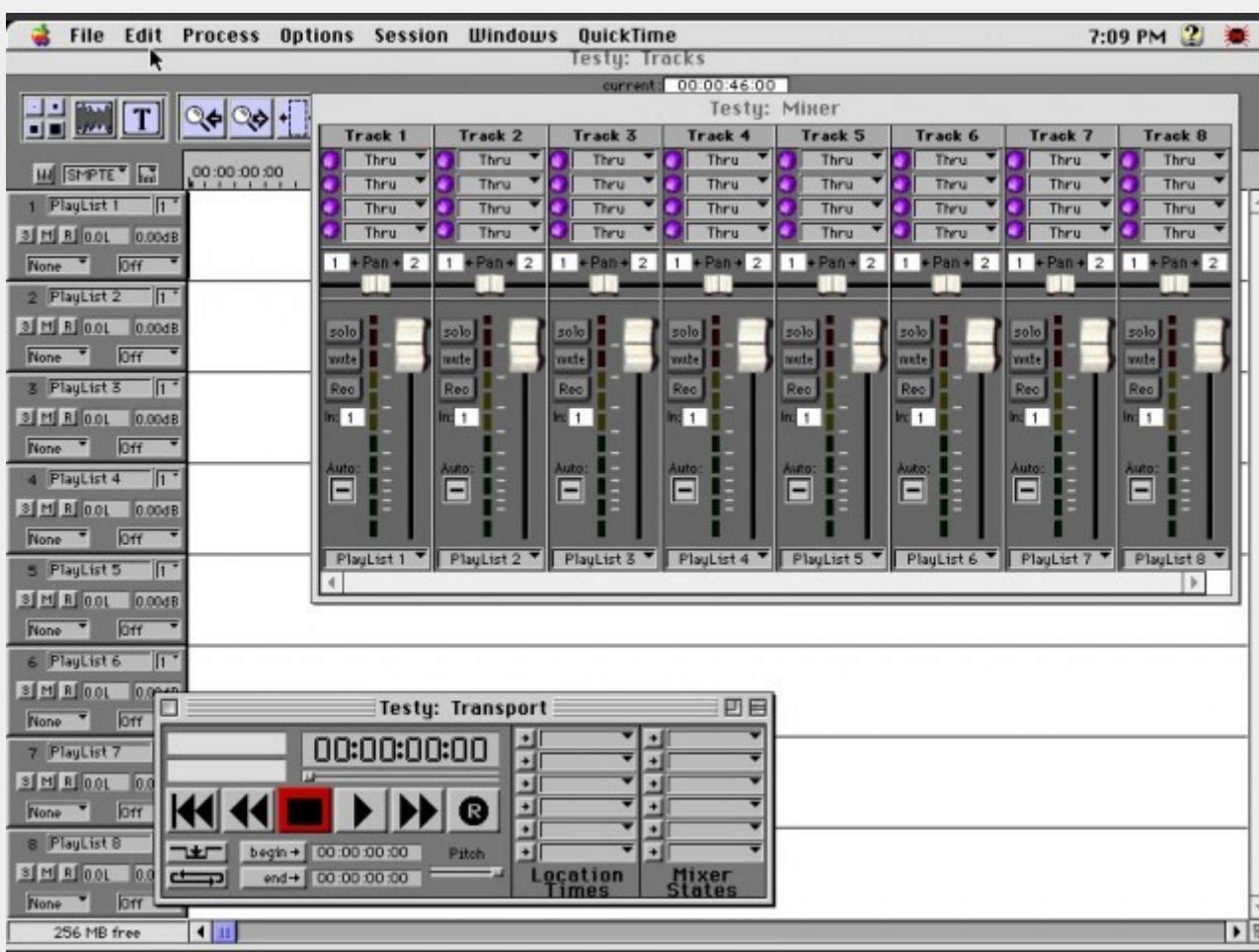
가

Digidesign Pro Tools

<https://en.