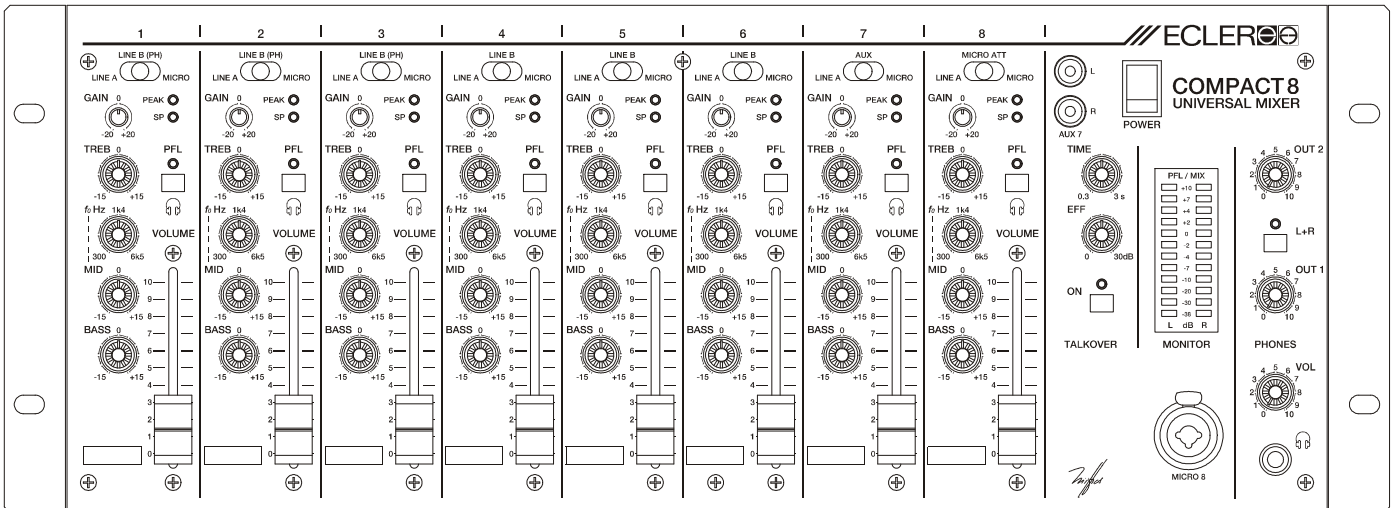


# COMPACT 8

## SERVICE MANUAL



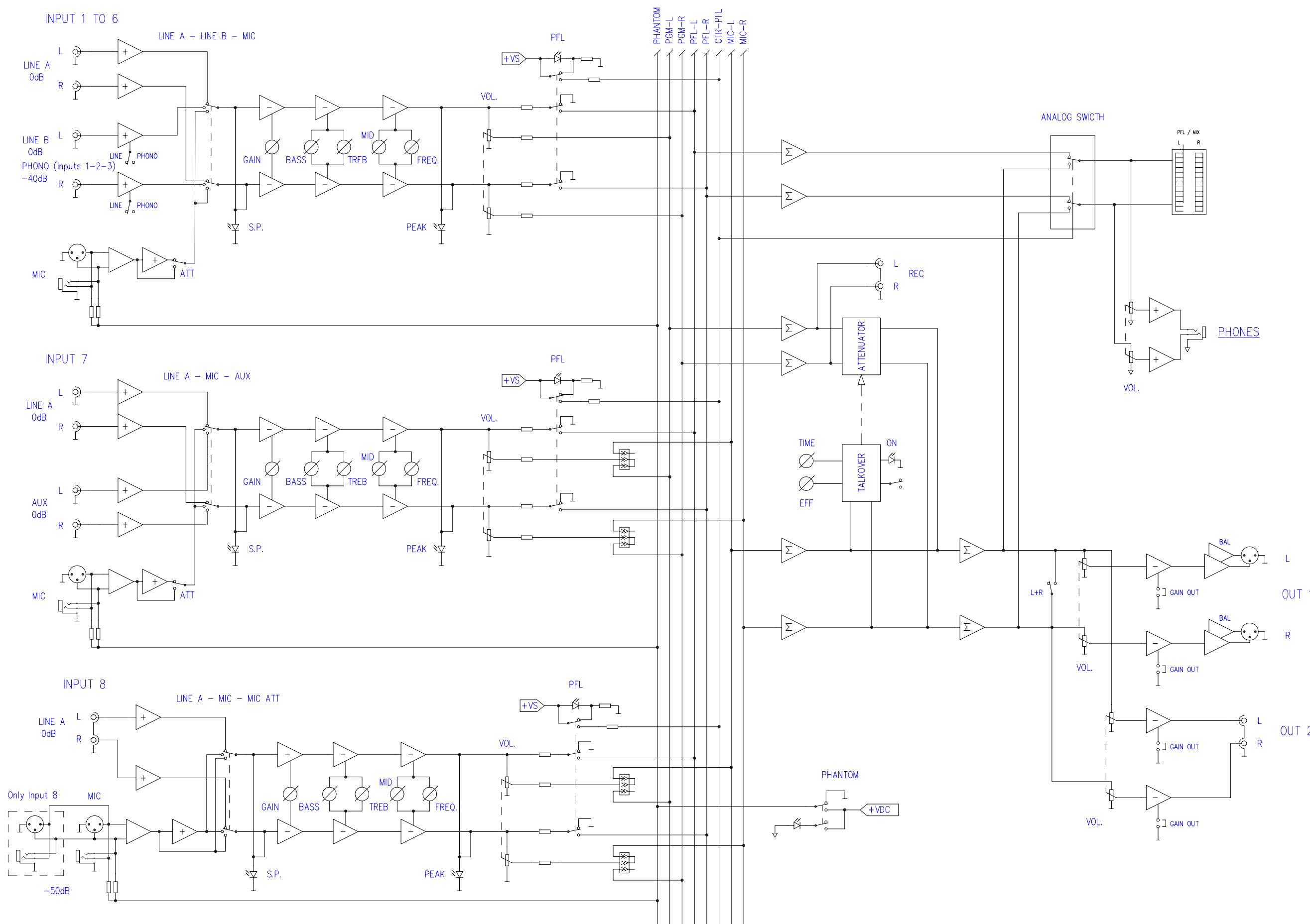
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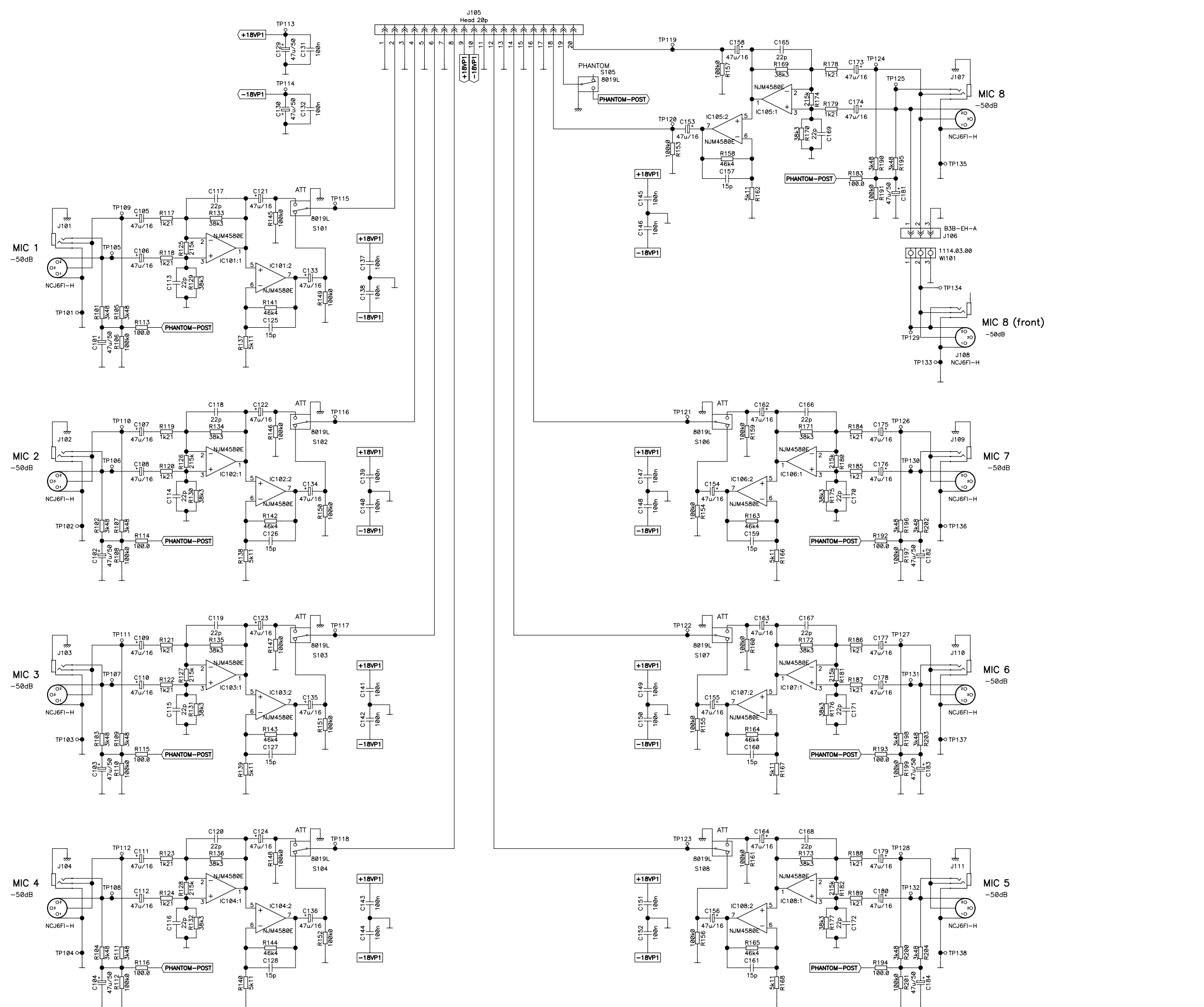
## AUDIO CREATIVE POWER

# SERVICE MANUAL COMPACT 8


## INDEX

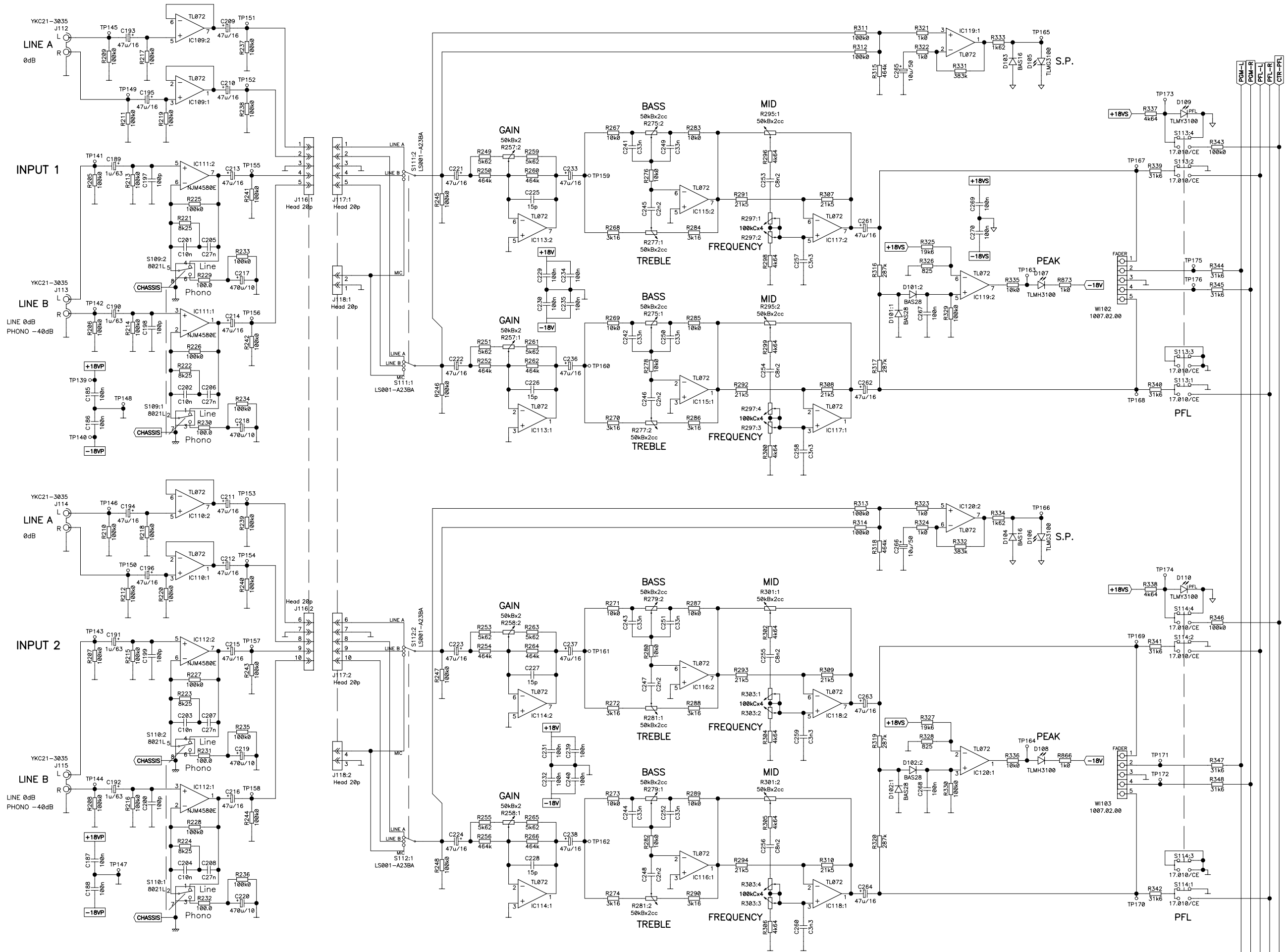
- BLOCK DIAGRAM
- SCHEMATICS
- COMPONENTS LOCATION SCHEMA
- TESTING AND QUALITY CONTROL
- TECHNICAL CHARACTERISTICS
- WIRING DIAGRAM
- CONFIGURATION DIAGRAM
- MECHANICAL DIAGRAM
- PACKING DIAGRAM



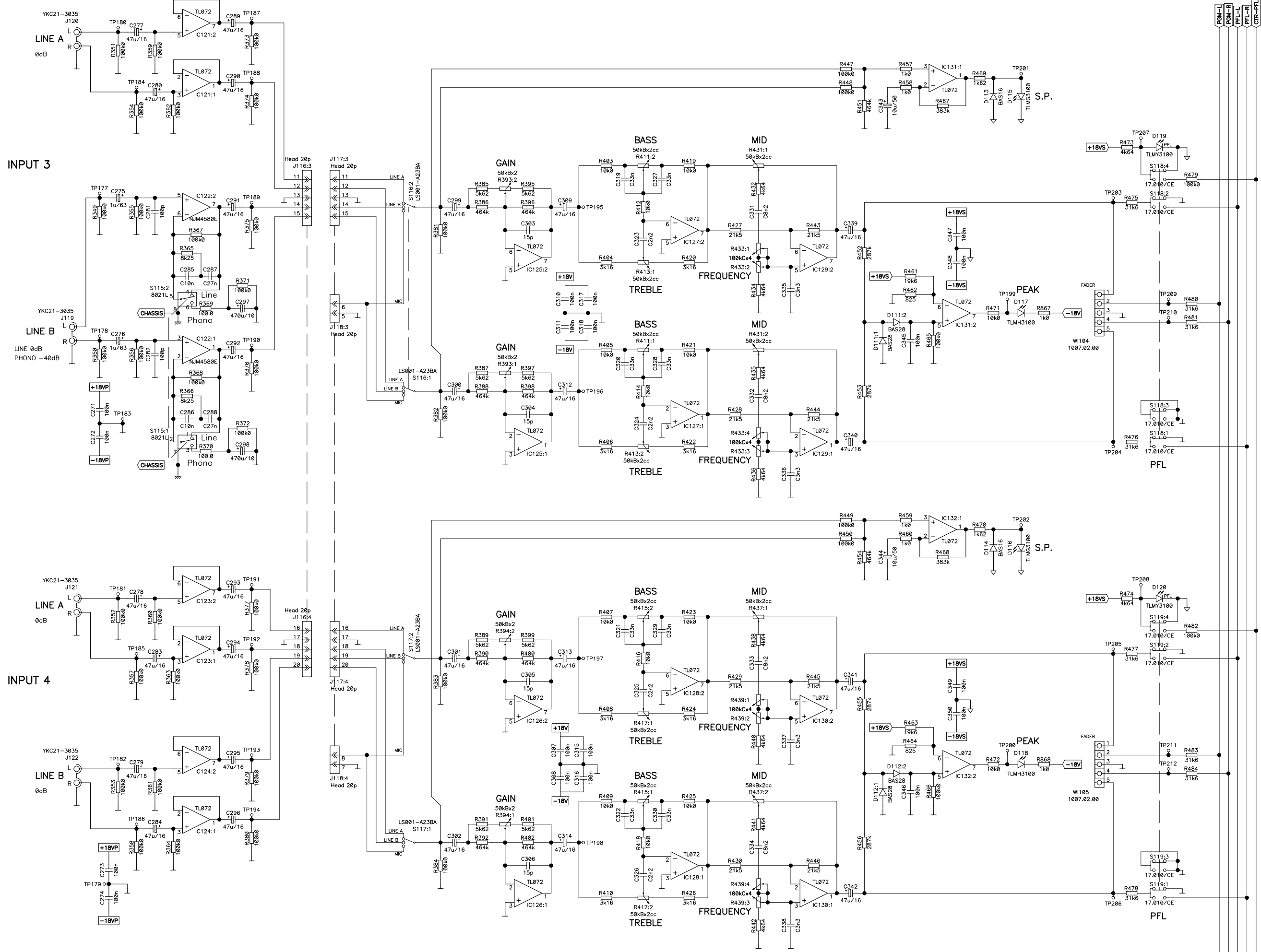



Printed Board 11.1045

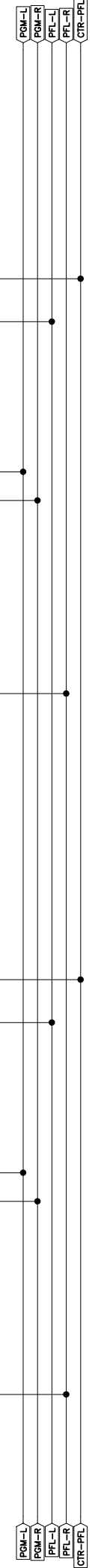
 LABORATÓRIO DE ELECTRO-ACUSTICA S.A.	drawn by: M. Amoros	date: 060206	approved: J.M. Mas
	project n: M07-05	title: Main Sch.	
number: 10.0718	product n: Compact8	page: 1 of 6	

