

Time alignment saved.

TUNING REPORT

F Carpio (Tesla Model 3)

Three-way (midbass + midrange + tweeter) · no rear · Main sub

Tuned by F carpio

Generated July 23, 2026

SUMMARY

Front stage

Rear

Three-way (midbass + midrange + tweeter)

None

Subwoofer

Target curve

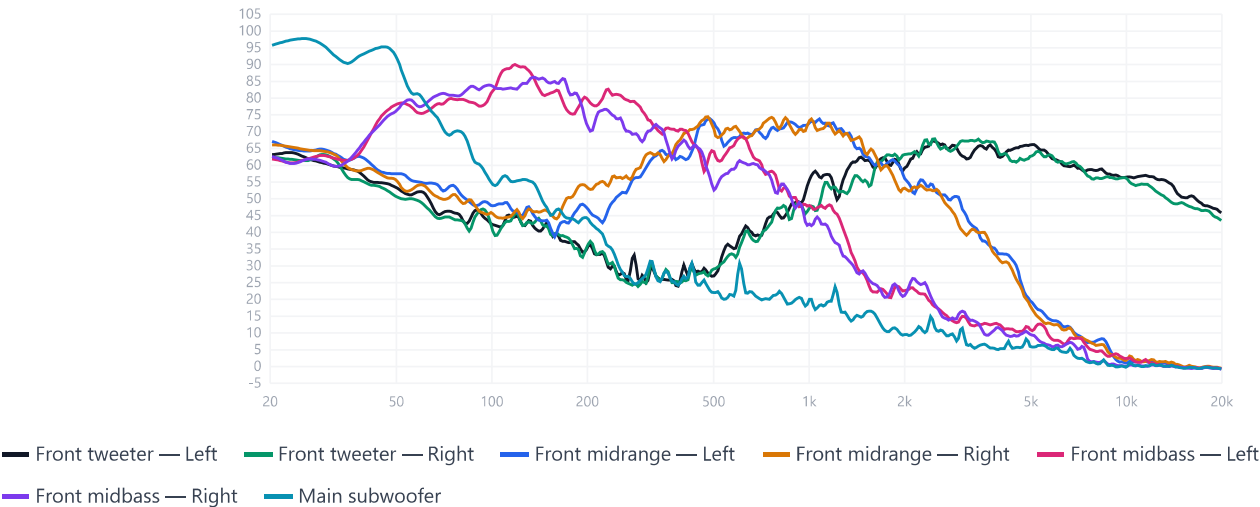
Main sub

FLT Resonix LB Dark

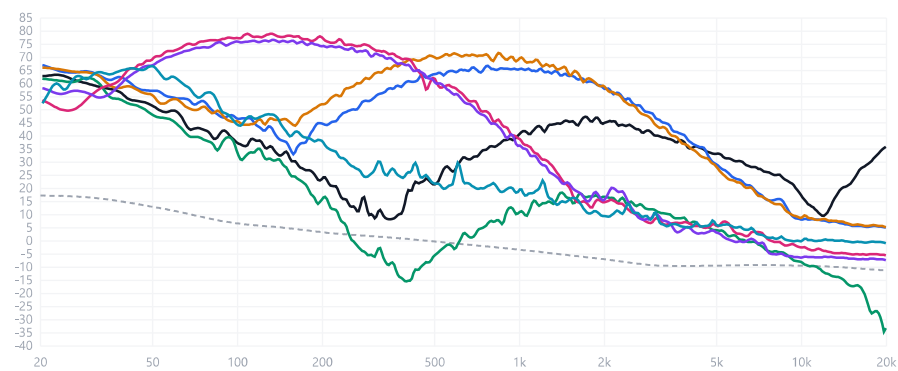
CROSSOVERS

DRIVER	HPF (HZ)	LPF (HZ)
Front tweeter	1,800	20,000
Front midrange	400	1,800
Front midbass	80	400
Main subwoofer	20	80

INITIAL MEASUREMENTS



EQ FILTERS



--- Target — Front tweeter — Left — Front tweeter — Right — Front midrange — Left — Front midrange — Right — Front midbass — Left — Front midbass — Right — Main subwoofer

Front tweeter — Left Audiotec Fischer — Full EQ (30 bands) · target 71.0 dB · 19 hours ago

