

FIELD CHANGE ORDER

RCSL: 44-RT 1196

NO. 18-014

MANDATORY ☒	RETROFIT ON FAILURE ☐	OPTIONAL ☐
WARRANTY ☒	NON WARRANTY ☐	

PAGE 1	OF 4
RE: ECN NO. 18-014	

MANUFACTURING EFFECTUATION FPA 801/02/29 and up	EQUIPMENT AFFECTED RC8000 RC 8401/FPA 801 Front End Processor Adapter
NOTE	

SCOPE Due to unstability in the 74S124 main oscillator this oscillator has been replaced by an AGATRONIC oscillator.

FIELD INSTRUCTION	CONT'D ☐
1. Rebuild KT 512 in IC-position 90 as shown on pages 2 and 3. New KT circuit is called KT 584. 2. Remove and install new wires as shown on enclosed Hardok formular 22. 3. Mark the FCO-label with 18-014.	

ADDITIONAL COMMENTS	CONT'D ☒
Kits may be ordered free of charge from ITS.	

QTY	PARTS REQUIRED	RC - P/N
1	AGATRONIC oscillator CCO-8/9.8304 Mhz	6-0112
1	47 nF, 12V	4-3911
2m	Mini wrap wire	4-4910

DOCUMENTATION ENCLOSED IN THE KIT
1. New CONTENTS list in Manual No. 52-AA610 which gets a new RCSL No.: 52-AA632 (3 pages)
2. New CONTENTS list in Technical Manual No. 52-AA611 which gets a new RCSL No. 52-AA633 (5 pages)
3. Diagram No. A12974 replaces A12818 Diagram No. A12975 replaces A12900
4. New KT 584 Dwg. No. A24958
5. Part list No. A24956 replaces A24754 Part list No. A24957 replaces A24755.

TIME REQUIRED	Appr. 2 hours
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DATE 28/3 - 77