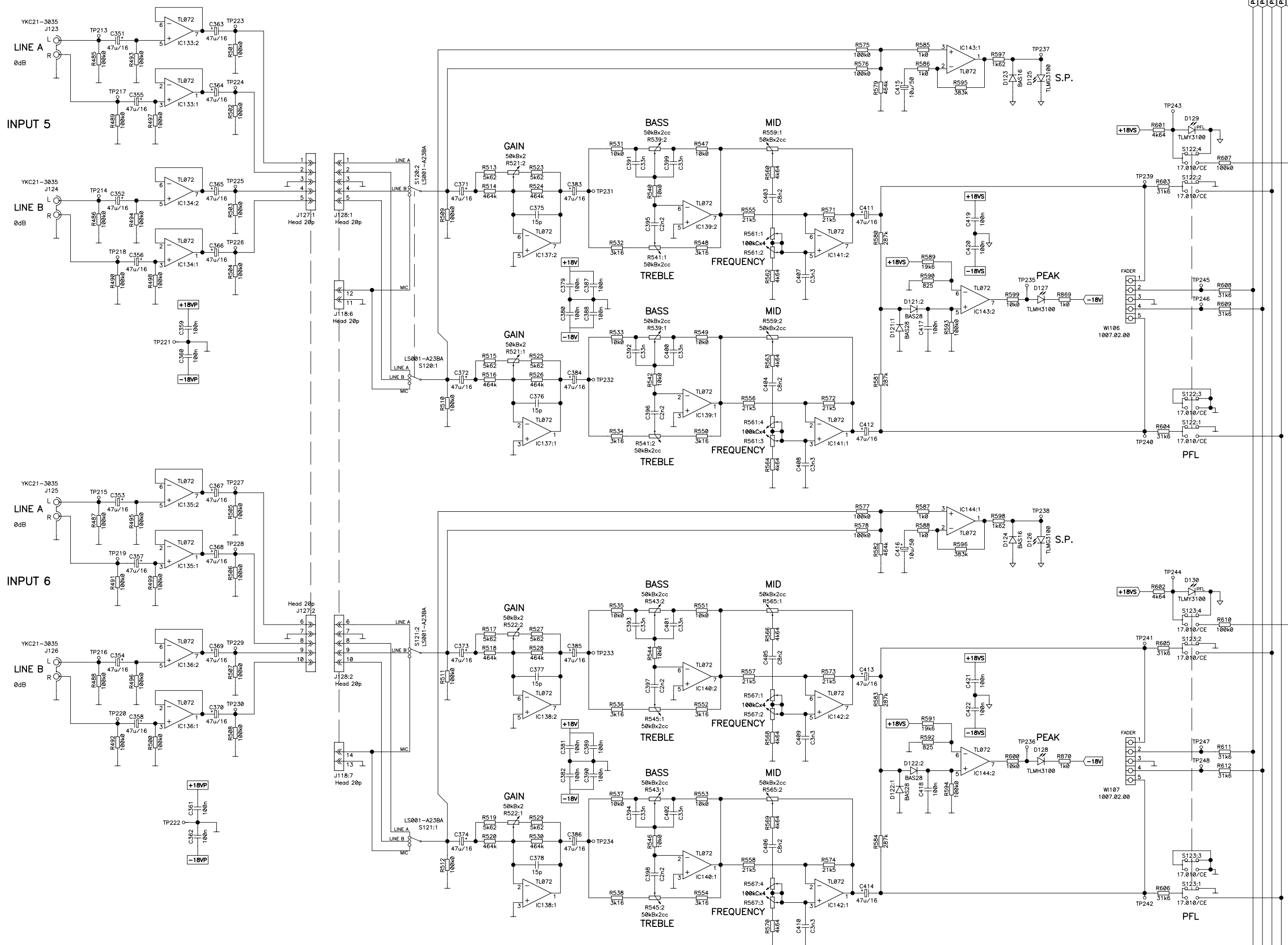


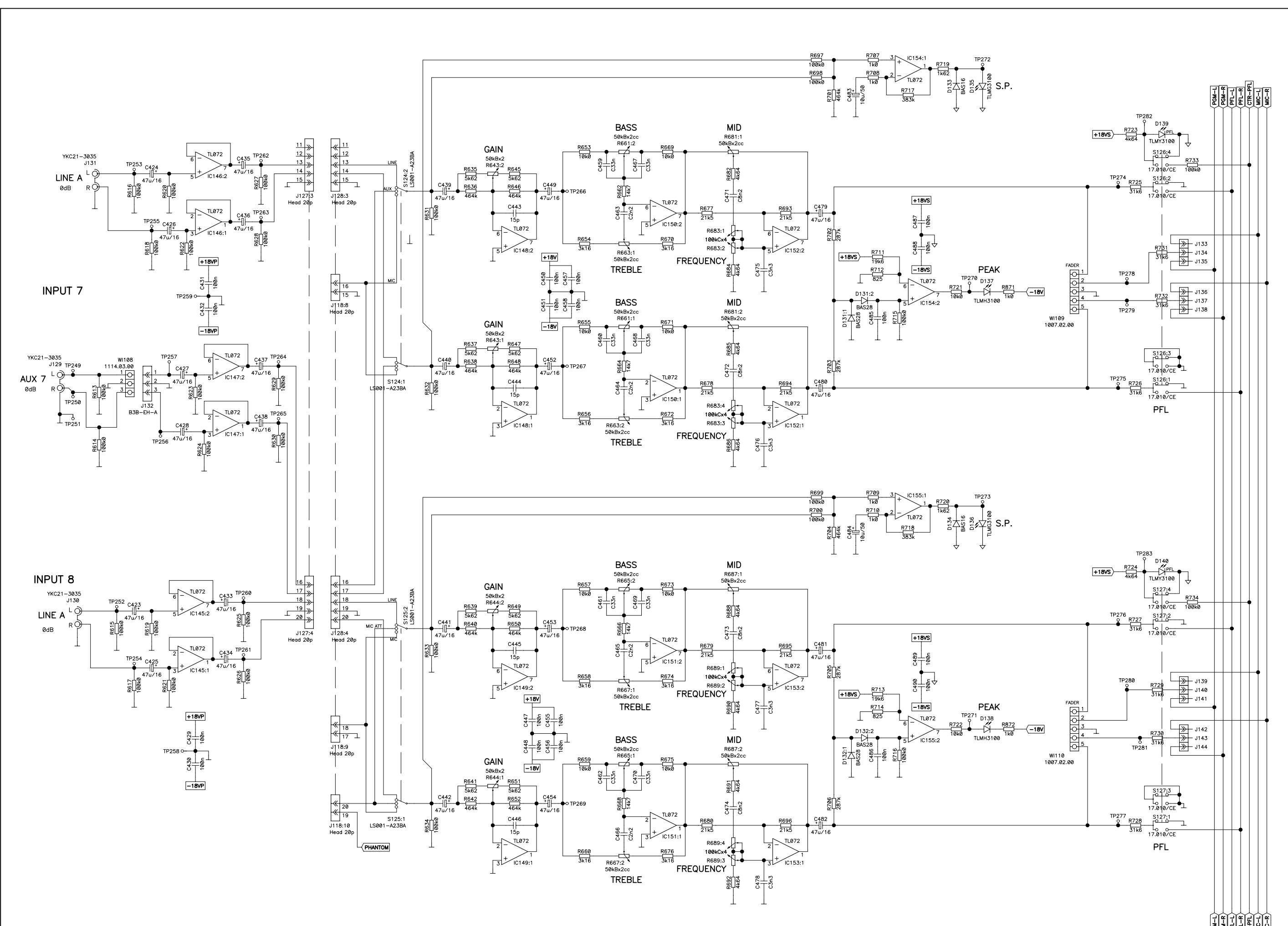
drawn by: M. Amoros	date: 060206	approved: J.M. Mas
project n: M07-05	title: Main Sch.	
product n: Compact8		
number: 10.0718	version: 01.02	page: 2 of 6




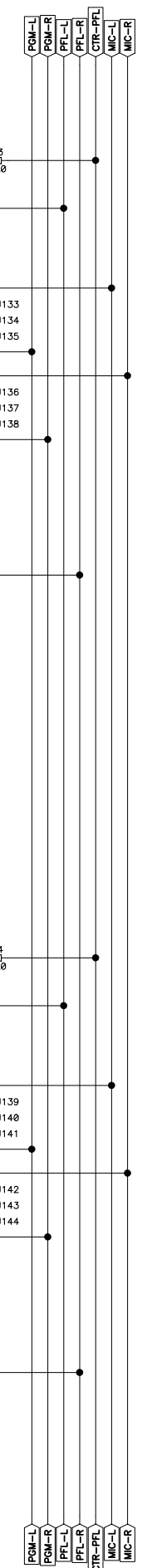
 LABORATÓRIO DE ELECTRO-ACUSTICA S.A.	drawn by: M. Amoros	date: 060206	approved: J.M. Mas
	project n: M07-05	title: Main Sch.	
	product n: Compact8	number: 10.0718	
version: 01.02	page: 3 of 6		



