

TrackMatch is a stand-alone application allowing you to insert audio tracks recorded on any brand of recorder into audio projects generated by CantarX3 or CantarMini - Works on Mac-OS or PC. A free trial version is available: https://www.aaton.com



Pre-requisite:

To use the free trial version of TrackMatch, your computer must be connected to the Internet

Source audio file format must be WAV with embedded time code

Source (Time-coded WAV files) and target file (Cantar recorded files) format must be monophonic

Source audio files must have the same sampling rate and bit depth than the CantarX3/CantarMini recorded files

First step:

project).

Browse Source: Browse and select the folder containing your source WAV audio files to be added to your Cantar project. Browse Target: Browse and select the target folder containing the Cantar monophonic files to be modified (.AAD folders of the Cantar

Click the load button to load both source and target files.



The source table is located on the left side of the screen. Source file names are listed by alphabetical order. File IDs are automatically entered by TrackMatch (S1: Source1, S2: Source2, etc.)

The target table is on the right side of the screen. It shows the file IDs and every available data (Scene, take...) as entered in the Cantar data fields during production

Step 2:

Select the source file you want to add as a new track. TrackMatch will browse every files of the target area for matching time code and will display a highlighted file ID box on the matching Cantar files

	3 target file founded	Analyse	Clean Selec	tions Scene	e View	Tra	ick View Tr	ack 1 🔻	Create sound track	Delete sound trac
		New track name						Out SplTc		
	Connie-000101003055.wav		NC3921				1754784000	1765937642	00:03:52	
S 2	Connie-000101010921.wav	S 2	NC3922							
			NC3923				1879776001	1893358053	00:04:42	
6.4	Cappia 00010102E2E4 way		NC 39 24				1926480000	1928460772	00:00:41	
54	Connie-000101025354.wav	Local Lav					1934352000	1946876384	00:04:20	
		<u>£5</u> /	NC3926							
S 6	Connie-000101050557.wav		NC3927							
\$ 7	Coppio 000101052848 way		NC3928				2217024001	2228416165		
	Comme 000101050040.wav						2263632001	2275035205	00:03:57	
S 8	Connie-210929154435.wav						2200422000		00.03.45	

On above Fig3, the time code of file **Connie-000101025354.wav** could be found in 3 files, **NC3926**, **NC3927** & **NC3928** If desired, a track name can be given to the selected source file. In Fig3, **Local Lav** was entered

If no target file carries the same timecode than the selected source file, a warning message will appear in the upper banner of the source table

:/Sons sate :/Sons Princ	ites ipaux/AudioTrackMatch.CA1/2021-09-29_D0	18 .AAD		
Source file	e timecode doesn't match with any target file.	Analyse	Clean Selections	Scene Viev
	File Name	New track name		cene(Shrt)
S 1	AE1322_0216_044t2601.WAV	S 1	BK3276 TR	K MATC2398
	AE1323 0216 044 t27 01.WAV	S 2	NC3921	5/
S 3	AK6086 110 A t1 03.WAV		NC3922	5/
S 4	BK3258 A503TBK MATC1006 2	<u> </u>	NC3923	5/
5.5	Connie-000101003055 way		NC3924 NC3925	5/
5.6	Coppie-000101010921 way		NC3926	5/A
07	Contrile-000101010321.wav		NC3927	5/A
57	Connie-000101022750.wav		NC3928	5/A
S 8	Connie-000101025354.wav		NC3929	5/B
Ś 9	Connie-000101033000.wav	59	NC3930	5/B

With TrackMatch 1.10 and subsequent versions, if the duration of the source audio file does not entirely cover the Cantar matching target take(s) duration, the track creation is still possible.

The missing time-code areas (at the start and/or at the end) are filled in with audio silences.