SIGN. <i>Villy Hansen</i>

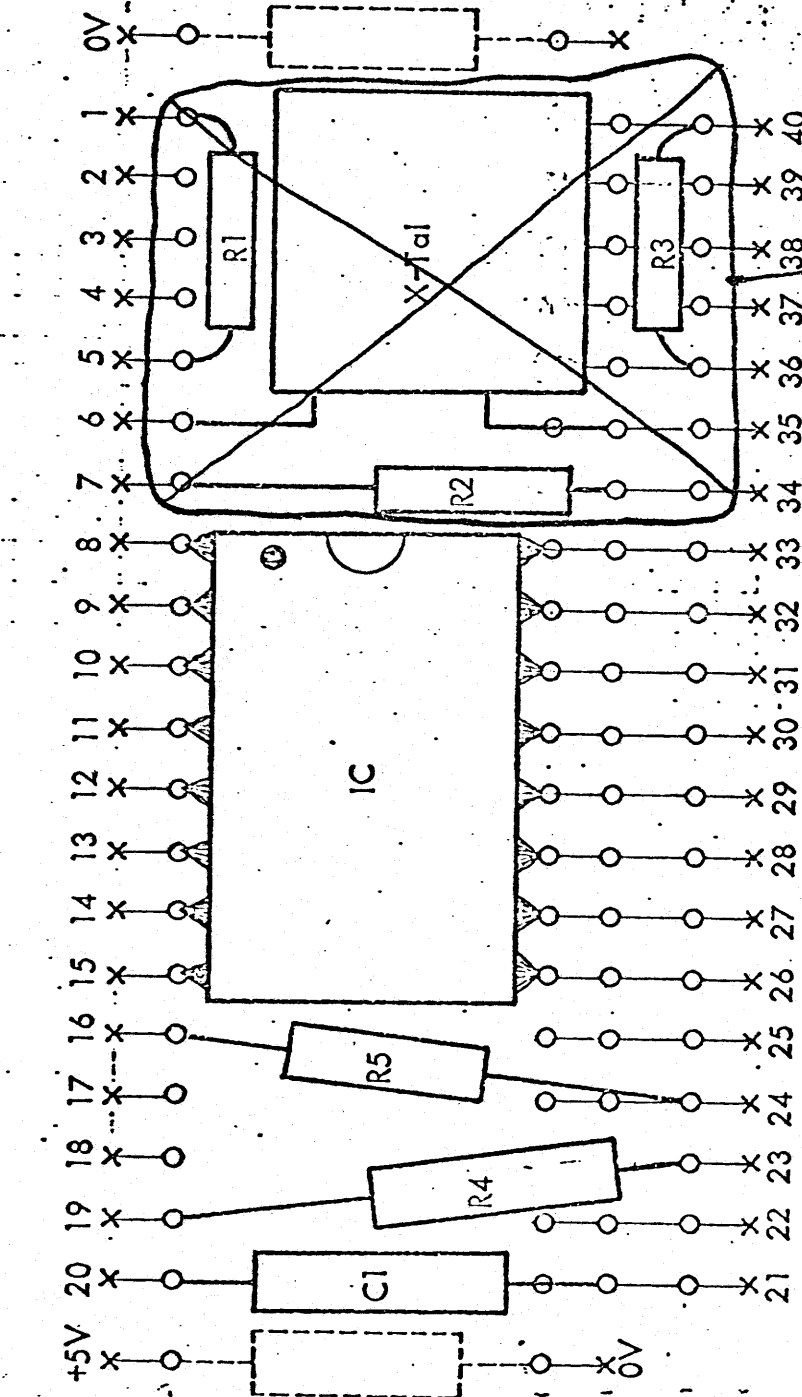
7/2-77 VH

Circuit : KT - 512 8 MHZ OSCILLATOR + 100 KHZ OSCILLATOR

Mounting :

Seen from the component side

Internal wiring :



Components :