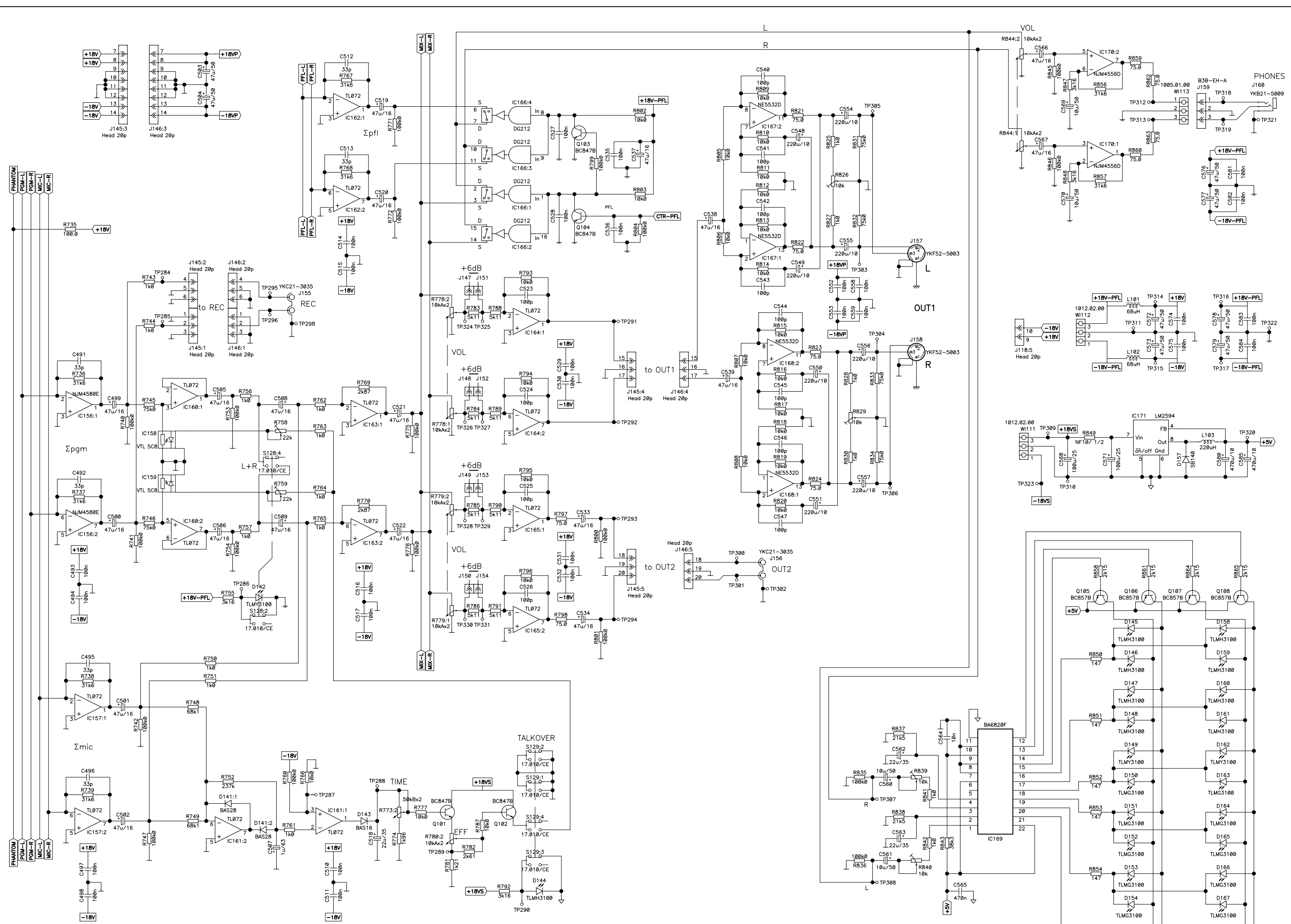


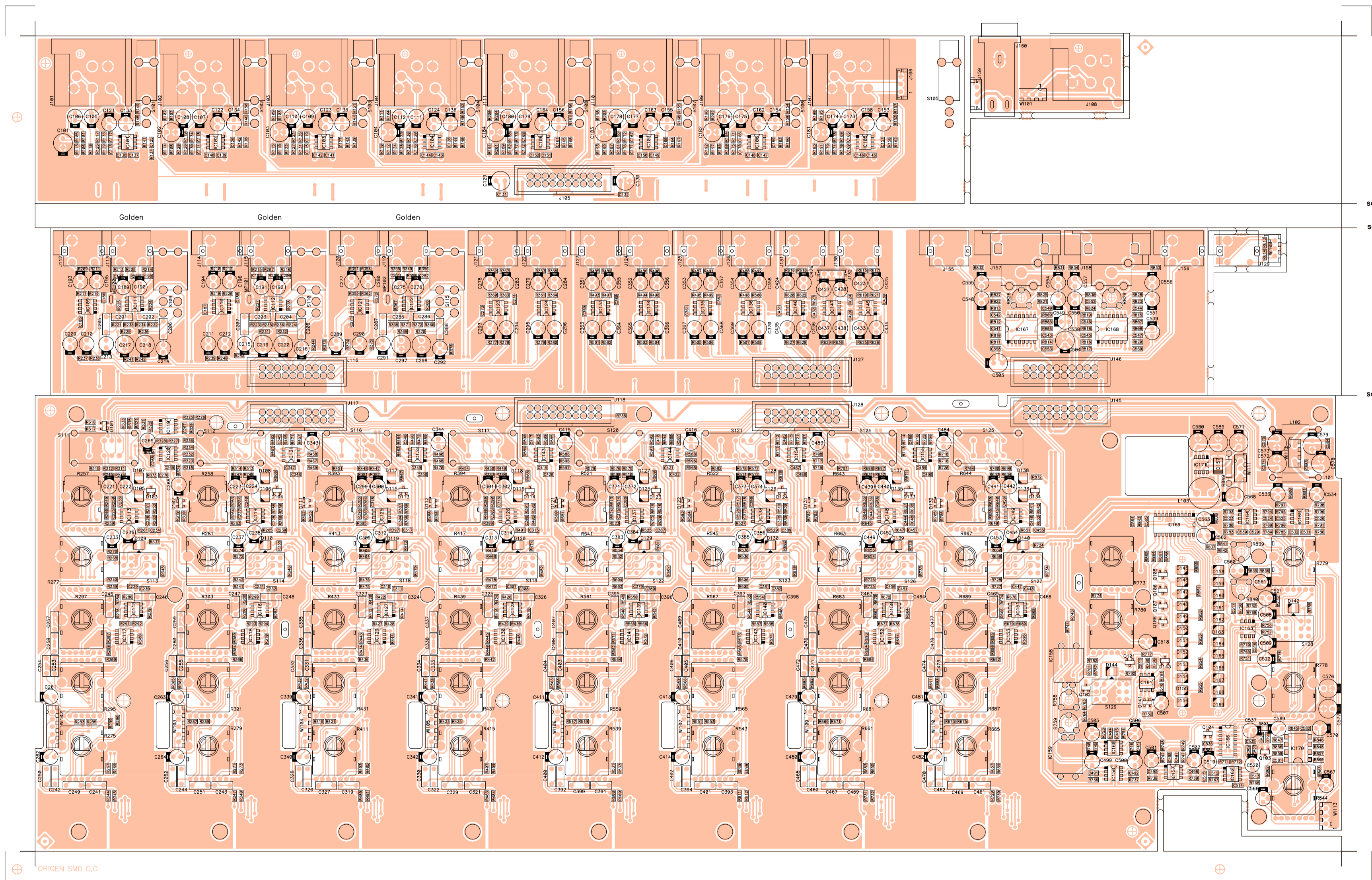


 LABORATORIO DE ELECTRO-ACUSTICA S.A.	drawn by: M. Amoros	date: 060206	approved: J.M. Mas
	project n: M07-05	title:	
	product n: Compact8	<h1>Main Sch.</h1>	
number: 10.0718	version: 01.02		




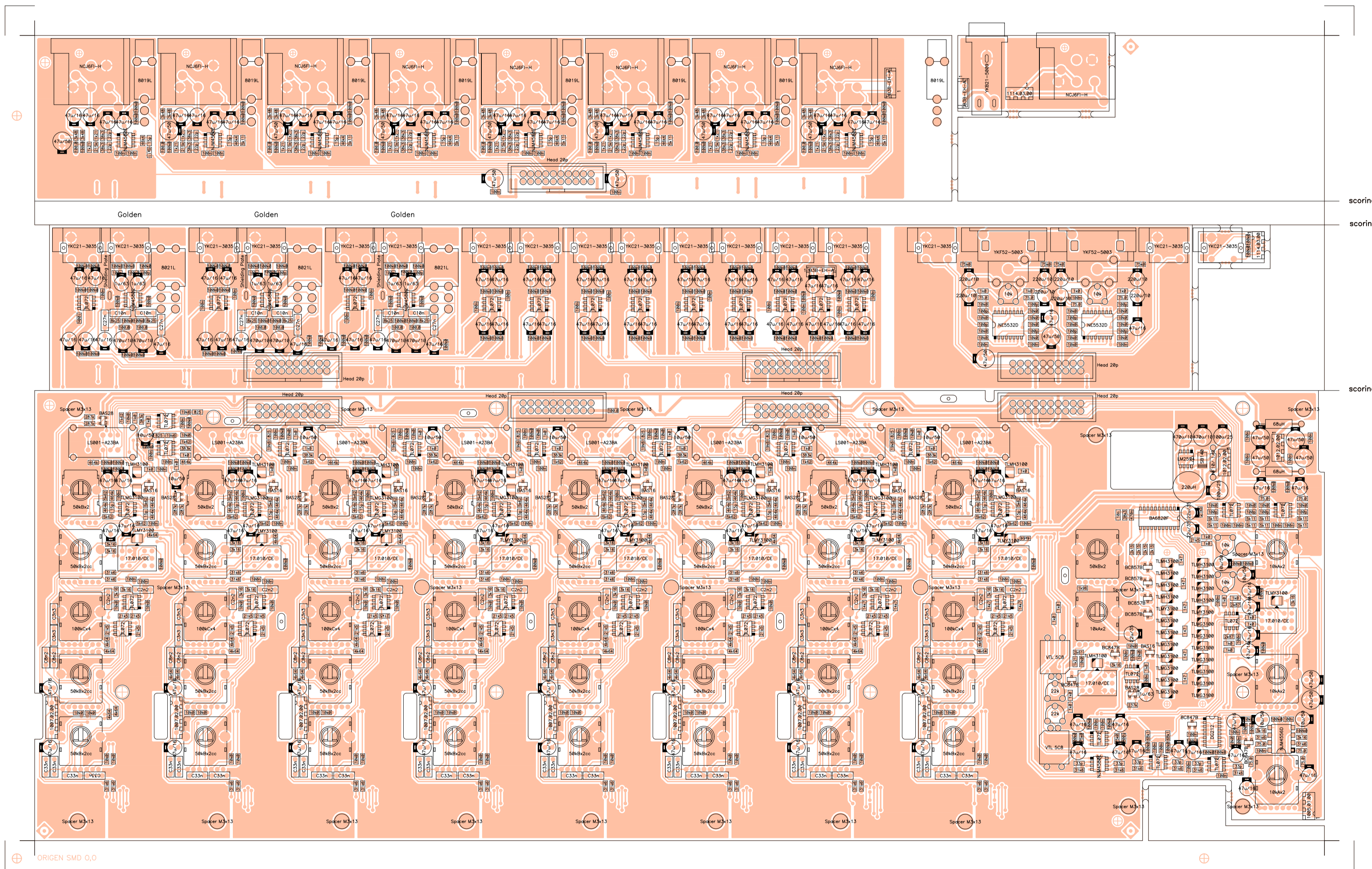







scoring  
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scoring

 LABORATORIO DE ELECTRO-ACUSTICA S.A.	related to:	circuit no: 11.1045-03.00 schema no: 10.0718-01.02 insertion file no: 01.0105-01.02	side: Component
	project n:	M07-05	view: Reference
number: 33.0967	version: 01.02	product n: Compact8	Overall Ct.
drawn by: M. Amoros	date: 060206	approved: J.M.Mas	



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scoring

 LABORATORIO DE ELECTRO-ACUSTICA S.A.	related to:	circuit no: 11.1045-03.00 schema no: 10.0718-01.02 insertion file no: 01.0105-01.02	side: Component
	project n: M07-05	title:	view: Value
number: 33.0968	version: 01.02	product n: Compact8	Overall Ct.
drawn by: M. Amoros	date: 060206	approved: J.M.Mas	

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCCE25047000	47u/50	C101
FCCE25047000	47u/50	C102
FCCE25047000	47u/50	C103
FCCE25047000	47u/50	C104
FCCE10000000	47u/16	C105
FCCE10000000	47u/16	C106
FCCE10000000	47u/16	C107
FCCE10000000	47u/16	C108
FCCE10000000	47u/16	C109
FCCE10000000	47u/16	C110
FCCE10000000	47u/16	C111
FCCE10000000	47u/16	C112
FCXCD1220000	22p	C113
FCXCD1220000	22p	C114
FCXCD1220000	22p	C115
FCXCD1220000	22p	C116
FCXCD1220000	22p	C117
FCXCD1220000	22p	C118
FCXCD1220000	22p	C119
FCXCD1220000	22p	C120
FCCE10000000	47u/16	C121
FCCE10000000	47u/16	C122
FCCE10000000	47u/16	C123
FCCE10000000	47u/16	C124
FCXCD1150000	15p	C125
FCXCD1150000	15p	C126
FCXCD1150000	15p	C127
FCXCD1150000	15p	C128
FCCE25047000	47u/50	C129
FCCE25047000	47u/50	C130
FCXCD4100000	100n	C131
FCXCD4100000	100n	C132
FCCE10000000	47u/16	C133
FCCE10000000	47u/16	C134
FCCE10000000	47u/16	C135
FCCE10000000	47u/16	C136
FCXCD4100000	100n	C137
FCXCD4100000	100n	C138
FCXCD4100000	100n	C139
FCXCD4100000	100n	C140
FCXCD4100000	100n	C141
FCXCD4100000	100n	C142
FCXCD4100000	100n	C143
FCXCD4100000	100n	C144
FCXCD4100000	100n	C145
FCXCD4100000	100n	C146
FCXCD4100000	100n	C147
FCXCD4100000	100n	C148
FCXCD4100000	100n	C149
FCXCD4100000	100n	C150
FCXCD4100000	100n	C151
FCXCD4100000	100n	C152
FCCE10000000	47u/16	C153
FCCE10000000	47u/16	C154
FCCE10000000	47u/16	C155
FCCE10000000	47u/16	C156

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCXCD1150000	15p	C157
FCCE1000000	47u/16	C158
FCXCD1150000	15p	C159
FCXCD1150000	15p	C160
FCXCD1150000	15p	C161
FCCE1000000	47u/16	C162
FCCE1000000	47u/16	C163
FCCE1000000	47u/16	C164
FCXCD1220000	22p	C165
FCXCD1220000	22p	C166
FCXCD1220000	22p	C167
FCXCD1220000	22p	C168
FCXCD1220000	22p	C169
FCXCD1220000	22p	C170
FCXCD1220000	22p	C171
FCXCD1220000	22p	C172
FCCE1000000	47u/16	C173
FCCE1000000	47u/16	C174
FCCE1000000	47u/16	C175
FCCE1000000	47u/16	C176
FCCE1000000	47u/16	C177
FCCE1000000	47u/16	C178
FCCE1000000	47u/16	C179
FCCE1000000	47u/16	C180
FCCE25047000	47u/50	C181
FCCE25047000	47u/50	C182
FCCE25047000	47u/50	C183
FCCE25047000	47u/50	C184
FCXCD4100000	100n	C185
FCXCD4100000	100n	C186
FCXCD4100000	100n	C187
FCXCD4100000	100n	C188
FCCE30001000	1u/63	C189
FCCE30001000	1u/63	C190
FCCE30001000	1u/63	C191
FCCE30001000	1u/63	C192
FCCE1000000	47u/16	C193
FCCE1000000	47u/16	C194
FCCE1000000	47u/16	C195
FCCE1000000	47u/16	C196
FCXCD2100000	100p	C197
FCXCD2100000	100p	C198
FCXCD2100000	100p	C199
FCXCD2100000	100p	C200
FCCDK1010000	C10n	C201
FCCDK1010000	C10n	C202
FCCDK1010000	C10n	C203
FCCDK1010000	C10n	C204
FCCDK5027000	C27n	C205
FCCDK5027000	C27n	C206
FCCDK5027000	C27n	C207
FCCDK5027000	C27n	C208
FCCE1000000	47u/16	C209
FCCE1000000	47u/16	C210
FCCE1000000	47u/16	C211
FCCE1000000	47u/16	C212

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCCE10000000	47u/16	C213
FCCE10000000	47u/16	C214
FCCE10000000	47u/16	C215
FCCE10000000	47u/16	C216
FCCE03000000	470u/10	C217
FCCE03000000	470u/10	C218
FCCE03000000	470u/10	C219
FCCE03000000	470u/10	C220
FCCE10000000	47u/16	C221
FCCE10000000	47u/16	C222
FCCE10000000	47u/16	C223
FCCE10000000	47u/16	C224
FCXCD1150000	15p	C225
FCXCD1150000	15p	C226
FCXCD1150000	15p	C227
FCXCD1150000	15p	C228
FCXCD4100000	100n	C229
FCXCD4100000	100n	C230
FCXCD4100000	100n	C231
FCXCD4100000	100n	C232
FCCE10000000	47u/16	C233
FCXCD4100000	100n	C234
FCXCD4100000	100n	C235
FCCE10000000	47u/16	C236
FCCE10000000	47u/16	C237
FCCE10000000	47u/16	C238
FCXCD4100000	100n	C239
FCXCD4100000	100n	C240
FCCDK1033000	C33n	C241
FCCDK1033000	C33n	C242
FCCDK1033000	C33n	C243
FCCDK1033000	C33n	C244
FCCDK1002200	C2n2	C245
FCCDK1002200	C2n2	C246
FCCDK1002200	C2n2	C247
FCCDK1002200	C2n2	C248
FCCDK1033000	C33n	C249
FCCDK1033000	C33n	C250
FCCDK1033000	C33n	C251
FCCDK1033000	C33n	C252
FCCDK1008200	C8n2	C253
FCCDK1008200	C8n2	C254
FCCDK1008200	C8n2	C255
FCCDK1008200	C8n2	C256
FCCDK1003300	C3n3	C257
FCCDK1003300	C3n3	C258
FCCDK1003300	C3n3	C259
FCCDK1003300	C3n3	C260
FCCE10000000	47u/16	C261
FCCE10000000	47u/16	C262
FCCE10000000	47u/16	C263
FCCE10000000	47u/16	C264
FCCE25010000	10u/50	C265
FCCE25010000	10u/50	C266
FCXCD4100000	100n	C267
FCXCD4100000	100n	C268

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCXCD4100000	100n	C269
FCXCD4100000	100n	C270
FCXCD4100000	100n	C271
FCXCD4100000	100n	C272
FCXCD4100000	100n	C273
FCXCD4100000	100n	C274
FCCE30001000	1u/63	C275
FCCE30001000	1u/63	C276
FCCE10000000	47u/16	C277
FCCE10000000	47u/16	C278
FCCE10000000	47u/16	C279
FCCE10000000	47u/16	C280
FCXCD2100000	100p	C281
FCXCD2100000	100p	C282
FCCE10000000	47u/16	C283
FCCE10000000	47u/16	C284
FCCDK1010000	C10n	C285
FCCDK1010000	C10n	C286
FCCDK5027000	C27n	C287
FCCDK5027000	C27n	C288
FCCE10000000	47u/16	C289
FCCE10000000	47u/16	C290
FCCE10000000	47u/16	C291
FCCE10000000	47u/16	C292
FCCE10000000	47u/16	C293
FCCE10000000	47u/16	C294
FCCE10000000	47u/16	C295
FCCE10000000	47u/16	C296
FCCE03000000	470u/10	C297
FCCE03000000	470u/10	C298
FCCE10000000	47u/16	C299
FCCE10000000	47u/16	C300
FCCE10000000	47u/16	C301
FCCE10000000	47u/16	C302
FCXCD1150000	15p	C303
FCXCD1150000	15p	C304
FCXCD1150000	15p	C305
FCXCD1150000	15p	C306
FCXCD4100000	100n	C307
FCXCD4100000	100n	C308
FCCE10000000	47u/16	C309
FCXCD4100000	100n	C310
FCXCD4100000	100n	C311
FCCE10000000	47u/16	C312
FCCE10000000	47u/16	C313
FCCE10000000	47u/16	C314
FCXCD4100000	100n	C315
FCXCD4100000	100n	C316
FCXCD4100000	100n	C317
FCXCD4100000	100n	C318
FCCDK1033000	C33n	C319
FCCDK1033000	C33n	C320
FCCDK1033000	C33n	C321
FCCDK1033000	C33n	C322
FCCDK1002200	C2n2	C323
FCCDK1002200	C2n2	C324