wikipedia.org/wiki/BIAS>



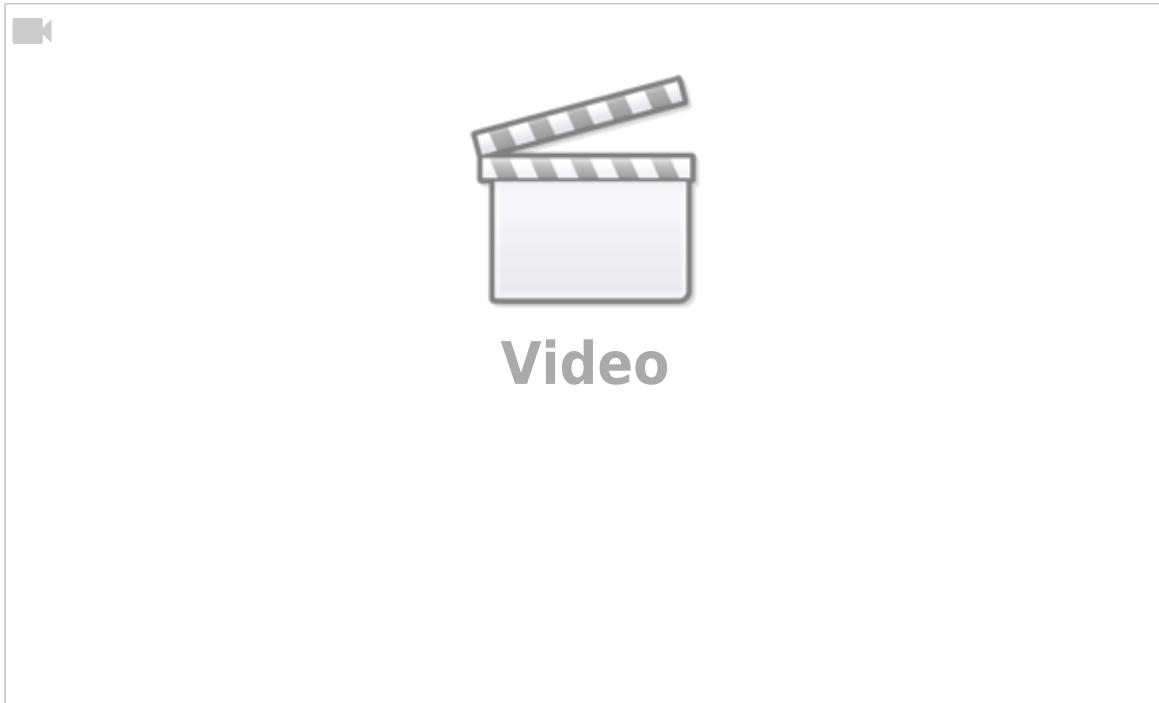
BIAS Deck 2.7



