

REV	ITEM	DESCRIPTION	DATE
1	1	SCHEMATIC DIAGRAM	10/16/56
2	2	REVISION	
3	3	REVISION	
4	4	REVISION	
5	5	REVISION	
6	6	REVISION	
7	7	REVISION	
8	8	REVISION	
9	9	REVISION	
10	10	REVISION	

REV	ITEM	DESCRIPTION	DATE
1	1	SCHEMATIC DIAGRAM	10/16/56
2	2	REVISION	
3	3	REVISION	
4	4	REVISION	
5	5	REVISION	
6	6	REVISION	
7	7	REVISION	
8	8	REVISION	
9	9	REVISION	
10	10	REVISION	

THE TECHNICAL MATERIALS CORP.
 SCHEMATIC DIAGRAM
 FFR-3
 10/16/56
 CK-277B

RELEASED

LAST SYMBOLS (NOT INCLUDING TUNING DRAWER)
 E102 V109
 R102 L104
 S104 Y100
 C108 X100
 T108

MISSING SYMBOLS
 C124, C126, C130

REV	ITEM	DESCRIPTION	DATE
1	1	SCHEMATIC DIAGRAM	10/16/56
2	2	REVISION	
3	3	REVISION	
4	4	REVISION	
5	5	REVISION	
6	6	REVISION	
7	7	REVISION	
8	8	REVISION	
9	9	REVISION	
10	10	REVISION	

NOTE: OPERATIONAL CONNECTIONS TO BE MADE IN ITS PLACE.

TUNING DRAWER FFR-3B (SEE NOTE XX)
 RANGE 16-32 MCS

NOTE: THE FFR-3B TUNING DRAWER IS SHOWN ON THIS SCHEMATIC ONLY AS A REFERENCE. IT IS NOT PART OF THE FFR-3. ANY FFR-3B TUNING DRAWER MAY BE USED IN ITS PLACE.

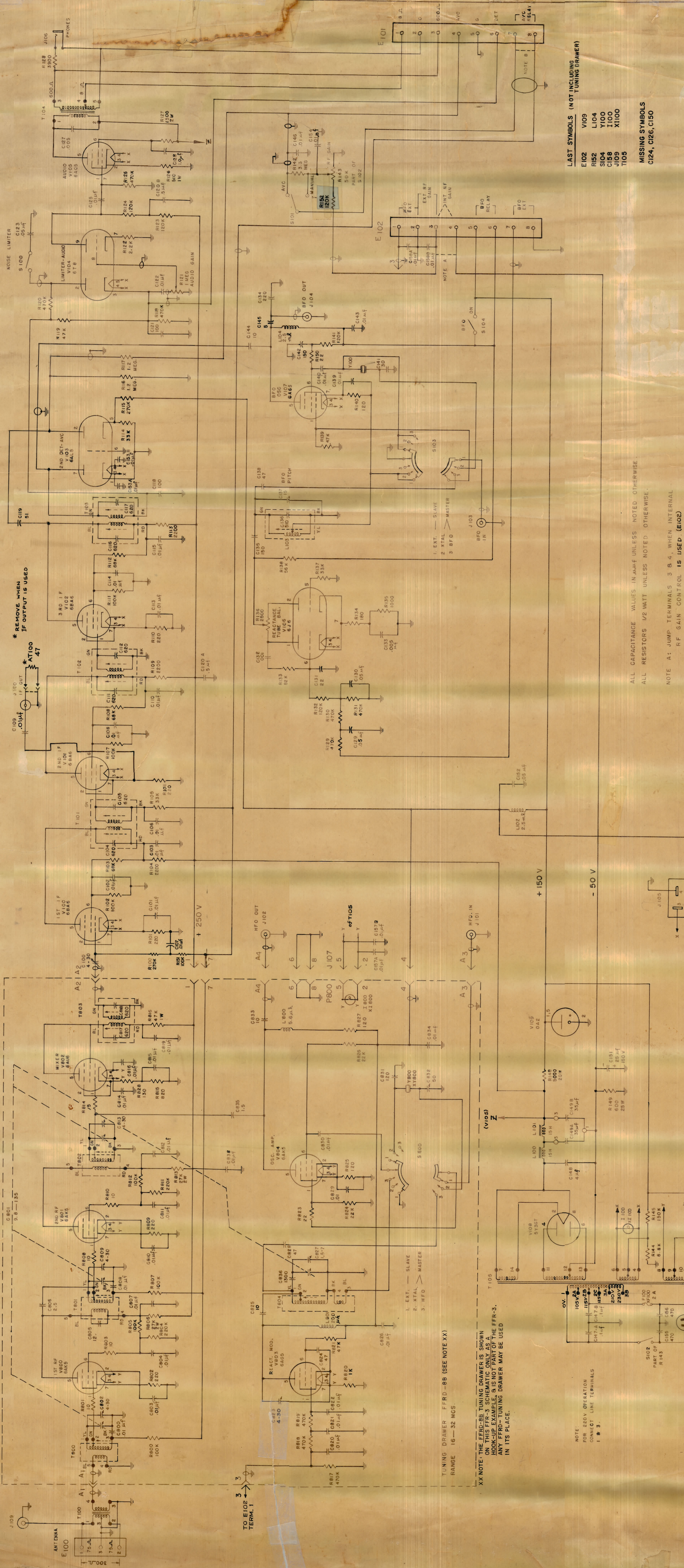
NOTE: OPERATIONAL CONNECTIONS TO BE MADE IN ITS PLACE.