	1 patial coverage founded	Analyse	Clean Selections	Scene View
Source				
File ID	File Name	New track name	File ID Sce	ene(Shrt) Take
S 1	AE1335_0216_044t3901.WAV	S 1	BK3276 TRK M	4ATC2398 14
S 2	AE1336_0216_044t4001.WAV	S 2	BK3417 1	1041A t2
S 3	AE1337_0216_044t4101.WAV	S 3	BK3418 1.	1041A t3
S 4	Connie-000101003055.wav	S 4	BK3419 11 BK3420 11	1041A t4 1041A t5

2 entire take 1 missing start 1 missing end founded

File Na

101022750

01.WA

File ID

ՠ֎ՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠ	Source file AE1336
तः जी गानेतः जन्म जो गानेतः जन्मनेतः भी गानेतः जन्मनेतः भिनान प्रैतन १९ जी गानेतः जन्म जी गानेतः जन्मनेतः भी गानेतः जन्मनेताः भिनान प्रितन	Target file BK3419

fig3

On fig5, file BK3419 (highlighted in dark red) duration is longer than the source file A1336... duration, audio silence will be added to the beginning and end of the created track

On fig6, the source file AE1337 covers both target files BK3421 & BK3422, the end of BK3420 (audio silence will be added to the beginning of the created track) and the beginning of BK3423, (audio silence will be added to the end of the new track)

Source file AE1337	๛๚๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๚๛๛๛๚๛๛๛๚๛๛๛๚๛๛๛๛๚๛๛๛๛

BK3423

Target files	ardada a ardada addeljada addeljdelja da ba	ना-क्रीबार्गन्त-ता-क्रीबार्गन्त-तान्त्रिमिश्वित्तात्तन्त्र-	nindhana calandida ya alarka	an dialah a an dialah adalah dialah adalah
	ardada a ardada addeljada addeljdelja da ba	ना-क्रीबार्गन्त-ता-क्रीबार्गन् वार्गनिश्चित्रात्तन्तन्त्	nindhana calandida ka alarka	an dialah a an dialah adalah dialah adalah
	BK3420	BK3421	BK3422	BK3423

fig5 Analyse Clean Selections Scene View Giles BK3421 & BK3422 , the end of files BK3421 & BK3421 & BK3422 , the end of files BK3421 & BK3421

fig6

e(Shrt)



Step 3:

Click on the "track View" button to identify a free track on the target area (fig 7) Click again on the "Track View" button to browse all 24 tracks

Use the Track N drop down box to choose a free track number wich will receive the imported source audio (fig 8)

/2021-09-29_D018 .AAD	,				Brows	e Source e Target	Load	d50942	Check Autor	rization		Bro	wse Target	Load	
Analyse	Clean Select	tions Scene Vie	ew [Track View	 Track 7	•	Create so	ound track	Delet	e sound track	Track View	v Track 1 Track Track Track		Create	sound traci
New track name S 1 S 2 S 3 Local Lav S 5 S 6	File ID BK3276 NC3921 NC3922 NC3923 NC3924 NC3925 NC3926	Scene(Shrt) TRK MATC2398 5/ 5/ 5/ 5/ 5/ 5/	Take 14 t1 t2 t3 t4 t5 t1	Track 1 MIX Mix 1 Mix 1 Mix 1 Mix 1 Mix 1 Mix 1 Mix 1	Track 2 Mix 2 Mix 2 Mix 2 Mix 2 Mix 2 Mix 2 Mix 2 Mix 2	Track 3 boom boom boom boom boom	Track 4 mic scr mic scr mic scr mic scr mic scr	Track 5 clifford clifford clifford clifford clifford clifford	Track 6 connie connie connie connie connie connie	Track 7 mic bed mic bed mic bed mic bed mic bed	Mix 1 Mix 1 Mix 1 Mix 1 Mix 1 Mix 1 Mix 1 Mix 1 Mix 1	Mic Track Mic Track Mic Track Track Mic Track Mix Track Mix 2 Mix 2 Mix 2	boom boom boom	m c screen m c screen m c screen m c screen m c screen	clifford clifford clifford clifford clifford clifford clifford clifford
S 7 S 8 S 9 S 10	NC3927 NC3928 NC3929 NC3930 NC3931	5/A 5/A 5/B 5/B 5/B	t2 t3 t1 t2 t3	Mix 1 Mix 1 Mix 1 Mix 1 Mix 1	Mix 2 Mix 2 Mix 2 Mix 2 Mix 2	boom boom boom boom boom	boom 2	clifford clifford clifford clifford clifford	connie connie connie connie connie		fig7			fi	ig8