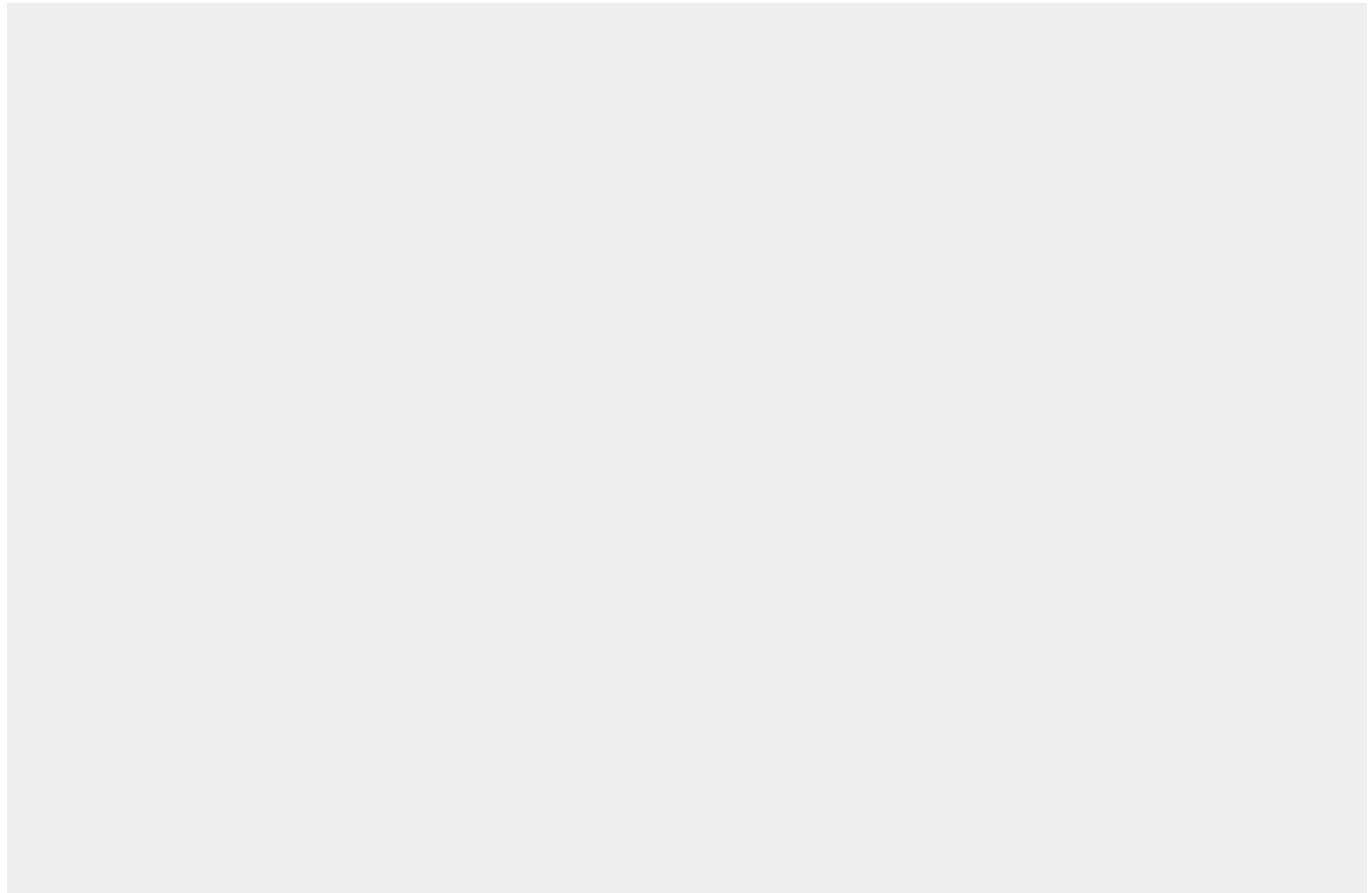
BIAS Deck 2.6