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCCDK1002200	C2n2	C325
FCCDK1002200	C2n2	C326
FCCDK1033000	C33n	C327
FCCDK1033000	C33n	C328
FCCDK1033000	C33n	C329
FCCDK1033000	C33n	C330
FCCDK1008200	C8n2	C331
FCCDK1008200	C8n2	C332
FCCDK1008200	C8n2	C333
FCCDK1008200	C8n2	C334
FCCDK1003300	C3n3	C335
FCCDK1003300	C3n3	C336
FCCDK1003300	C3n3	C337
FCCDK1003300	C3n3	C338
FCCE10000000	47u/16	C339
FCCE10000000	47u/16	C340
FCCE10000000	47u/16	C341
FCCE10000000	47u/16	C342
FCCE25010000	10u/50	C343
FCCE25010000	10u/50	C344
FCXCD4100000	100n	C345
FCXCD4100000	100n	C346
FCXCD4100000	100n	C347
FCXCD4100000	100n	C348
FCXCD4100000	100n	C349
FCXCD4100000	100n	C350
FCCE10000000	47u/16	C351
FCCE10000000	47u/16	C352
FCCE10000000	47u/16	C353
FCCE10000000	47u/16	C354
FCCE10000000	47u/16	C355
FCCE10000000	47u/16	C356
FCCE10000000	47u/16	C357
FCCE10000000	47u/16	C358
FCXCD4100000	100n	C359
FCXCD4100000	100n	C360
FCXCD4100000	100n	C361
FCXCD4100000	100n	C362
FCCE10000000	47u/16	C363
FCCE10000000	47u/16	C364
FCCE10000000	47u/16	C365
FCCE10000000	47u/16	C366
FCCE10000000	47u/16	C367
FCCE10000000	47u/16	C368
FCCE10000000	47u/16	C369
FCCE10000000	47u/16	C370
FCCE10000000	47u/16	C371
FCCE10000000	47u/16	C372
FCCE10000000	47u/16	C373
FCCE10000000	47u/16	C374
FCXCD1150000	15p	C375
FCXCD1150000	15p	C376
FCXCD1150000	15p	C377
FCXCD1150000	15p	C378
FCXCD4100000	100n	C379
FCXCD4100000	100n	C380



**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCXCD4100000	100n	C381
FCXCD4100000	100n	C382
FCCE1000000	47u/16	C383
FCCE1000000	47u/16	C384
FCCE1000000	47u/16	C385
FCCE1000000	47u/16	C386
FCXCD4100000	100n	C387
FCXCD4100000	100n	C388
FCXCD4100000	100n	C389
FCXCD4100000	100n	C390
FCCDK1033000	C33n	C391
FCCDK1033000	C33n	C392
FCCDK1033000	C33n	C393
FCCDK1033000	C33n	C394
FCCDK1002200	C2n2	C395
FCCDK1002200	C2n2	C396
FCCDK1002200	C2n2	C397
FCCDK1002200	C2n2	C398
FCCDK1033000	C33n	C399
FCCDK1033000	C33n	C400
FCCDK1033000	C33n	C401
FCCDK1033000	C33n	C402
FCCDK1008200	C8n2	C403
FCCDK1008200	C8n2	C404
FCCDK1008200	C8n2	C405
FCCDK1008200	C8n2	C406
FCCDK1003300	C3n3	C407
FCCDK1003300	C3n3	C408
FCCDK1003300	C3n3	C409
FCCDK1003300	C3n3	C410
FCCE1000000	47u/16	C411
FCCE1000000	47u/16	C412
FCCE1000000	47u/16	C413
FCCE1000000	47u/16	C414
FCCE2501000	10u/50	C415
FCCE2501000	10u/50	C416
FCXCD4100000	100n	C417
FCXCD4100000	100n	C418
FCXCD4100000	100n	C419
FCXCD4100000	100n	C420
FCXCD4100000	100n	C421
FCXCD4100000	100n	C422
FCCE1000000	47u/16	C423
FCCE1000000	47u/16	C424
FCCE1000000	47u/16	C425
FCCE1000000	47u/16	C426
FCCE1000000	47u/16	C427
FCCE1000000	47u/16	C428
FCXCD4100000	100n	C429
FCXCD4100000	100n	C430
FCXCD4100000	100n	C431
FCXCD4100000	100n	C432
FCCE1000000	47u/16	C433
FCCE1000000	47u/16	C434
FCCE1000000	47u/16	C435
FCCE1000000	47u/16	C436

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCCE1000000	47u/16	C437
FCCE1000000	47u/16	C438
FCCE1000000	47u/16	C439
FCCE1000000	47u/16	C440
FCCE1000000	47u/16	C441
FCCE1000000	47u/16	C442
FCXCD1150000	15p	C443
FCXCD1150000	15p	C444
FCXCD1150000	15p	C445
FCXCD1150000	15p	C446
FCXCD4100000	100n	C447
FCXCD4100000	100n	C448
FCCE1000000	47u/16	C449
FCXCD4100000	100n	C450
FCXCD4100000	100n	C451
FCCE1000000	47u/16	C452
FCCE1000000	47u/16	C453
FCCE1000000	47u/16	C454
FCXCD4100000	100n	C455
FCXCD4100000	100n	C456
FCXCD4100000	100n	C457
FCXCD4100000	100n	C458
FCCDK1033000	C33n	C459
FCCDK1033000	C33n	C460
FCCDK1033000	C33n	C461
FCCDK1033000	C33n	C462
FCCDK1002200	C2n2	C463
FCCDK1002200	C2n2	C464
FCCDK1002200	C2n2	C465
FCCDK1002200	C2n2	C466
FCCDK1033000	C33n	C467
FCCDK1033000	C33n	C468
FCCDK1033000	C33n	C469
FCCDK1033000	C33n	C470
FCCDK1008200	C8n2	C471
FCCDK1008200	C8n2	C472
FCCDK1008200	C8n2	C473
FCCDK1008200	C8n2	C474
FCCDK1003300	C3n3	C475
FCCDK1003300	C3n3	C476
FCCDK1003300	C3n3	C477
FCCDK1003300	C3n3	C478
FCCE1000000	47u/16	C479
FCCE1000000	47u/16	C480
FCCE1000000	47u/16	C481
FCCE1000000	47u/16	C482
FCCE25010000	10u/50	C483
FCCE25010000	10u/50	C484
FCXCD4100000	100n	C485
FCXCD4100000	100n	C486
FCXCD4100000	100n	C487
FCXCD4100000	100n	C488
FCXCD4100000	100n	C489
FCXCD4100000	100n	C490
FCXCD1330000	33p	C491
FCXCD1330000	33p	C492

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCXCD4100000	100n	C493
FCXCD4100000	100n	C494
FCXCD1330000	33p	C495
FCXCD1330000	33p	C496
FCXCD4100000	100n	C497
FCXCD4100000	100n	C498
FCCE10000000	47u/16	C499
FCCE10000000	47u/16	C500
FCCE10000000	47u/16	C501
FCCE10000000	47u/16	C502
FCCE25047000	47u/50	C503
FCCE25047000	47u/50	C504
FCCE10000000	47u/16	C505
FCCE10000000	47u/16	C506
FCCE30001000	1u/63	C507
FCCE10000000	47u/16	C508
FCCE10000000	47u/16	C509
FCXCD4100000	100n	C510
FCXCD4100000	100n	C511
FCXCD1330000	33p	C512
FCXCD1330000	33p	C513
FCXCD4100000	100n	C514
FCXCD4100000	100n	C515
FCXCD4100000	100n	C516
FCXCD4100000	100n	C517
FCCE20022000	22u/35	C518
FCCE10000000	47u/16	C519
FCCE10000000	47u/16	C520
FCCE10000000	47u/16	C521
FCCE10000000	47u/16	C522
FCXCD2100000	100p	C523
FCXCD2100000	100p	C524
FCXCD2100000	100p	C525
FCXCD2100000	100p	C526
FCXCD4100000	100n	C527
FCXCD4100000	100n	C528
FCXCD4100000	100n	C529
FCXCD4100000	100n	C530
FCXCD4100000	100n	C531
FCXCD4100000	100n	C532
FCCE10000000	47u/16	C533
FCCE10000000	47u/16	C534
FCXCD4100000	100n	C535
FCXCD4100000	100n	C536
FCCE10000000	47u/16	C537
FCCE10000000	47u/16	C538
FCCE10000000	47u/16	C539
FCXCD2100000	100p	C540
FCXCD2100000	100p	C541
FCXCD2100000	100p	C542
FCXCD2100000	100p	C543
FCXCD2100000	100p	C544
FCXCD2100000	100p	C545
FCXCD2100000	100p	C546
FCXCD2100000	100p	C547
FCCE05000000	220u/10	C548

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCCE05000000	220u/10	C549
FCCE05000000	220u/10	C550
FCCE05000000	220u/10	C551
FCXCD4100000	100n	C552
FCXCD4100000	100n	C553
FCCE05000000	220u/10	C554
FCCE05000000	220u/10	C555
FCCE05000000	220u/10	C556
FCCE05000000	220u/10	C557
FCXCD4100000	100n	C558
FCXCD4100000	100n	C559
FCCE25010000	10u/50	C560
FCCE25010000	10u/50	C561
FCCE20022000	22u/35	C562
FCCE20022000	22u/35	C563
FCXCD4010000	10n	C564
FCXCD4470000	470n	C565
FCCE10000000	47u/16	C566
FCCE10000000	47u/16	C567
FCCE15100000	100u/25	C568
FCCE25010000	10u/50	C569
FCCE25010000	10u/50	C570
FCCE15100000	100u/25	C571
FCCE25047000	47u/50	C572
FCCE25047000	47u/50	C573
FCXCD4100000	100n	C574
FCXCD4100000	100n	C575
FCCE25047000	47u/50	C576
FCCE25047000	47u/50	C577
FCCE25047000	47u/50	C578
FCCE25047000	47u/50	C579
FCCE03000000	470u/10	C580
FCXCD4100000	100n	C581
FCXCD4100000	100n	C582
FCXCD4100000	100n	C583
FCXCD4100000	100n	C584
FCCE03000000	470u/10	C585
FCCI01045000	Printed Board 11.1045	CI101
FCXDDBAS2800	BAS28	D101
FCXDDBAS2800	BAS28	D102
FCXDDBAS1600	BAS16	D103
FCXDDBAS1600	BAS16	D104
FCLEDSMD3000	TLMG3100	D105
FCLEDSMD3000	TLMG3100	D106
FCLEDSMD2000	TLMH3100	D107
FCLEDSMD2000	TLMH3100	D108
FCLEDSMD2500	TLMY3100	D109
FCLEDSMD2500	TLMY3100	D110
FCXDDBAS2800	BAS28	D111
FCXDDBAS2800	BAS28	D112
FCXDDBAS1600	BAS16	D113
FCXDDBAS1600	BAS16	D114
FCLEDSMD3000	TLMG3100	D115
FCLEDSMD3000	TLMG3100	D116
FCLEDSMD2000	TLMH3100	D117
FCLEDSMD2000	TLMH3100	D118

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCLEDSMD2500	TLMY3100	D119
FCLEDSMD2500	TLMY3100	D120
FCXDDBAS2800	BAS28	D121
FCXDDBAS2800	BAS28	D122
FCXDDBAS1600	BAS16	D123
FCXDDBAS1600	BAS16	D124
FCLEDSMD3000	TLMG3100	D125
FCLEDSMD3000	TLMG3100	D126
FCLEDSMD2000	TLMH3100	D127
FCLEDSMD2000	TLMH3100	D128
FCLEDSMD2500	TLMY3100	D129
FCLEDSMD2500	TLMY3100	D130
FCXDDBAS2800	BAS28	D131
FCXDDBAS2800	BAS28	D132
FCXDDBAS1600	BAS16	D133
FCXDDBAS1600	BAS16	D134
FCLEDSMD3000	TLMG3100	D135
FCLEDSMD3000	TLMG3100	D136
FCLEDSMD2000	TLMH3100	D137
FCLEDSMD2000	TLMH3100	D138
FCLEDSMD2500	TLMY3100	D139
FCLEDSMD2500	TLMY3100	D140
FCXDDBAS2800	BAS28	D141
FCLEDSMD2500	TLMY3100	D142
FCXDDBAS1600	BAS16	D143
FCLEDSMD2000	TLMH3100	D144
FCLEDSMD2000	TLMH3100	D145
FCLEDSMD2000	TLMH3100	D146
FCLEDSMD2000	TLMH3100	D147
FCLEDSMD2000	TLMH3100	D148
FCLEDSMD2500	TLMY3100	D149
FCLEDSMD3000	TLMG3100	D150
FCLEDSMD3000	TLMG3100	D151
FCLEDSMD3000	TLMG3100	D152
FCLEDSMD3000	TLMG3100	D153
FCLEDSMD3000	TLMG3100	D154
FCLEDSMD3000	TLMG3100	D155
FCLEDSMD3000	TLMG3100	D156
FCXDDSB14000	SB140	D157
FCLEDSMD2000	TLMH3100	D158
FCLEDSMD2000	TLMH3100	D159
FCLEDSMD2000	TLMH3100	D160
FCLEDSMD2000	TLMH3100	D161
FCLEDSMD2500	TLMY3100	D162
FCLEDSMD3000	TLMG3100	D163
FCLEDSMD3000	TLMG3100	D164
FCLEDSMD3000	TLMG3100	D165
FCLEDSMD3000	TLMG3100	D166
FCLEDSMD3000	TLMG3100	D167
FCLEDSMD3000	TLMG3100	D168
FCLEDSMD3000	TLMG3100	D169
FCIC4580E000	NJM4580E	IC101
FCIC4580E000	NJM4580E	IC102
FCIC4580E000	NJM4580E	IC103
FCIC4580E000	NJM4580E	IC104
FCIC4580E000	NJM4580E	IC105

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCIC4580E000	NJM4580E	IC106
FCIC4580E000	NJM4580E	IC107
FCIC4580E000	NJM4580E	IC108
FCIC07201000	TL072	IC109
FCIC07201000	TL072	IC110
FCIC4580E000	NJM4580E	IC111
FCIC4580E000	NJM4580E	IC112
FCIC07201000	TL072	IC113
FCIC07201000	TL072	IC114
FCIC07201000	TL072	IC115
FCIC07201000	TL072	IC116
FCIC07201000	TL072	IC117
FCIC07201000	TL072	IC118
FCIC07201000	TL072	IC119
FCIC07201000	TL072	IC120
FCIC07201000	TL072	IC121
FCIC4580E000	NJM4580E	IC122
FCIC07201000	TL072	IC123
FCIC07201000	TL072	IC124
FCIC07201000	TL072	IC125
FCIC07201000	TL072	IC126
FCIC07201000	TL072	IC127
FCIC07201000	TL072	IC128
FCIC07201000	TL072	IC129
FCIC07201000	TL072	IC130
FCIC07201000	TL072	IC131
FCIC07201000	TL072	IC132
FCIC07201000	TL072	IC133
FCIC07201000	TL072	IC134
FCIC07201000	TL072	IC135
FCIC07201000	TL072	IC136
FCIC07201000	TL072	IC137
FCIC07201000	TL072	IC138
FCIC07201000	TL072	IC139
FCIC07201000	TL072	IC140
FCIC07201000	TL072	IC141
FCIC07201000	TL072	IC142
FCIC07201000	TL072	IC143
FCIC07201000	TL072	IC144
FCIC07201000	TL072	IC145
FCIC07201000	TL072	IC146
FCIC07201000	TL072	IC147
FCIC07201000	TL072	IC148
FCIC07201000	TL072	IC149
FCIC07201000	TL072	IC150
FCIC07201000	TL072	IC151
FCIC07201000	TL072	IC152
FCIC07201000	TL072	IC153
FCIC07201000	TL072	IC154
FCIC07201000	TL072	IC155
FCIC4580E000	NJM4580E	IC156
FCIC07201000	TL072	IC157
FCOPTVTL5000	VTL 5C8	IC158
FCOPTVTL5000	VTL 5C8	IC159
FCIC07201000	TL072	IC160
FCIC07201000	TL072	IC161

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCIC07201000	TL072	IC162
FCIC07201000	TL072	IC163
FCIC07201000	TL072	IC164
FCIC07201000	TL072	IC165
FCIC21201000	DG212	IC166
FCIC55321000	NE5532D	IC167
FCIC55321000	NE5532D	IC168
FCIC68200000	BA6820F	IC169
FCIC45560000	NJM4556D	IC170
FCIC25941000	LM2594	IC171
FCBASX080000	NCJ6FI-H	J101
FCBASX080000	NCJ6FI-H	J102
FCBASX080000	NCJ6FI-H	J103
FCBASX080000	NCJ6FI-H	J104
FCHEA1002000	Head 20p	J105
FCCTM0003000	B3B-EH-A	J106
FCBASX080000	NCJ6FI-H	J107
FCBASX080000	NCJ6FI-H	J108
FCBASX080000	NCJ6FI-H	J109
FCBASX080000	NCJ6FI-H	J110
FCBASX080000	NCJ6FI-H	J111
FCBASR060000	YKC21-3035	J112
FRBASR060100	YKC21-3035	J113
FCBASR060000	YKC21-3035	J114
FRBASR060100	YKC21-3035	J115
FCHEA1002000	Head 20p	J116
FCHEA1002000	Head 20p	J117
FCHEA1002000	Head 20p	J118
FRBASR060100	YKC21-3035	J119
FCBASR060000	YKC21-3035	J120
FCBASR060000	YKC21-3035	J121
FCBASR060000	YKC21-3035	J122
FCBASR060000	YKC21-3035	J123
FCBASR060000	YKC21-3035	J124
FCBASR060000	YKC21-3035	J125
FCBASR060000	YKC21-3035	J126
FCHEA1002000	Head 20p	J127
FCHEA1002000	Head 20p	J128
FCBASR060000	YKC21-3035	J129
FCBASR060000	YKC21-3035	J130
FCBASR060000	YKC21-3035	J131
FCCTM0003000	B3B-EH-A	J132
FCHEA1002000	Head 20p	J145
FCHEA1002000	Head 20p	J146
FCBASR060000	YKC21-3035	J155
FCBASR060000	YKC21-3035	J156
FCBASX100000	YKF52-5003	J157
FCBASX100000	YKF52-5003	J158
FCCTM0003000	B3B-EH-A	J159
FCBASJ020000	YKB21-5009	J160
FCCHK0068000	68uH	L101
FCCHK0068000	68uH	L102
FCIND0040000	220uH	L103
FP0289300000	Shielding Plate	MP100
FP0289300000	Shielding Plate	MP101
FP0289300000	Shielding Plate	MP102