#	TYPE	FREQ (HZ)	GAIN (DB)	Q
1	PK	11,968.0	-30.00	1.00
2	PK	374.0	-28.80	1.00
3	PK	1,714.0	5.98	1.00
4	PK	9,948.6	6.00	2.31
5	PK	10,166.4	6.00	2.49
6	PK	1,236.8	6.00	7.29
7	PK	833.5	6.00	7.43
8	PK	1,296.7	-22.92	1.00
9	PK	2,474.9	-7.90	2.32
10	PK	443.9	6.00	1.82
11	PK	456.1	6.00	1.77
12	PK	391.2	6.00	3.87
14	PK	638.7	-0.01	4.95
15	PK	3,373.2	-10.91	2.51
16	PK	5,510.8	-5.58	3.79
17	PK	1,276.3	6.00	1.21
18	PK	7,914.7	-1.78	4.97
19	PK	3,177.7	6.00	7.46
20	PK	698.5	6.00	7.48
21	PK	1,236.8	6.00	7.50
22	PK	798.3	-0.39	4.98
23	PK	4,768.9	-8.12	3.14
24	PK	2,009.7	2.85	7.50
25	PK	6,736.7	-2.53	4.90

#	TYPE	FREQ (HZ)	GAIN (DB)	Q
26	PK	10,240.2	-30.00	1.00
27	PK	945.9	5.99	7.49
28	PK	545.3	0.00	4.97
29	PK	1,006.7	-3.06	4.98
30	PK	486.6	6.00	1.84

Front tweeter — Right

Audiotec Fischer — Full EQ (30 bands) · target 42.0 dB · 19 hours ago

#	TYPE	FREQ (HZ)	GAIN (DB)	Q
1	PK	6,962.5	-16.57	1.31
2	PK	19,896.8	-30.00	1.00
3	PK	423.6	-30.00	1.00
4	PK	12,421.7	3.95	7.50
5	PK	19,896.8	-30.00	1.00
6	PK	977.2	6.00	1.00
7	PK	639.1	6.00	1.90
8	PK	571.9	6.00	2.10
10	PK	518.6	6.00	2.53
11	PK	1,192.1	-0.67	5.00
12	PK	12,361.5	-30.00	1.00
13	PK	14,961.3	-6.76	3.92
14	PK	752.7	6.00	1.38
15	PK	1,253.3	6.00	7.42
16	PK	17,630.7	-30.00	1.00
17	PK	816.1	-9.04	4.97
18	PK	2,418.6	-12.02	3.65
19	PK	3,658.1	-23.47	1.31
20	PK	1,209.5	-30.00	1.00
21	PK	443.8	6.00	4.74
22	PK	1,749.9	-8.67	4.76
23	PK	5,367.6	-16.37	1.63
24	PK	9,668.4	-15.22	1.57
25	PK	3,039.2	-4.25	1.40
26	PK	618.0	-30.00	1.00
28	PK	1,243.3	5.93	1.00
29	PK	2,032.8	-4.02	4.67
30	PK	3,079.3	-5.41	4.98

Front midrange — Left

Audiotec Fischer — Full EQ (30 bands) · target 66.5 dB · 14 hours ago

#	TYPE	FREQ (HZ)	GAIN (DB)	Q
1	PK	4,534.0	6.00	1.00
2	PK	2,085.6	6.00	1.00
3	PK	602.4	5.98	3.31
4	PK	824.5	6.00	1.00
5	PK	607.3	-12.29	1.81
6	PK	477.5	-9.99	3.79
7	PK	893.5	-11.35	4.25
8	PK	160.0	-6.11	2.00
9	PK	1,291.7	-6.43	3.73
10	PK	1,072.2	-7.71	3.04
11	PK	2,938.0	-9.68	5.00
12	PK	2,246.4	-8.19	5.00
13	PK	1,877.4	-7.47	5.00
14	PK	332.9	-4.64	5.00
15	PK	412.7	6.00	7.20
16	PK	2,140.1	6.00	7.47
17	PK	223.7	5.49	7.50
18	PK	4,257.8	-4.07	5.00
19	PK	3,512.3	-3.46	4.54
20	PK	4,257.6	-4.08	5.00
21	PK	542.4	6.00	7.50
22	PK	915.0	5.90	6.56
23	PK	2,515.2	-3.55	4.95
24	HS Q	2,267.0	5.85	0.71