On above Fig 7, Track 4 and track 7 are free to be selected on file NC3926, NC3927 & NC3928. Track 7 has been selected as the target track

Step 4:

Out of all the matching files, select the target file(s) in which you want to add the new track and press the "Create Sound Track" button. (Fig9)

3 target file founded		3 target file founded Analyse			w	Track View	Track	7 🔹	Create so	ound track	Delet	e sound tra
	File Name	New track name	File ID			Track 1	Track 2	Track 3		Track 5	Track 6	
	Connie-000101003055.wav		BK3276	TRK MATC2398		MIX						
S 2	Connie-000101010921.wav	<u> </u>	NC3921			Mix 1	Mix 2	boom	mic scr	clifford		mic bed
53	Connie-000101022750 way		NC3922			Mix 1	Mix 2	boom	mic scr	clifford	connie	mic bed
6.4			NC3923			Mix 1	Mix 2	boom		clifford	connie	mic bed
54	Connie-000101025354.wav		NC3924	5/		Mix 1	Mix 2	boom	mic scr	clifford	connie	mic bed
	Connie-000101033000.wav		NC3925			Mix 1	Mix 2	boom		clifford		mic bed
S 6	Connie-000101050557.wav							boom		clifford		
	Coppie 000101052949 wow		NC3927	5/A		Mix 1	Mix 2	boom		clifford	connie	
	Connie-000101055848.wav		NC3928	5/A	t3	Mix 1	Mix 2	boom		clifford	connie	
S 8	Connie-210929154435.wav		NC3929		+1	Min 1	Mix 2	boom		clifford		
S 9		S 9	NC3930	5/B		Mix 1	Mix 2	boom		clifford	connie	
S 10	Connie-210929165010.way		NC3931	5/B		Mix 1	Mix 2	boom	boom 2	clifford	connie	

A new track named "Local Lav" has been created on track 7 of file ID NC3927 & NC3928 (fig 10)

File ID	File Name	New track name	File I	D Scene(Shrt)	Take	Track 1	Track 2	Track 3	Track 4	Track 5	Track 6	Track 7
	Connie-000101003055.wav	S 1	BK327	76 TRK MATC2398		MIX						
S 2	Connie-000101010921.wav	S 2	NC392	21 5/		Mix 1	Mix 2	boom	mic scr	clifford		mic bed
	Connie-000101022750.wav		NC392	22 5/ 23 5/	t2 t3	Mix 1 Mix 1	Mix 2 Mix 2	boom	mic scr	clifford clifford	connie	mic bec
S 4	Connie-000101025354.wav	Local Lav	NC39	24 5/		Mix 1	Mix 2	boom	mic scr	clifford	connie	mic bec
	Connie-000101033000.wav		NC392			Mix 1	Mix 2	boom	mic scr	clifford		mic bea
S 6	Connie-000101050557.wav		NC39:			Mix 1	Mix 2	boom		clifford		
	Connie-000101053848.wav		NC39	27 5/A		Mix 1	Mix 2	boom		clifford	connie	Local La
S 8	Connie-210929154435.wav		NC39	28 5/A 29 5/B	t3 t1	Mix 1 Mix 1	Mix 2 Mix 2	boom		clifford	connie	Local La

fig10



Track removal

TrackMatch can also be used to suppress an unwanted track from the Monophonic Cantar day folder. It can remove tracks that have been added using TrackMatch but also original tracks created during the production recording.

In the target table, select the file you want to modify, use the Track N drop down box to choose the track number to be deleted and click on the Delete Sound Track button, validate with OK



On the above fig 11, track 7 of the file NC3928 has been selected

For security, deleted tracks are renamed with the .DEL extension and saved in your target folder. To clean up your project, you will have to delete them manually using your operating system's file browser (MAC Finder or Windows Explorer).