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCXTT0847000	BC847B	Q101
FCXTT0847000	BC847B	Q102
FCXTT0847000	BC847B	Q103
FCXTT0847000	BC847B	Q104
FCXTT0857000	BC857B	Q105
FCXTT0857000	BC857B	Q106
FCXTT0857000	BC857B	Q107
FCXTT0857000	BC857B	Q108
FCXR53348000	3k48	R101
FCXR53348000	3k48	R102
FCXR53348000	3k48	R103
FCXR53348000	3k48	R104
FCXR53348000	3k48	R105
FCXR55100000	100k0	R106
FCXR53348000	3k48	R107
FCXR55100000	100k0	R108
FCXR53348000	3k48	R109
FCXR55100000	100k0	R110
FCXR53348000	3k48	R111
FCXR55100000	100k0	R112
FCXR52100000	100.0	R113
FCXR52100000	100.0	R114
FCXR52100000	100.0	R115
FCXR52100000	100.0	R116
FCXR53121000	1k21	R117
FCXR53121000	1k21	R118
FCXR53121000	1k21	R119
FCXR53121000	1k21	R120
FCXR53121000	1k21	R121
FCXR53121000	1k21	R122
FCXR53121000	1k21	R123
FCXR53121000	1k21	R124
FCXR55215000	215k	R125
FCXR55215000	215k	R126
FCXR55215000	215k	R127
FCXR55215000	215k	R128
FCXR54383000	38k3	R129
FCXR54383000	38k3	R130
FCXR54383000	38k3	R131
FCXR54383000	38k3	R132
FCXR54383000	38k3	R133
FCXR54383000	38k3	R134
FCXR54383000	38k3	R135
FCXR54383000	38k3	R136
FCXR53511000	5k11	R137
FCXR53511000	5k11	R138
FCXR53511000	5k11	R139
FCXR53511000	5k11	R140
FCXR54464000	46k4	R141
FCXR54464000	46k4	R142
FCXR54464000	46k4	R143
FCXR54464000	46k4	R144
FCXR55100000	100k0	R145
FCXR55100000	100k0	R146
FCXR55100000	100k0	R147
FCXR55100000	100k0	R148



**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCXR55100000	100k0	R149
FCXR55100000	100k0	R150
FCXR55100000	100k0	R151
FCXR55100000	100k0	R152
FCXR55100000	100k0	R153
FCXR55100000	100k0	R154
FCXR55100000	100k0	R155
FCXR55100000	100k0	R156
FCXR55100000	100k0	R157
FCXR54464000	46k4	R158
FCXR55100000	100k0	R159
FCXR55100000	100k0	R160
FCXR55100000	100k0	R161
FCXR53511000	5k11	R162
FCXR54464000	46k4	R163
FCXR54464000	46k4	R164
FCXR54464000	46k4	R165
FCXR53511000	5k11	R166
FCXR53511000	5k11	R167
FCXR53511000	5k11	R168
FCXR54383000	38k3	R169
FCXR54383000	38k3	R170
FCXR54383000	38k3	R171
FCXR54383000	38k3	R172
FCXR54383000	38k3	R173
FCXR55215000	215k	R174
FCXR54383000	38k3	R175
FCXR54383000	38k3	R176
FCXR54383000	38k3	R177
FCXR53121000	1k21	R178
FCXR53121000	1k21	R179
FCXR55215000	215k	R180
FCXR55215000	215k	R181
FCXR55215000	215k	R182
FCXR52100000	100.0	R183
FCXR53121000	1k21	R184
FCXR53121000	1k21	R185
FCXR53121000	1k21	R186
FCXR53121000	1k21	R187
FCXR53121000	1k21	R188
FCXR53121000	1k21	R189
FCXR53348000	3k48	R190
FCXR55100000	100k0	R191
FCXR52100000	100.0	R192
FCXR52100000	100.0	R193
FCXR52100000	100.0	R194
FCXR53348000	3k48	R195
FCXR53348000	3k48	R196
FCXR55100000	100k0	R197
FCXR53348000	3k48	R198
FCXR55100000	100k0	R199
FCXR53348000	3k48	R200
FCXR55100000	100k0	R201
FCXR53348000	3k48	R202
FCXR53348000	3k48	R203
FCXR53348000	3k48	R204

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCXR55100000	100k0	R205
FCXR55100000	100k0	R206
FCXR55100000	100k0	R207
FCXR55100000	100k0	R208
FCXR55100000	100k0	R209
FCXR55100000	100k0	R210
FCXR55100000	100k0	R211
FCXR55100000	100k0	R212
FCXR55100000	100k0	R213
FCXR55100000	100k0	R214
FCXR55100000	100k0	R215
FCXR55100000	100k0	R216
FCXR55100000	100k0	R217
FCXR55100000	100k0	R218
FCXR55100000	100k0	R219
FCXR55100000	100k0	R220
FCXR53825000	8k25	R221
FCXR53825000	8k25	R222
FCXR53825000	8k25	R223
FCXR53825000	8k25	R224
FCXR55100000	100k0	R225
FCXR55100000	100k0	R226
FCXR55100000	100k0	R227
FCXR55100000	100k0	R228
FCXR52100000	100.0	R229
FCXR52100000	100.0	R230
FCXR52100000	100.0	R231
FCXR52100000	100.0	R232
FCXR55100000	100k0	R233
FCXR55100000	100k0	R234
FCXR55100000	100k0	R235
FCXR55100000	100k0	R236
FCXR55100000	100k0	R237
FCXR55100000	100k0	R238
FCXR55100000	100k0	R239
FCXR55100000	100k0	R240
FCXR55100000	100k0	R241
FCXR55100000	100k0	R242
FCXR55100000	100k0	R243
FCXR55100000	100k0	R244
FCXR55100000	100k0	R245
FCXR55100000	100k0	R246
FCXR55100000	100k0	R247
FCXR55100000	100k0	R248
FCXR53562000	5k62	R249
FCXR55464000	464k	R250
FCXR53562000	5k62	R251
FCXR55464000	464k	R252
FCXR53562000	5k62	R253
FCXR55464000	464k	R254
FCXR53562000	5k62	R255
FCXR55464000	464k	R256
FCPR21707000	50kBx2	R257
FCPR21707000	50kBx2	R258
FCXR53562000	5k62	R259
FCXR55464000	464k	R260

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCXR53562000	5k62	R261
FCXR55464000	464k	R262
FCXR53562000	5k62	R263
FCXR55464000	464k	R264
FCXR53562000	5k62	R265
FCXR55464000	464k	R266
FCXR54100000	10k0	R267
FCXR53316000	3k16	R268
FCXR54100000	10k0	R269
FCXR53316000	3k16	R270
FCXR54100000	10k0	R271
FCXR53316000	3k16	R272
FCXR54100000	10k0	R273
FCXR53316000	3k16	R274
FCPR21703100	50kBx2cc	R275
FCXR54100000	10k0	R276
FCPR21703100	50kBx2cc	R277
FCXR54100000	10k0	R278
FCPR21703100	50kBx2cc	R279
FCXR54100000	10k0	R280
FCPR21703100	50kBx2cc	R281
FCXR54100000	10k0	R282
FCXR54100000	10k0	R283
FCXR53316000	3k16	R284
FCXR54100000	10k0	R285
FCXR53316000	3k16	R286
FCXR54100000	10k0	R287
FCXR53316000	3k16	R288
FCXR54100000	10k0	R289
FCXR53316000	3k16	R290
FCXR54215000	21k5	R291
FCXR54215000	21k5	R292
FCXR54215000	21k5	R293
FCXR54215000	21k5	R294
FCPR21703100	50kBx2cc	R295
FCXR53464000	4k64	R296
FCPR400C1000	100kCx4	R297
FCXR53464000	4k64	R298
FCXR53464000	4k64	R299
FCXR53464000	4k64	R300
FCPR21703100	50kBx2cc	R301
FCXR53464000	4k64	R302
FCPR400C1000	100kCx4	R303
FCXR53464000	4k64	R304
FCXR53464000	4k64	R305
FCXR53464000	4k64	R306
FCXR54215000	21k5	R307
FCXR54215000	21k5	R308
FCXR54215000	21k5	R309
FCXR54215000	21k5	R310
FCXR55100000	100k0	R311
FCXR55100000	100k0	R312
FCXR55100000	100k0	R313
FCXR55100000	100k0	R314
FCXR55464000	464k	R315
FCXR55287000	287k	R316

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCXR55287000	287k	R317
FCXR55464000	464k	R318
FCXR55287000	287k	R319
FCXR55287000	287k	R320
FCXR53100000	1k0	R321
FCXR53100000	1k0	R322
FCXR53100000	1k0	R323
FCXR53100000	1k0	R324
FCXR54196000	19k6	R325
FCXR52825000	825	R326
FCXR54196000	19k6	R327
FCXR52825000	825	R328
FCXR55100000	100k0	R329
FCXR55100000	100k0	R330
FCXR55383000	383k	R331
FCXR55383000	383k	R332
FCXR53162000	1k62	R333
FCXR53162000	1k62	R334
FCXR54100000	10k0	R335
FCXR54100000	10k0	R336
FCXR53464000	4k64	R337
FCXR53464000	4k64	R338
FCXR54316000	31k6	R339
FCXR54316000	31k6	R340
FCXR54316000	31k6	R341
FCXR54316000	31k6	R342
FCXR55100000	100k0	R343
FCXR54316000	31k6	R344
FCXR54316000	31k6	R345
FCXR55100000	100k0	R346
FCXR54316000	31k6	R347
FCXR54316000	31k6	R348
FCXR55100000	100k0	R349
FCXR55100000	100k0	R350
FCXR55100000	100k0	R351
FCXR55100000	100k0	R352
FCXR55100000	100k0	R353
FCXR55100000	100k0	R354
FCXR55100000	100k0	R355
FCXR55100000	100k0	R356
FCXR55100000	100k0	R357
FCXR55100000	100k0	R358
FCXR55100000	100k0	R359
FCXR55100000	100k0	R360
FCXR55100000	100k0	R361
FCXR55100000	100k0	R362
FCXR55100000	100k0	R363
FCXR55100000	100k0	R364
FCXR53825000	8k25	R365
FCXR53825000	8k25	R366
FCXR55100000	100k0	R367
FCXR55100000	100k0	R368
FCXR52100000	100.0	R369
FCXR52100000	100.0	R370
FCXR55100000	100k0	R371
FCXR55100000	100k0	R372

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCXR55100000	100k0	R373
FCXR55100000	100k0	R374
FCXR55100000	100k0	R375
FCXR55100000	100k0	R376
FCXR55100000	100k0	R377
FCXR55100000	100k0	R378
FCXR55100000	100k0	R379
FCXR55100000	100k0	R380
FCXR55100000	100k0	R381
FCXR55100000	100k0	R382
FCXR55100000	100k0	R383
FCXR55100000	100k0	R384
FCXR53562000	5k62	R385
FCXR55464000	464k	R386
FCXR53562000	5k62	R387
FCXR55464000	464k	R388
FCXR53562000	5k62	R389
FCXR55464000	464k	R390
FCXR53562000	5k62	R391
FCXR55464000	464k	R392
FCPR21707000	50kBx2	R393
FCPR21707000	50kBx2	R394
FCXR53562000	5k62	R395
FCXR55464000	464k	R396
FCXR53562000	5k62	R397
FCXR55464000	464k	R398
FCXR53562000	5k62	R399
FCXR55464000	464k	R400
FCXR53562000	5k62	R401
FCXR55464000	464k	R402
FCXR54100000	10k0	R403
FCXR53316000	3k16	R404
FCXR54100000	10k0	R405
FCXR53316000	3k16	R406
FCXR54100000	10k0	R407
FCXR53316000	3k16	R408
FCXR54100000	10k0	R409
FCXR53316000	3k16	R410
FCPR21703100	50kBx2cc	R411
FCXR54100000	10k0	R412
FCPR21703100	50kBx2cc	R413
FCXR54100000	10k0	R414
FCPR21703100	50kBx2cc	R415
FCXR54100000	10k0	R416
FCPR21703100	50kBx2cc	R417
FCXR54100000	10k0	R418
FCXR54100000	10k0	R419
FCXR53316000	3k16	R420
FCXR54100000	10k0	R421
FCXR53316000	3k16	R422
FCXR54100000	10k0	R423
FCXR53316000	3k16	R424
FCXR54100000	10k0	R425
FCXR53316000	3k16	R426
FCXR54215000	21k5	R427
FCXR54215000	21k5	R428

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCXR54215000	21k5	R429
FCXR54215000	21k5	R430
FCPR21703100	50kBx2cc	R431
FCXR53464000	4k64	R432
FCPR400C1000	100kCx4	R433
FCXR53464000	4k64	R434
FCXR53464000	4k64	R435
FCXR53464000	4k64	R436
FCPR21703100	50kBx2cc	R437
FCXR53464000	4k64	R438
FCPR400C1000	100kCx4	R439
FCXR53464000	4k64	R440
FCXR53464000	4k64	R441
FCXR53464000	4k64	R442
FCXR54215000	21k5	R443
FCXR54215000	21k5	R444
FCXR54215000	21k5	R445
FCXR54215000	21k5	R446
FCXR55100000	100k0	R447
FCXR55100000	100k0	R448
FCXR55100000	100k0	R449
FCXR55100000	100k0	R450
FCXR55464000	464k	R451
FCXR55287000	287k	R452
FCXR55287000	287k	R453
FCXR55464000	464k	R454
FCXR55287000	287k	R455
FCXR55287000	287k	R456
FCXR53100000	1k0	R457
FCXR53100000	1k0	R458
FCXR53100000	1k0	R459
FCXR53100000	1k0	R460
FCXR54196000	19k6	R461
FCXR52825000	825	R462
FCXR54196000	19k6	R463
FCXR52825000	825	R464
FCXR55100000	100k0	R465
FCXR55100000	100k0	R466
FCXR55383000	383k	R467
FCXR55383000	383k	R468
FCXR53162000	1k62	R469
FCXR53162000	1k62	R470
FCXR54100000	10k0	R471
FCXR54100000	10k0	R472
FCXR53464000	4k64	R473
FCXR53464000	4k64	R474
FCXR54316000	31k6	R475
FCXR54316000	31k6	R476
FCXR54316000	31k6	R477
FCXR54316000	31k6	R478
FCXR55100000	100k0	R479
FCXR54316000	31k6	R480
FCXR54316000	31k6	R481
FCXR55100000	100k0	R482
FCXR54316000	31k6	R483
FCXR54316000	31k6	R484