Front midrange — Right

Audiotec Fischer — Full EQ (30 bands) · target 73.5 dB · 19 hours ago

#	TYPE	FREQ (HZ)	GAIN (DB)	Q
1	PK	480.7	-6.26	5.00
2	PK	4,434.1	6.00	1.42
3	PK	3,383.2	6.00	1.00
4	PK	291.5	5.99	2.39
5	PK	2,500.3	-7.10	3.66
6	PK	1,037.2	-10.87	3.28
7	PK	3,614.2	-7.89	4.97
8	PK	4,299.6	-9.78	4.99

#	TYPE	FREQ (HZ)	GAIN (DB)	Q
9	PK	354.1	6.00	7.06
10	PK	1,938.6	6.00	7.29
11	PK	691.6	6.00	7.42
12	PK	3,401.1	-4.77	5.00
14	PK	935.9	5.98	6.22
15	PK	514.8	6.00	7.50
16	PK	1,065.9	6.00	7.50
17	PK	303.9	-7.72	2.74
18	PK	1,878.2	-1.93	4.98
19	PK	694.1	-7.54	3.94
20	PK	2,773.9	-3.48	4.98
21	PK	637.9	6.00	7.50
22	PK	1,417.4	-2.02	5.00
23	PK	189.9	-3.61	10.67
24	PK	277.9	4.43	5.61
25	PK	172.7	-1.50	22.44
26	HS Q	2,217.0	5.91	0.71

Front midbass — Left

Audiotec Fischer — Full EQ (30 bands) · target 74.0 dB · 19 hours ago

#	TYPE	FREQ (HZ)	GAIN (DB)	Q
1	PK	1,348.7	-8.03	1.00
2	PK	780.5	6.00	1.00
3	PK	119.0	-12.41	2.34
4	PK	27.0	-9.87	2.00
5	PK	239.2	-6.71	2.29
6	PK	33.4	6.00	2.73
7	PK	1,429.0	6.00	3.42
8	PK	625.3	-5.20	5.00
9	PK	93.6	5.99	6.82
10	PK	768.5	-5.62	4.97
11	PK	177.3	6.00	7.47
12	PK	336.2	4.17	7.38
13	PK	621.4	-6.28	5.00
14	PK	213.5	3.62	7.45
15	PK	49.2	-6.44	10.06
16	PK	146.0	3.60	7.49

#	TYPE	FREQ (HZ)	GAIN (DB)	Q
17	PK	53.3	-6.36	8.10
18	PK	48.4	6.00	2.00
19	PK	43.3	-4.04	15.69
20	PK	382.2	-0.55	4.62
21	PK	46.0	-5.31	12.90
22	PK	160.5	-2.23	21.04
23	PK	72.4	-1.34	7.24
24	PK	977.6	-1.75	3.25
25	PK	1,185.0	-8.16	5.00
26	HS Q	715.0	-4.73	0.71
27	LS Q	62.4	-4.95	0.71

Front midbass — Right

Audiotec Fischer — Full EQ (30 bands) · target 72.0 dB · 19 hours ago

#	TYPE	FREQ (HZ)	GAIN (DB)	Q
1	PK	287.8	12.00	1.02
2	PK	621.0	-14.37	2.20
3	PK	1,044.9	-23.72	2.09
4	PK	734.1	-6.13	4.29
5	PK	1,020.4	11.82	1.00
6	PK	594.4	12.00	1.01
7	PK	167.7	-6.45	8.72
8	PK	205.6	12.00	6.90
9	PK	246.5	-7.62	3.06
10	PK	791.5	12.00	7.50
11	PK	56.6	-10.06	2.65
12	PK	496.6	12.00	6.74
13	PK	93.8	-5.14	2.68
14	PK	141.0	-10.85	2.53
15	PK	335.6	-11.73	4.54
16	PK	371.9	12.00	7.50
17	PK	385.2	-9.42	4.94
18	PK	68.7	-1.26	10.37
19	PK	464.9	-10.32	3.95
20	PK	1,014.1	9.45	7.48
21	PK	187.4	-5.77	10.51
22	PK	215.4	-10.04	4.71