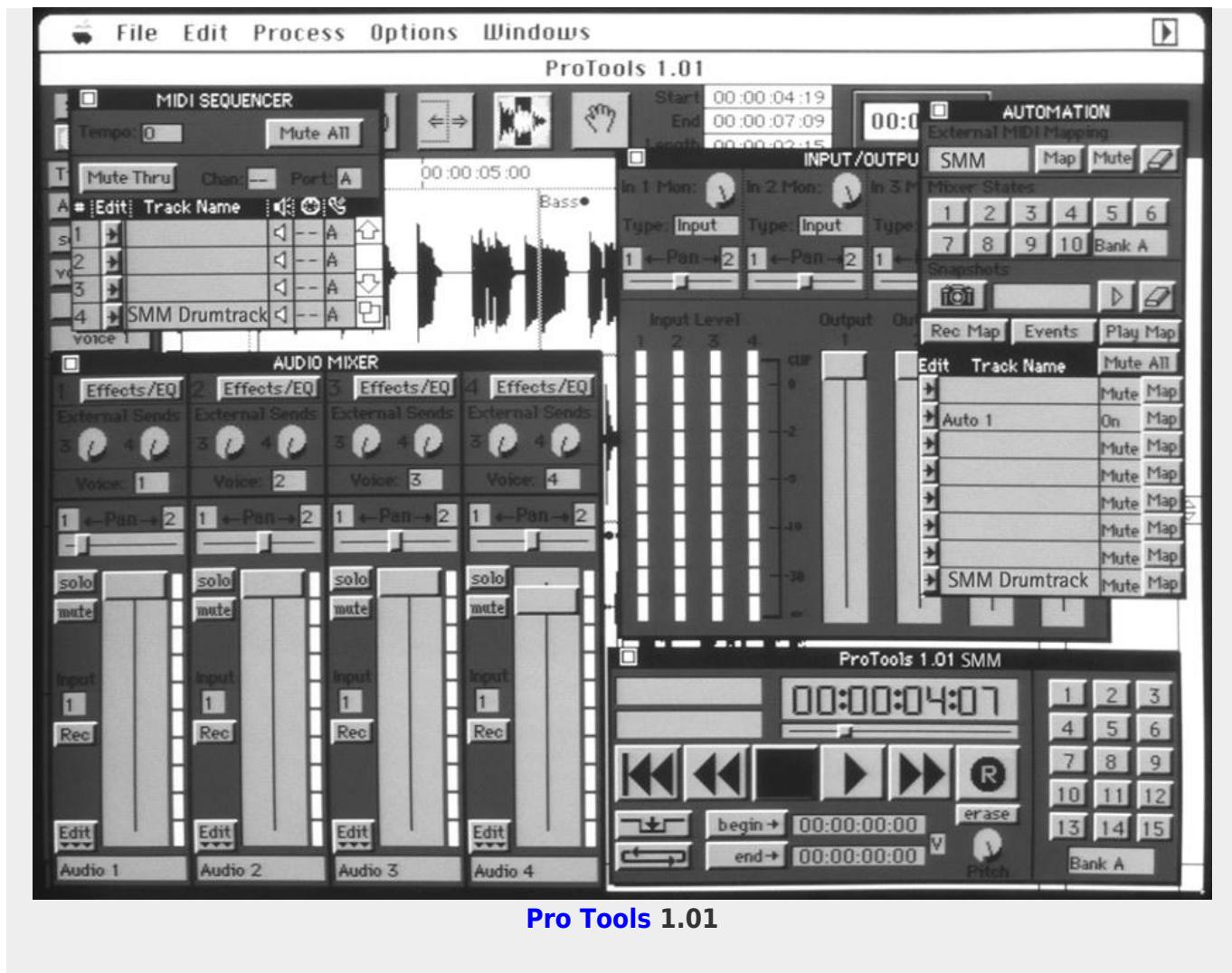
1991 Pro Tools , 1992 Cubase가
Pro Tools BIAS Deck