ALL CAPACITANCE VALUES IN MICROFARADS UNLESS OTHERWISE NOTED OTHERWISE.

ALL RESISTORS 1/2 WATT UNLESS OTHERWISE NOTED OTHERWISE.

NOTE A: JUMP TERMINALS 3 & 4, WHEN INTERNAL RF GAIN CONTROL IS USED (E102)

NOTE B: JUMP TERMINALS 7 & 8, WITH INTERNAL RF GAIN CONTROL IS USED (E101)



* REMOVE WHEN IF OUTPUT IS USED

LAST SYMBOLS (NOT INCLUDING TUNING DRAWER)
 E102
 V109
 R104
 Y100
 X100
 X100

MISSING SYMBOLS
 C124, C126, C150

ALL CAPACITANCE VALUES IN MICROFARADS UNLESS NOTED OTHERWISE.
 ALL RESISTOR VALUES IN OHMS UNLESS NOTED OTHERWISE.
 NOTE A: JUMP TERMINALS 3 & 4, WHEN INTERNAL RF GAIN CONTROL IS USED (E102)
 NOTE B: JUMP TERMINALS 7 & 8, WHEN INTERNAL AVC CONTROL IS USED (E101)

TUNING DRAWER FFRD-8B (SEE NOTE XX)
 RANGE 16-32 MCS
 XX NOTE: THE FFRD-8B TUNING DRAWER IS SHOWN ON THIS FFR-3 SCHEMATIC ONLY AS A REFERENCE. THE TUNING DRAWER MAY BE USED IN ANY FFRD-TUNING DRAWER MAY BE USED IN ITS PLACE.

REQ. ITEM	PART NO.	DESCRIPTION	QUANTITY
1	6X4	6X4	1
2	6AR5	6AR5	1
3	6AV6	6AV6	1
4	6BE6	6BE6	1
5	6BE7	6BE7	1
6	6BE8	6BE8	1
7	6BE9	6BE9	1
8	6BE9A	6BE9A	1
9	6BE9B	6BE9B	1
10	6BE9C	6BE9C	1
11	6BE9D	6BE9D	1
12	6BE9E	6BE9E	1
13	6BE9F	6BE9F	1
14	6BE9G	6BE9G	1
15	6BE9H	6BE9H	1
16	6BE9I	6BE9I	1
17	6BE9J	6BE9J	1
18	6BE9K	6BE9K	1
19	6BE9L	6BE9L	1
20	6BE9M	6BE9M	1
21	6BE9N	6BE9N	1
22	6BE9O	6BE9O	1
23	6BE9P	6BE9P	1
24	6BE9Q	6BE9Q	1
25	6BE9R	6BE9R	1
26	6BE9S	6BE9S	1
27	6BE9T	6BE9T	1
28	6BE9U	6BE9U	1
29	6BE9V	6BE9V	1
30	6BE9W	6BE9W	1
31	6BE9X	6BE9X	1
32	6BE9Y	6BE9Y	1
33	6BE9Z	6BE9Z	1

REQ. ITEM	PART NO.	DESCRIPTION	QUANTITY
1	6X4	6X4	1
2	6AR5	6AR5	1
3	6AV6	6AV6	1
4	6BE6	6BE6	1
5	6BE7	6BE7	1
6	6BE8	6BE8	1
7	6BE9	6BE9	1
8	6BE9A	6BE9A	1
9	6BE9B	6BE9B	1
10	6BE9C	6BE9C	1
11	6BE9D	6BE9D	1
12	6BE9E	6BE9E	1
13	6BE9F	6BE9F	1
14	6BE9G	6BE9G	1
15	6BE9H	6BE9H	1
16	6BE9I	6BE9I	1
17	6BE9J	6BE9J	1
18	6BE9K	6BE9K	1
19	6BE9L	6BE9L	1
20	6BE9M	6BE9M	1
21	6BE9N	6BE9N	1
22	6BE9O	6BE9O	1
23	6BE9P	6BE9P	1
24	6BE9Q	6BE9Q	1
25	6BE9R	6BE9R	1
26	6BE9S	6BE9S	1
27	6BE9T	6BE9T	1
28	6BE9U	6BE9U	1
29	6BE9V	6BE9V	1
30	6BE9W	6BE9W	1
31	6BE9X	6BE9X	1
32	6BE9Y	6BE9Y	1
33	6BE9Z	6BE9Z	1

RELEASED
 FFR-3
 MODEL
 PROJECT NO. USED OR
 DATE 10/16/58
 CK-2778
 D

REV.	DATE	BY	DESCRIPTION
1	10/16/58	W. J.
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50