#	TYPE	FREQ (HZ)	GAIN (DB)	Q
23	PK	809.6	-13.47	5.00
24	PK	59.2	6.36	5.97
25	HS Q	640.0	-6.42	0.71
26	LS Q	76.0	-4.09	0.71

Main subwoofer

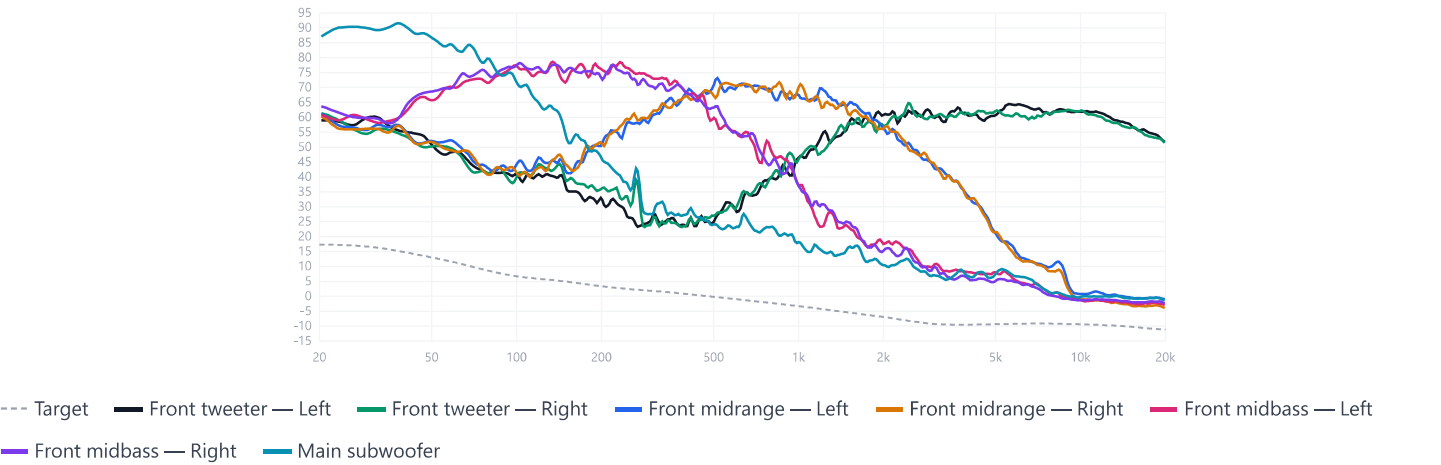
Audiotec Fischer — Full EQ (30 bands) · target 68.0 dB · 19 hours ago

#	TYPE	FREQ (HZ)	GAIN (DB)	Q
1	PK	24.3	-30.00	2.00
2	PK	20.0	-24.18	2.00
3	PK	28.7	10.89	2.04
4	PK	23.1	12.00	3.73
5	PK	39.1	-3.82	3.34
6	PK	46.4	-9.78	4.30
7	PK	249.4	-3.55	4.96
8	PK	259.1	5.56	6.46
9	PK	209.6	-4.24	4.80
10	PK	29.2	-9.71	5.74
11	LS Q	130.0	-10.97	0.71

TIME ALIGNMENT

DRIVER	DISTANCE (IN)	DELAY (MS)
Front tweeter — Left	37.50	1.74
Front tweeter — Right	51.50	0.70
Front midrange — Left	49.75	0.83
Front midrange — Right	56.50	0.33
Front midbass — Left	43.25	1.31
Front midbass — Right	54.25	0.50
Main subwoofer	61.00	0.00 REF

LEVELS



DRIVER	LEVEL TRIM (DB)	STATUS
Front tweeter — Left	-3.1	Captured · 2 days ago
Front tweeter — Right	-2.1	Captured · 2 days ago
Front midrange — Left	-0.2	Captured · 2 days ago
Front midrange — Right	-3.0	Captured · 2 days ago
Front midbass — Left	-2.0	Captured · 2 days ago
Front midbass — Right	-1.4	Captured · 2 days ago
Main subwoofer	-0.2	Captured · 2 days ago