Pro Tools 1.0

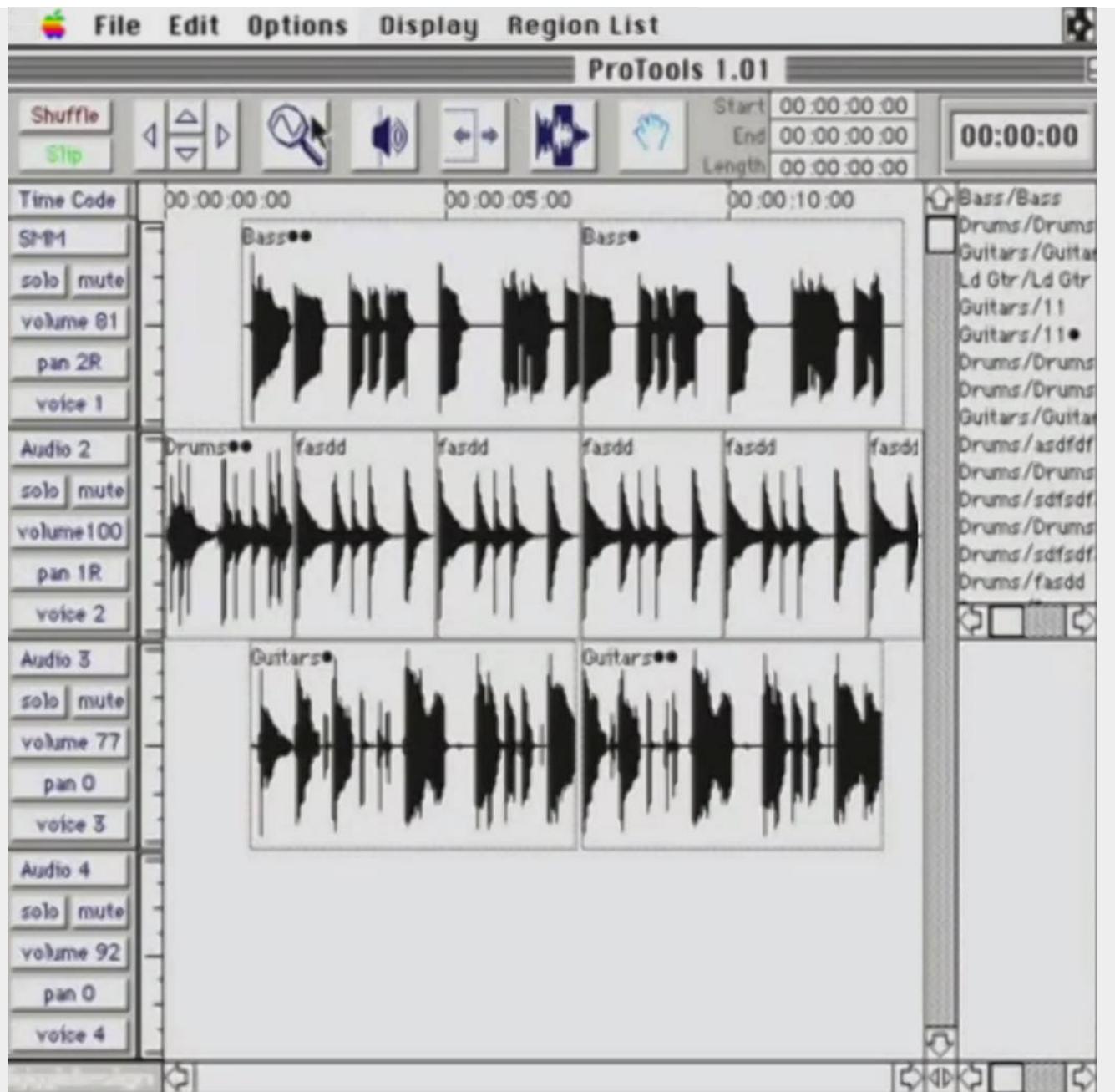


Pro Deck DSP 4-track / Pro Edit 4
, Pro Tools





Pro Tools



Pro Tools 1.01

Pro Tools

<https://www.pro-tools-expert.com/home-page/2018/3/27/a-brief-history-of-pro-tools>

, Cubase, Nuendo, Pro Tools, Logic, Digital Performer

DAW

— *retronica* 2019/05/13 20:30

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- Email

les paul

2)

Rudy Van Gelder

가 ,

Rudy Van Gelder

가

Charles Mingus

Rudy Van Gelder

3)

Reduction,

4)

Reel 16 24 2 "

Studer J37 4, 8-track

1 "

5)

, dash head, https://en.wikipedia.org/wiki/Digital_Audio_Stationary_Head

6)

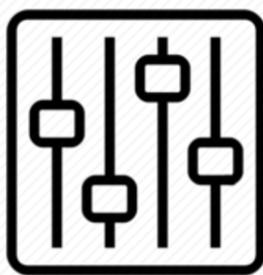
DAT

2

ADAT(ALESIS DAT)

7)

가



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Last update: **2024/04/14**

: admin@homerecz.com)