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCXR55100000	100k0	R485
FCXR55100000	100k0	R486
FCXR55100000	100k0	R487
FCXR55100000	100k0	R488
FCXR55100000	100k0	R489
FCXR55100000	100k0	R490
FCXR55100000	100k0	R491
FCXR55100000	100k0	R492
FCXR55100000	100k0	R493
FCXR55100000	100k0	R494
FCXR55100000	100k0	R495
FCXR55100000	100k0	R496
FCXR55100000	100k0	R497
FCXR55100000	100k0	R498
FCXR55100000	100k0	R499
FCXR55100000	100k0	R500
FCXR55100000	100k0	R501
FCXR55100000	100k0	R502
FCXR55100000	100k0	R503
FCXR55100000	100k0	R504
FCXR55100000	100k0	R505
FCXR55100000	100k0	R506
FCXR55100000	100k0	R507
FCXR55100000	100k0	R508
FCXR55100000	100k0	R509
FCXR55100000	100k0	R510
FCXR55100000	100k0	R511
FCXR55100000	100k0	R512
FCXR53562000	5k62	R513
FCXR55464000	464k	R514
FCXR53562000	5k62	R515
FCXR55464000	464k	R516
FCXR53562000	5k62	R517
FCXR55464000	464k	R518
FCXR53562000	5k62	R519
FCXR55464000	464k	R520
FCPR21707000	50kBx2	R521
FCPR21707000	50kBx2	R522
FCXR53562000	5k62	R523
FCXR55464000	464k	R524
FCXR53562000	5k62	R525
FCXR55464000	464k	R526
FCXR53562000	5k62	R527
FCXR55464000	464k	R528
FCXR53562000	5k62	R529
FCXR55464000	464k	R530
FCXR54100000	10k0	R531
FCXR53316000	3k16	R532
FCXR54100000	10k0	R533
FCXR53316000	3k16	R534
FCXR54100000	10k0	R535
FCXR53316000	3k16	R536
FCXR54100000	10k0	R537
FCXR53316000	3k16	R538
FCPR21703100	50kBx2cc	R539
FCXR54100000	10k0	R540

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCPR21703100	50kBx2cc	R541
FCXR54100000	10k0	R542
FCPR21703100	50kBx2cc	R543
FCXR54100000	10k0	R544
FCPR21703100	50kBx2cc	R545
FCXR54100000	10k0	R546
FCXR54100000	10k0	R547
FCXR53316000	3k16	R548
FCXR54100000	10k0	R549
FCXR53316000	3k16	R550
FCXR54100000	10k0	R551
FCXR53316000	3k16	R552
FCXR54100000	10k0	R553
FCXR53316000	3k16	R554
FCXR54215000	21k5	R555
FCXR54215000	21k5	R556
FCXR54215000	21k5	R557
FCXR54215000	21k5	R558
FCPR21703100	50kBx2cc	R559
FCXR53464000	4k64	R560
FCPR400C1000	100kCx4	R561
FCXR53464000	4k64	R562
FCXR53464000	4k64	R563
FCXR53464000	4k64	R564
FCPR21703100	50kBx2cc	R565
FCXR53464000	4k64	R566
FCPR400C1000	100kCx4	R567
FCXR53464000	4k64	R568
FCXR53464000	4k64	R569
FCXR53464000	4k64	R570
FCXR54215000	21k5	R571
FCXR54215000	21k5	R572
FCXR54215000	21k5	R573
FCXR54215000	21k5	R574
FCXR55100000	100k0	R575
FCXR55100000	100k0	R576
FCXR55100000	100k0	R577
FCXR55100000	100k0	R578
FCXR55464000	464k	R579
FCXR55287000	287k	R580
FCXR55287000	287k	R581
FCXR55464000	464k	R582
FCXR55287000	287k	R583
FCXR55287000	287k	R584
FCXR53100000	1k0	R585
FCXR53100000	1k0	R586
FCXR53100000	1k0	R587
FCXR53100000	1k0	R588
FCXR54196000	19k6	R589
FCXR52825000	825	R590
FCXR54196000	19k6	R591
FCXR52825000	825	R592
FCXR55100000	100k0	R593
FCXR55100000	100k0	R594
FCXR55383000	383k	R595
FCXR55383000	383k	R596



**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCXR53162000	1k62	R597
FCXR53162000	1k62	R598
FCXR54100000	10k0	R599
FCXR54100000	10k0	R600
FCXR53464000	4k64	R601
FCXR53464000	4k64	R602
FCXR54316000	31k6	R603
FCXR54316000	31k6	R604
FCXR54316000	31k6	R605
FCXR54316000	31k6	R606
FCXR55100000	100k0	R607
FCXR54316000	31k6	R608
FCXR54316000	31k6	R609
FCXR55100000	100k0	R610
FCXR54316000	31k6	R611
FCXR54316000	31k6	R612
FCXR55100000	100k0	R613
FCXR55100000	100k0	R614
FCXR55100000	100k0	R615
FCXR55100000	100k0	R616
FCXR55100000	100k0	R617
FCXR55100000	100k0	R618
FCXR55100000	100k0	R619
FCXR55100000	100k0	R620
FCXR55100000	100k0	R621
FCXR55100000	100k0	R622
FCXR55100000	100k0	R623
FCXR55100000	100k0	R624
FCXR55100000	100k0	R625
FCXR55100000	100k0	R626
FCXR55100000	100k0	R627
FCXR55100000	100k0	R628
FCXR55100000	100k0	R629
FCXR55100000	100k0	R630
FCXR55100000	100k0	R631
FCXR55100000	100k0	R632
FCXR55100000	100k0	R633
FCXR55100000	100k0	R634
FCXR53562000	5k62	R635
FCXR55464000	464k	R636
FCXR53562000	5k62	R637
FCXR55464000	464k	R638
FCXR53562000	5k62	R639
FCXR55464000	464k	R640
FCXR53562000	5k62	R641
FCXR55464000	464k	R642
FCPR21707000	50kBx2	R643
FCPR21707000	50kBx2	R644
FCXR53562000	5k62	R645
FCXR55464000	464k	R646
FCXR53562000	5k62	R647
FCXR55464000	464k	R648
FCXR53562000	5k62	R649
FCXR55464000	464k	R650
FCXR53562000	5k62	R651
FCXR55464000	464k	R652

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCXR54100000	10k0	R653
FCXR53316000	3k16	R654
FCXR54100000	10k0	R655
FCXR53316000	3k16	R656
FCXR54100000	10k0	R657
FCXR53316000	3k16	R658
FCXR54100000	10k0	R659
FCXR53316000	3k16	R660
FCPR21703100	50kBx2cc	R661
FCXR54147000	14k7	R662
FCPR21703100	50kBx2cc	R663
FCXR54147000	14k7	R664
FCPR21703100	50kBx2cc	R665
FCXR54147000	14k7	R666
FCPR21703100	50kBx2cc	R667
FCXR54147000	14k7	R668
FCXR54100000	10k0	R669
FCXR53316000	3k16	R670
FCXR54100000	10k0	R671
FCXR53316000	3k16	R672
FCXR54100000	10k0	R673
FCXR53316000	3k16	R674
FCXR54100000	10k0	R675
FCXR53316000	3k16	R676
FCXR54215000	21k5	R677
FCXR54215000	21k5	R678
FCXR54215000	21k5	R679
FCXR54215000	21k5	R680
FCPR21703100	50kBx2cc	R681
FCXR53464000	4k64	R682
FCPR400C1000	100kCx4	R683
FCXR53464000	4k64	R684
FCXR53464000	4k64	R685
FCXR53464000	4k64	R686
FCPR21703100	50kBx2cc	R687
FCXR53464000	4k64	R688
FCPR400C1000	100kCx4	R689
FCXR53464000	4k64	R690
FCXR53464000	4k64	R691
FCXR53464000	4k64	R692
FCXR54215000	21k5	R693
FCXR54215000	21k5	R694
FCXR54215000	21k5	R695
FCXR54215000	21k5	R696
FCXR55100000	100k0	R697
FCXR55100000	100k0	R698
FCXR55100000	100k0	R699
FCXR55100000	100k0	R700
FCXR55464000	464k	R701
FCXR55287000	287k	R702
FCXR55287000	287k	R703
FCXR55464000	464k	R704
FCXR55287000	287k	R705
FCXR55287000	287k	R706
FCXR53100000	1k0	R707
FCXR53100000	1k0	R708

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCXR53100000	1k0	R709
FCXR53100000	1k0	R710
FCXR54196000	19k6	R711
FCXR52825000	825	R712
FCXR54196000	19k6	R713
FCXR52825000	825	R714
FCXR55100000	100k0	R715
FCXR55100000	100k0	R716
FCXR55383000	383k	R717
FCXR55383000	383k	R718
FCXR53162000	1k62	R719
FCXR53162000	1k62	R720
FCXR54100000	10k0	R721
FCXR54100000	10k0	R722
FCXR53464000	4k64	R723
FCXR53464000	4k64	R724
FCXR54316000	31k6	R725
FCXR54316000	31k6	R726
FCXR54316000	31k6	R727
FCXR54316000	31k6	R728
FCXR54316000	31k6	R729
FCXR54316000	31k6	R730
FCXR54316000	31k6	R731
FCXR54316000	31k6	R732
FCXR55100000	100k0	R733
FCXR55100000	100k0	R734
FCXR52100000	100.0	R735
FCXR54316000	31k6	R736
FCXR54316000	31k6	R737
FCXR54316000	31k6	R738
FCXR54316000	31k6	R739
FCXR55100000	100k0	R740
FCXR55100000	100k0	R741
FCXR55100000	100k0	R742
FCXR53100000	1k0	R743
FCXR53100000	1k0	R744
FCXR54750000	75k0	R745
FCXR54750000	75k0	R746
FCXR55100000	100k0	R747
FCXR54681000	68k1	R748
FCXR54681000	68k1	R749
FCXR53100000	1k0	R750
FCXR53100000	1k0	R751
FCXR55237000	237k	R752
FCXR55100000	100k0	R753
FCXR55100000	100k0	R754
FCXR53316000	3k16	R755
FCXR53100000	1k0	R756
FCXR53100000	1k0	R757
FRCJC5220000	22k	R758
FRCJC5220000	22k	R759
FCXR55100000	100k0	R760
FCXR53100000	1k0	R761
FCXR53100000	1k0	R762
FCXR53100000	1k0	R763
FCXR53100000	1k0	R764

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCXR53100000	1k0	R765
FCXR54100000	10k0	R766
FCXR54316000	31k6	R767
FCXR54316000	31k6	R768
FCXR53287000	2k87	R769
FCXR53287000	2k87	R770
FCXR55100000	100k0	R771
FCXR55100000	100k0	R772
FCPR21703110	50kBx2	R773
FCXR53196000	1k96	R774
FCXR55100000	100k0	R775
FCXR55100000	100k0	R776
FCXR54100000	10k0	R777
FCPR21005100	10kAx2	R778
FCPR21005100	10kAx2	R779
FCPR21005100	10kAx2	R780
FCXR53121000	1k21	R781
FCXR53261000	2k61	R782
FCXR53511000	5k11	R783
FCXR53511000	5k11	R784
FCXR53511000	5k11	R785
FCXR53511000	5k11	R786
FCXR54100000	10k0	R787
FCXR53511000	5k11	R788
FCXR53511000	5k11	R789
FCXR53511000	5k11	R790
FCXR53511000	5k11	R791
FCXR53316000	3k16	R792
FCXR54100000	10k0	R793
FCXR54100000	10k0	R794
FCXR54100000	10k0	R795
FCXR54100000	10k0	R796
FCXR51750000	75.0	R797
FCXR51750000	75.0	R798
FCXR55100000	100k0	R799
FCXR55100000	100k0	R800
FCXR55100000	100k0	R801
FCXR54100000	10k0	R802
FCXR54100000	10k0	R803
FCXR55100000	100k0	R804
FCXR54100000	10k0	R805
FCXR54100000	10k0	R806
FCXR54100000	10k0	R807
FCXR54100000	10k0	R808
FCXR54100000	10k0	R809
FCXR54100000	10k0	R810
FCXR54100000	10k0	R811
FCXR54100000	10k0	R812
FCXR54100000	10k0	R813
FCXR54100000	10k0	R814
FCXR54100000	10k0	R815
FCXR54100000	10k0	R816
FCXR54100000	10k0	R817
FCXR54100000	10k0	R818
FCXR54100000	10k0	R819
FCXR54100000	10k0	R820

**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

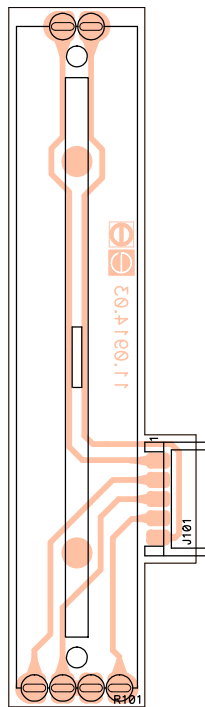
<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCXR51750000	75.0	R821
FCXR51750000	75.0	R822
FCXR51750000	75.0	R823
FCXR51750000	75.0	R824
FCXR53100000	1k0	R825
FCRJC5100000	10k	R826
FCXR53100000	1k0	R827
FCXR53100000	1k0	R828
FCRJC5100000	10k	R829
FCXR53100000	1k0	R830
FCXR54750000	75k0	R831
FCXR54750000	75k0	R832
FCXR54750000	75k0	R833
FCXR54750000	75k0	R834
FCXR55100000	100k0	R835
FCXR55100000	100k0	R836
FCXR54215000	21k5	R837
FCXR54215000	21k5	R838
FCRJC5100000	10k	R839
FCRJC5100000	10k	R840
FCXR53100000	1k0	R841
FCXR53100000	1k0	R842
FCXR54383000	38k3	R843
FCPR21005100	10kAx2	R844
FCXR55100000	100k0	R845
FCXR55100000	100k0	R846
FCXR53316000	3k16	R847
FCXR53316000	3k16	R848
FCRF22100000	NF10/ 1/2	R849
FCXR52147000	147	R850
FCXR52147000	147	R851
FCXR52147000	147	R852
FCXR52147000	147	R853
FCXR52147000	147	R854
FCXR52147000	147	R855
FCXR54316000	31k6	R856
FCXR54316000	31k6	R857
FCXR53215000	2k15	R858
FCXR51750000	75.0	R859
FCXR51750000	75.0	R860
FCXR53215000	2k15	R861
FCXR51750000	75.0	R862
FCXR51750000	75.0	R863
FCXR53215000	2k15	R864
FCXR53215000	2k15	R865
FCXR53100000	1k0	R866
FCXR53100000	1k0	R867
FCXR53100000	1k0	R868
FCXR53100000	1k0	R869
FCXR53100000	1k0	R870
FCXR53100000	1k0	R871
FCXR53100000	1k0	R872
FCXR53100000	1k0	R873
FCINTAP13000	8019L	S101
FCINTAP13000	8019L	S102
FCINTAP13000	8019L	S103


**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**

<b>Code</b>	<b>Description</b>	<b>Reference</b>
FCINTAP13000	8019L	S104
FCINTAP13000	8019L	S105
FCINTAP13000	8019L	S106
FCINTAP13000	8019L	S107
FCINTAP13000	8019L	S108
FCINTAP14000	8021L	S109
FCINTAP14000	8021L	S110
FCINTAP07900	LS001-A23BA	S111
FCINTAP07900	LS001-A23BA	S112
FCINTAP01500	17.010/CE	S113
FCINTAP01500	17.010/CE	S114
FCINTAP14000	8021L	S115
FCINTAP07900	LS001-A23BA	S116
FCINTAP07900	LS001-A23BA	S117
FCINTAP01500	17.010/CE	S118
FCINTAP01500	17.010/CE	S119
FCINTAP07900	LS001-A23BA	S120
FCINTAP07900	LS001-A23BA	S121
FCINTAP01500	17.010/CE	S122
FCINTAP01500	17.010/CE	S123
FCINTAP07900	LS001-A23BA	S124
FCINTAP07900	LS001-A23BA	S125
FCINTAP01500	17.010/CE	S126
FCINTAP01500	17.010/CE	S127
FCINTAP01500	17.010/CE	S128
FCINTAP01500	17.010/CE	S129
FCSEPCIO2000	Spacer M3x13	SP100
FCSEPCIO2000	Spacer M3x13	SP101
FCSEPCIO2000	Spacer M3x13	SP102
FCSEPCIO2000	Spacer M3x13	SP103
FCSEPCIO2000	Spacer M3x13	SP104
FCSEPCIO2000	Spacer M3x13	SP105
FCSEPCIO2000	Spacer M3x13	SP106
FCSEPCIO2000	Spacer M3x13	SP107
FCSEPCIO2000	Spacer M3x13	SP108
FCSEPCIO2000	Spacer M3x13	SP109
FCSEPCIO2000	Spacer M3x13	SP110
FCSEPCIO2000	Spacer M3x13	SP111
FCSEPCIO2000	Spacer M3x13	SP112
FCSEPCIO2000	Spacer M3x13	SP113
FCSEPCIO2000	Spacer M3x13	SP114
FCSEPCIO2000	Spacer M3x13	SP115
FCSEPCIO2000	Spacer M3x13	SP116
FCSEPCIO2000	Spacer M3x13	SP117
FCSEPCIO2000	Spacer M3x13	SP118
FCSEPCIO2000	Spacer M3x13	SP119
FCSEPCIO2000	Spacer M3x13	SP120
FCSEPCIO2000	Spacer M3x13	SP121
FCSEPCIO2000	Spacer M3x13	SP122
FC1111430000	1114.03.00	WI101
FC4K00720000	1007.02.00	WI102
FC4K00720000	1007.02.00	WI103
FC4K00720000	1007.02.00	WI104
FC4K00720000	1007.02.00	WI105
FC4K00720000	1007.02.00	WI106
FC4K00720000	1007.02.00	WI107

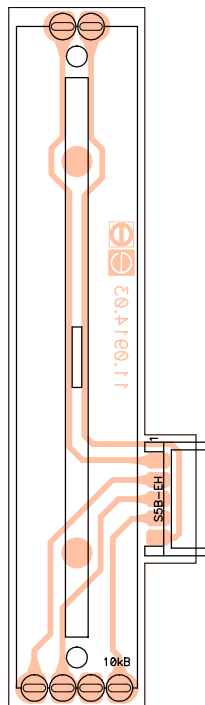
**PARTS LIST: PRINTED CIRCUIT 11.1045.03.00**


<b>Code</b>	<b>Description</b>	<b>Reference</b>
FC1I11430000	1114.03.00	WI108
FC4K00720000	1007.02.00	WI109
FC4K00720000	1007.02.00	WI110
FC0C01220000	1012.02.00	WI111
FC0C01220000	1012.02.00	WI112
FC4I00510000	1005.01.00	WI113



 LABORATORIO DE ELECTRO-ACUSTICA S.A.		related to:	circuit no: 11.0914-03.00	side: Component
			schema no:	view: Reference
number: 33.0694	version: 01.01	project n: M03/04/05-01	title: <b>Potentiometer Ct.</b>	
drawn by: M. Amoros	date: 011106	product n: MAC40/70/90v		
		approved: Domingo Mele		





 LABORATORIO DE ELECTRO-ACUSTICA S.A.		related to:	circuit no: 11.0914-03.00	side: Component
			schema no:	view: Value
number: 33.0695	version: 01.01	project n: M03/04/05-01	title: <b>Potentiometer Ct.</b>	
drawn by: M. Amoros	date: 011106	product n: MAC40/70/90v		
		approved: Domingo Mele		

## PARTS LIST: Printed Board 11.0914

Code	Description	Reference
FCCIM0914000	Printed Board 11.0914	C1101
FCCTM1005000	S5B-EH	J101
EXPOTD600150	RS60N 10kB	R101

## BURNING TEST

Leave the unit connected to its nominal mains voltage during 24 hours.

## SAFETY VERIFICATION TESTS

### Preliminary:

Unplug the unit to be tested from the mains outlet.

Short all ground terminals from signal inputs, outputs and other external connectors, except the mains plug's ground.

Turn ON the unit's main power switch.

### Ground continuity test:

Connect the tester probes between the mains ground contact and the unit's backside main ground test point. When applying a 10A current, verify that the ground impedance is lower than  $0'1\Omega$ .

### Electrical insulation test:

Connect the electrical insulation tester probes between the mains outlet ground contact and both shorted mains input poles.

Adjust the tester's current limit down to 10mA.

Apply 1500Vac during 5 seconds.

The unit's insulation should be able to resist this voltage, without generating spurious sparks or a sparkover effect, and the tester may not detect any malfunction.

*CAUTION: Do not disconnect nor touch the test probes until the test has finished completely!*

## QUALITY CONTROL

All mechanical parts should be visually revised, in order to detect scratches on the unit's painting; all screws should be on their place, correctly tight and unmarked. Check out the unit's general presentation.

## COMPACT 8 MIXING CONSOLE – VERIFICATION PROCESS WITH MUSIC.

Input sensitivities:

LINE A	0dB
LINE B	0dB
AUXILIAR	0dB
PHONO	-40dB
MICRO	-50dB
MICRO ATT.	-30dB

LED levels:

LED SP	-40dB
LED CLIP	+10dB

Output levels:

REC	0dB
OUT 1	0dB/+6dB* (Bal)
OUT 2	0dB/+6dB*
AURICULARES	200mW /200Ω

\* Internally selectable

Control knobs initial positioning:

1. Tone control TREB, MID, BASS and  $f_0$  Hz centred.
2. Gain control GAIN centred.
3. Volume controls FADERS, OUT1, OUT2 and PHONES up to maximum.
4. Input selectors switched to LINE A.
5. Pushbuttons PFL, TALKOVER, PHONO, MIC ATT. and PHANTOM released.

*Note: Any type of manipulation or switching between different signal sources, effect sendings, and similar user-dependent configurations should not affect in any case the unit's output signal quality. This operation may not produce switching noise, hums, scratch-noise or similar abnormal noise in any case. It is strongly recommended to read completely this document containing the verification procedure descriptions before testing the unit, in order to avoid misunderstandings and confusions during the test process.*

## VERIFICATION

1. Connect the mixing console to the 230Vac mains socket.
2. Turn ON the main power switch and check it's LED, as it should light up.
3. The unit's output signal will be checked at it's REC output.
4. Before applying any input signal, verify that when manipulating and switching the input selection knobs (LINE A - LINE B (PHONO) – MICRO), the output signal carries nothing but the normal background noise. The output signal must be free of hum, whistles and beeps. When selecting LINE B, check also this point by switching the backside PHONO selector.
5. Connect a CD player as input music signal source to channel 1's LINE A.
6. Check that the signal present LED (SP) lights up on this channel.
7. Watch the Vu-meter. It should display approximately a 0dB level on both L and R channels.
8. Verify the GAIN ( $\pm 20$ dB) control knob sweep.
9. Verify the PEAK-indicating LED, it should light up when GAIN is turned up to its maximum.
10. When forcing all the LED's of the Vu-meter to light up, check that all the LED's get lit.
11. Verify that the Vu-meter level changes the same way the output signal does as the FADER is manipulated.
12. When sweeping up and down the FADER, verify that it does not scratch or hang at any point, and that when the FADER is left down to its minimum level the attenuation is enough to cut off completely the output signal. Slide up again the FADE to its maximum level.
13. The  $f_0$  Hz adjustable control knob shifts the MID tone filter central frequency, to values from 300Hz to 6k5Hz.
14. Verify the correct function of the tone control commands, included the semi-parametric  $f_0$  Hz filter.
15. Verify the PFL signal send.
  - Connect headphones plugging into the jack connection.
  - Slide down the FADER 1 control to its minimum position.
  - The output signal sent through the headphones should be cutted off.
  - Press PFL and check that the input signal can be heard through the headphones, as the phones indicating LED lights up.
  - The Vu-meter should display approximately a 0dB level.
  - Verify the headphones volume control knob.
  - Release the PFL pushbutton.
16. Input selector switched to LINE B (PHONO)
  - Swap the music source connecting it to LINE B.
  - Turn FADER 1 up to its maximum position.
  - Verify that the output signal is correct.
  - By using the rear panel selection switch, choose PHONO as input signal through LINE B.
  - Connect a pick-up to LINE B's PHONO input.
  - Verify the RIAA filter frequency response, the good sound quality and a good balance between bass and treble tones.
17. Input selector switched to MICRO
  - Connect a balanced microphone with phantom power supply to the unit's rear XLR-type terminal.
  - Switch ON the PHANTOM power supply (by the rear panel switch).
  - Speak into the microphone and verify the sound quality.
  - Verify the MIC ATT function by switching the rear side selector.
  - Verify the good common mode rejection level, by checking a good and clear sound quality, free of hums, scratches and other type of noise).

*Note: the input ports are combo-type (XLR+JACK) connectors, so on each of them both input connection types have to be checked. On the other hand, when turning off the PHANTOM supply, the MIC input should not function.*

18. Repeat this procedure on all the input channels. Input 7 has additionally a front side RCA-type input connection, and input 8 has also a front-side combo-type XLR+JACK connection to use with a microphone.
19. Verify output OUT 1 (bal).
  - Change the output checking connection to OUT 1 (bal), verify the sound quality, the OUT 1 volume control sweep (scratch-noise and attenuation).
20. Verify the L + R mode.
  - Apply input signal only on channel L of LINE A INPUT 1.
  - Check that the outputs do only have music signal on their left channel.
  - Press the SELECTOR L + R pushbutton and check that now there is music on both channels; however, this function is only available on outputs OUT 1 and OUT 2.
  - The LED associated to this function should light up.
  - The MIX signal bus should remain unaffected by this function, so both the Vu-meter and the REC output should still function in normal stereo mode.
  - Release again the L + R pushbutton.
21. OUT 2 (RCA-type) output.
  - Change the output checking connection to OUT 2 (RCA-type), verify the sound quality, the OUT 2 volume control sweep (scratch-noise and attenuation).

### **Talkover circuitry verification**

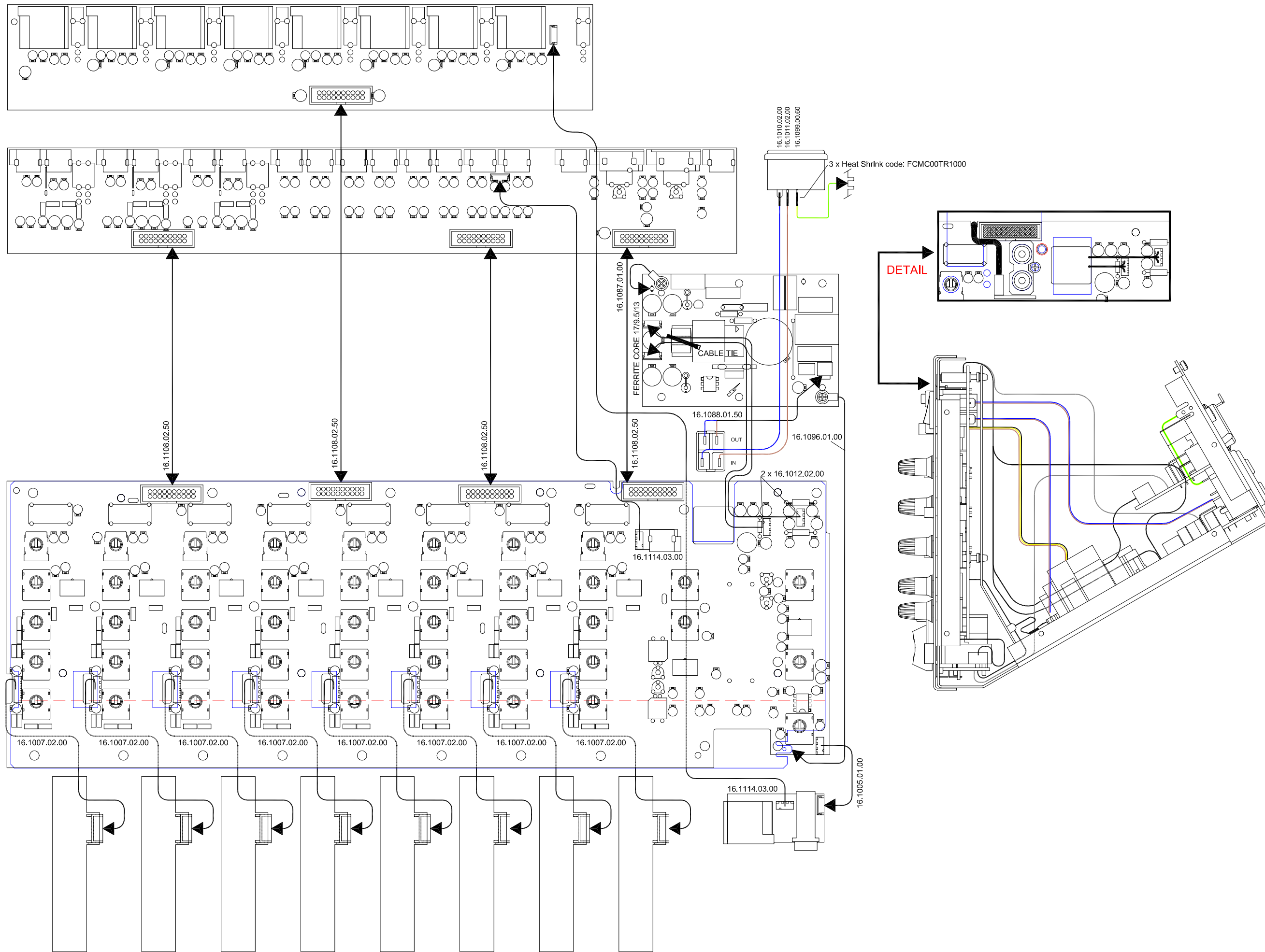
Control knobs positioning:

Talkover OFF.  
 EFF. up to maximum.  
 TIME up to maximum.  
 INPUT 1 switched to LINE A.  
 INPUT 8 switched to MIC.  
 FADER 1 and 8 up to maximum.

1. Apply an input signal to MICRO 8 (connect a microphone).
2. Apply an input signal (i.e. music from a CD player) to LINE A.
3. Get the output signal from OUT 1.
4. Through OUT 1 we should be able to hear the music mixed with the speech talked through the microphone.
5. Switch the TALKOVER button to ON. Verify that the TALKOVER indicating LED lights up.
6. By now, when the user speaks through the microphone, the music signal from INPUT 1 (CD) should be damped.
7. Verify the effect level by sweeping the EFF control knob. When turned to 30dB, the music signal should be very attenuated when talking through the microphone; when turned to 0dB the music should remain unchanged.
8. Verify the TIME function. When turned to 3s, the damped music needs the maximum time available to recover its nominal level. When turned back to 0.3s the music signal recovers its level almost immediately.

Inputs Sensitivity nom/Impedance	LINE (A-B-AUX)	0dBV/50k $\Omega$
	PHONO	-40dBV/50k $\Omega$
	MICRO (BAL)	-50dBV/>1k $\Omega$
	MICRO ATT (BAL)	-30dBV/>1k $\Omega$
Outputs Level/Minimum Load	OUT 1 (BAL)	0dBV/600 $\Omega$ 1V *(+6dB 2V)
	OUT 2	0dBV/2.2k $\Omega$ 1V *(+6dB 2V)
	REC	0dBV/10k $\Omega$
	HEADPHONES	200mW/200 $\Omega$
Frequency Response	LINE	10Hz $\div$ 30kHz -1dB
	MICRO BAL	10Hz $\div$ 30kHz -1dB
	PHONO	RIAA $\pm$ 0.5dB
THD+N	LINE	<0,03%
	MICRO	<0,06%
	PHONO	<0,04%
CMRR	MICRO	>75dB @ 1kHz
Signal Noise Ratio	LINE	>100dB
	MICRO	>85dB
	PHONO	>95dB
Gain control all inputs	GAIN	$\pm$ 20dB
Tone control	GAIN	$\pm$ 15dB
	BASS	90Hz
	MID	300Hz $\div$ 6,5kHz
	TREBLE	12kHz
Talkover	Time	0,3 / 3 seg
	Effect	0 / -30 dB
Signal Present indicators	LINE	-40dB
	MICRO	-90dB
Clip indicators		+10dB
Phantom voltage		+18VDC/5mA max.
Mains		90-264VAC 47-63Hz
Power consumption		33VA
Dimensions	Panel	482,6x177mm
	Depth	221,6mm
Weight		5,2kg

(\*) Internally selectable



drawn: J. Colomines  
approved:

date: 06/20/11  
title:

project:

M07-05

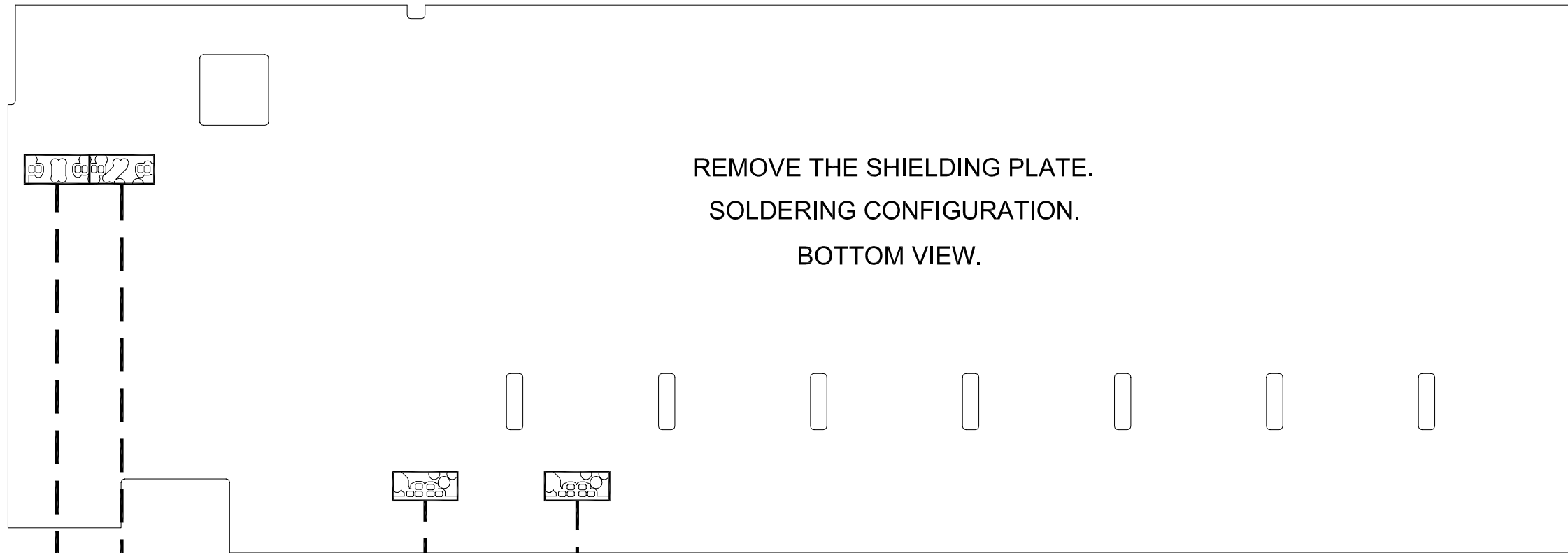
product:

COMPACT 8

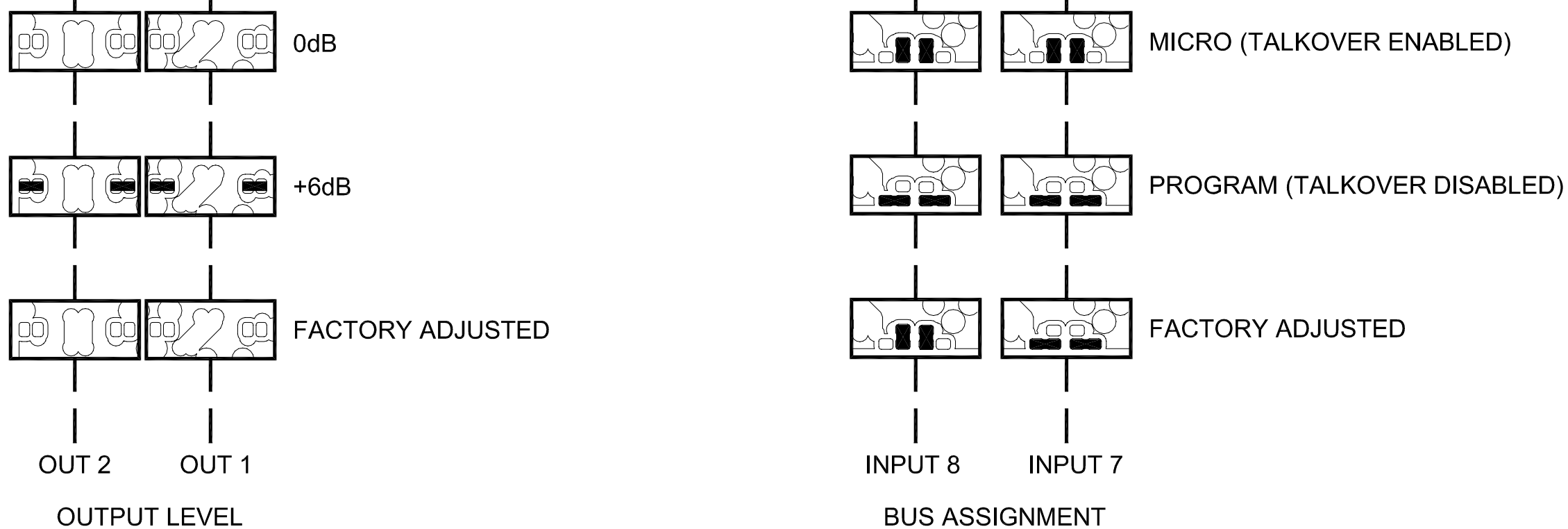
number: 31.0214 version: 01.01

# WIRING DIAGRAM





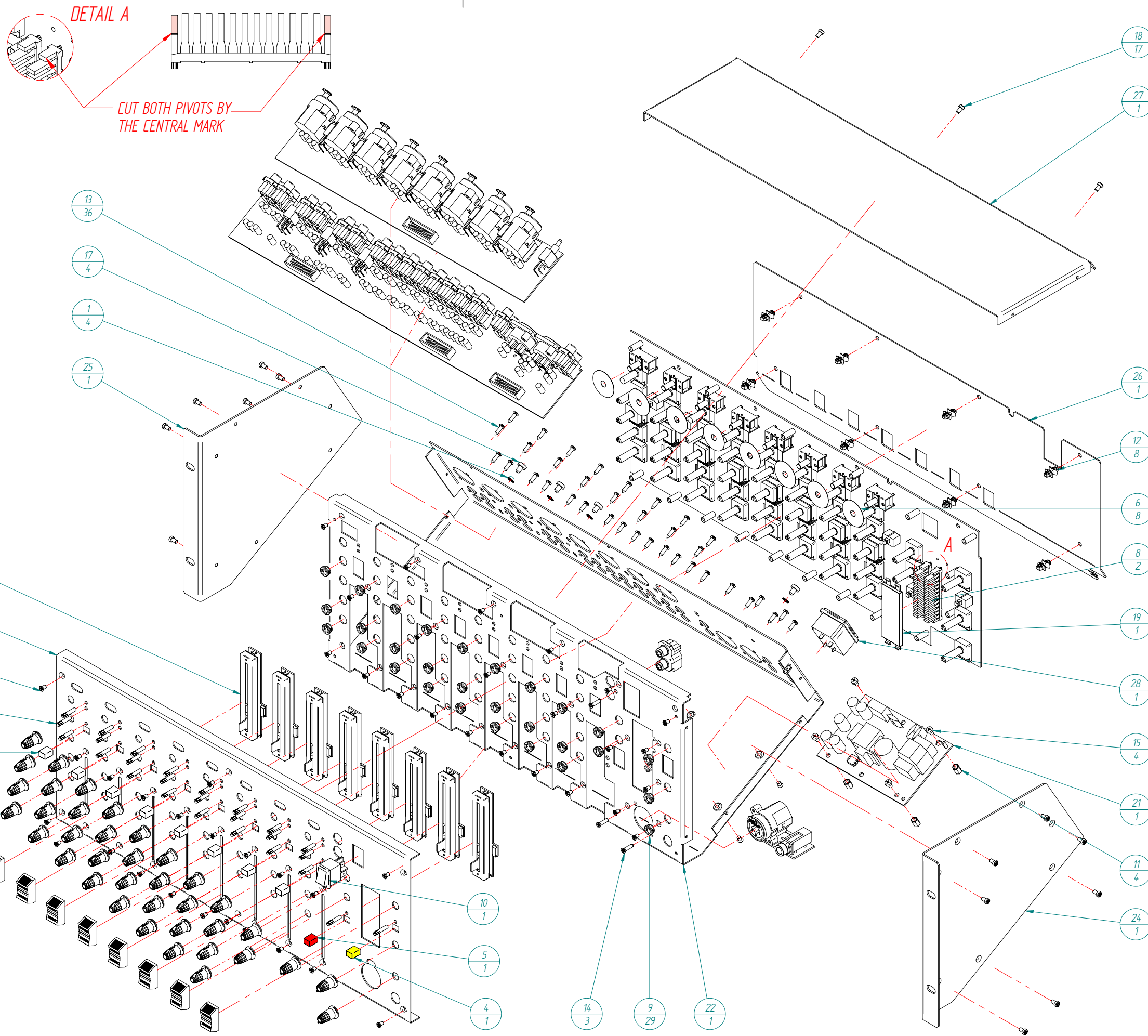
REMOVE THE SHIELDING PLATE.  
 SOLDERING CONFIGURATION.  
 BOTTOM VIEW.



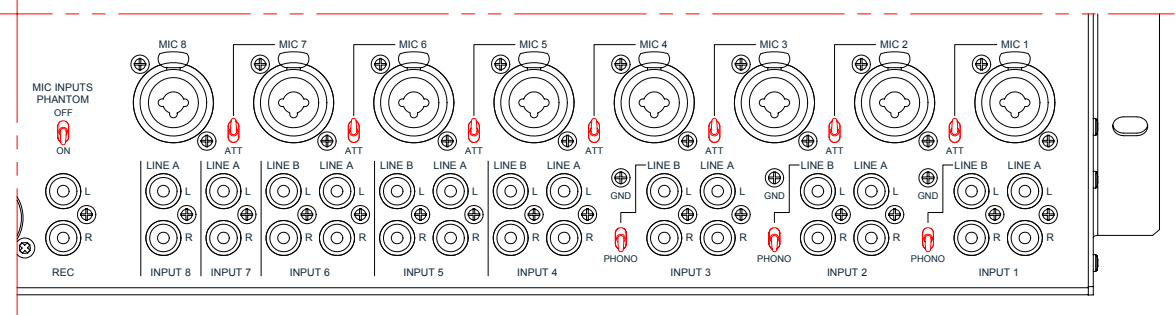
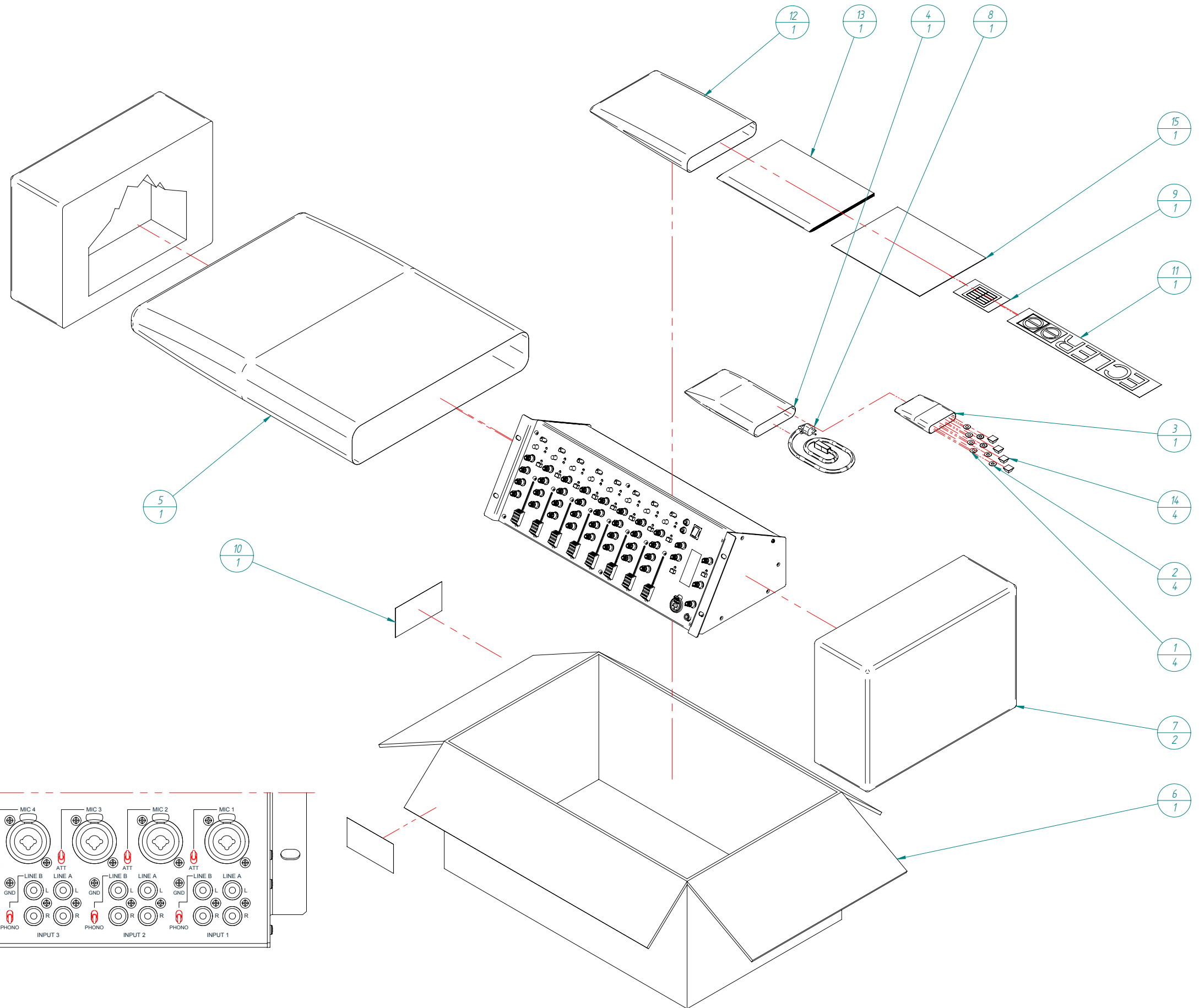
**⚠ CAUTION: DISCONNECT THE UNIT FROM THE MAINS SUPPLY**  
**⚠ ATTENTION: ANY CHANGE IN THE CONFIGURATION OF THE UNIT MUST BE CARRIED OUT BY A QUALIFIED TECHNICIAN.**

N°	Qty	Code	Description
1	4	FCARS4000000	SEGMENTED WASHER M4
2	37	FCBOTD120100	ROTARY KNOB D10 WHITE
3	8	FCBOTRI01000	PUSH BUTTON 5,5 x 7,5 WHITE
4	1	FCBOTRI02000	PUSH BUTTON 5,5 x 7,5 YELLOW
5	1	FCBOTRI03000	PUSH BUTTON 5,5 x 7,5 RED
6	8	FCDISC626000	CIRCULAR DUST FILTER
7	26	FCGUAL10000	LIGHT PIPE GUIDE VERTICAL
8	2	FCGUAL20000	12 WAY LIGHT PIPE VERTICAL
9	29	FCINSPLA2000	ROTARY POT. PLASTIC GUIDE
10	1	FCINTRED2000	MAINS SWITCH
11	4	FCSEP3080000	SPACER M3x8
12	8	FCSEPWLS0600	PLASTIC SPACER 6MM
13	36	FCT400290900	SCREW 2,9x9,5 D7981F BLACK
14	3	FCT500291300	SCREW D7982 2,9x13
15	4	FCT803005000	SCREW DIN 7985 M3x5 COMBI
16	49	FCT803005500	SCREW D965 M3x5 BLACK
17	4	FCT804006100	SCREW M4x6 SPANLO W.
18	17	FCT850300500	SCREW M3x5 REDUCED HEAD
19	1	FCVU050000000	2X12 VUMETER VIEWER
20	8	FINS01109140	FADER 10Kx2 60MM W/BOARD
21	1	FMFONT40C000	FONT40C POWER SUPPLY
22	1	FP0291100000	BASE CHASSIS
23	1	FP0291200000	FRONT PANEL
24	1	FP0291300000	RIGHT SIDE
25	1	FP0291400000	LEFT SIDE
26	1	FP0291500000	MAIN CIRCUIT SHIELDING PLATE
27	1	FP0291600000	TOP COVER
28	1	FRBASRE20680	MAINS SOCKET AC013 W/FUSE 500mA
29	8	FRBOTDES0600	STANDARD FADER KNOB

NOTE:  
TO VIEW GENERAL AND GROUND CABLES POSITION,  
SEE WIRING DIAGRAM NUMBER 31.0214



Nº	Qty	Code	Description
1	4	FCARAT300000	SCREW INSULATOR
2	4	FCARN5000000	METAL WASHER 5X11,5X0,8 BLACK
3	1	FCBOL0010000	BAG 60x80
4	1	FCBOL0020000	PLASTIC BAG 120x180
5	1	FCBOLS020000	STANDARD BAG 75x65
6	1	FCCAISTA2900	PACKING CARDBOARD BOX
7	2	FCCANT125000	PACKING REINFORCEMENT
8	1	FCCONX017500	MAINS CABLE 3x1
9	1	FCETI0504000	STICKERS FOR INPUTS LABELLED
10	1	FCETI0951140	PRODUCT LABEL PACK (ONE FOR EACH UNIT)
11	1	FCETIECL1000	ECLER STICKER 300x50
12	1	FCFUNMAN0000	USER MANUAL BAG
13	1	FCMANCOMP800	USER MANUAL COMPACT8
14	4	FCPIE1125500	RUBBER FOOT
15	1	FCTARJG00000	WARRANTY CARD



**REAR PANEL SWITCHES POSITION:**

- MIC-MIC ATT SELECTOR FOR INPUTS 1-8: MIC POSITION
- LINE-PHONO SELECTOR FOR INPUTS 1-3: PHONO POSITION
- MIC INPUTS PHANTOM SELECTOR: ON