X-Tal :	9.8304
IC :	74S124
C1 :	33nF
R1 :	1k5
R2 :	1k
R3 :	3k9
R4 :	3k2
R5 :	2k

1/20W (benene sioleres m. teflon)
1/20W
1/20W
1/20W
1/20W

1. Remove R1, R2, R3 and X-Tal

2. Remove the crossed out wires

3. Install new IC 2 and new wires as shown on page 3



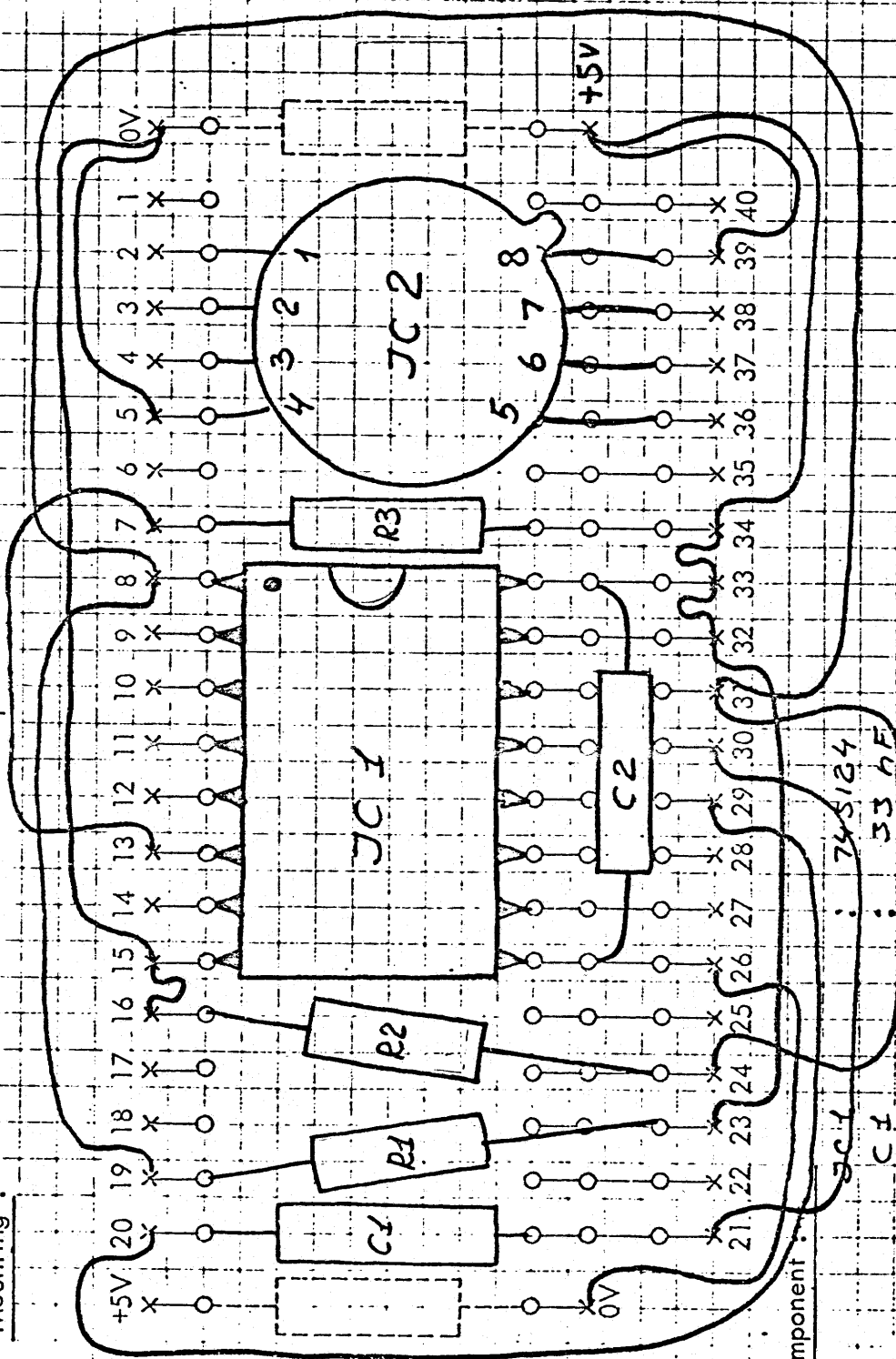
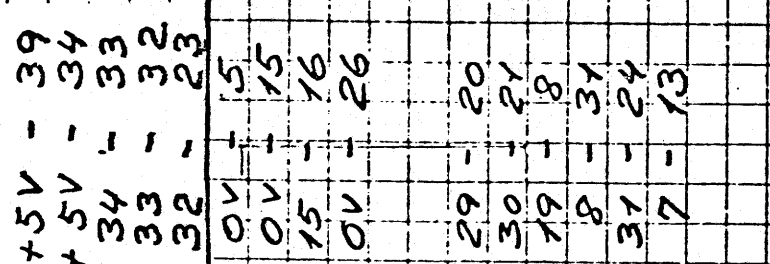
Circuit : KT 584

9.8304 Hz and 30 kHz oscillator

Mounting :

Seen from the component side

Internal wiring



Component:

501 / 745124

CH 33 hE

477 nF (benene isoleres med blykon)

R1 : 3K3 120W

R2	:	2k	1/20 W
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JC 2	:	AGATRONIC	OSCILLATOR	CCO-8/	98304 MHz
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R3 145 1/20 W

FIELD CHANGE ORDER

NO: 18-031
ISSUE WEEK 51-78

RCSL: 44 RT 1634

MANDATORY	☒	RETROFIT ON FAILURE	☐
WARRANTY	☒	NON WARRANTY	☐

PAGE	1	OF	1
RE: ECN NO:	18-031		

SERIAL EFFECTIVITY	EQUIPMENT AFFECTED
FPA801/162 and upwards	RC8000 RC8401/FPA801 Front end processor adaptor
NOTE	

REASON FOR CHANGE
This modification relays the SEL IN (1) signal from the BCU.
DESCRIPTION OF CHANGE
1. Insert a connection from (1001-B4) to (1001-B5)
2. Code the FCO-label 18-031
ADDITIONAL COMMENTS

QTY:	PARTS REQUIRED	RC -P/N
10cm	Wire wrapwire	4-4910

DOCUMENTATION ENCLOSED
Provisional logic diagram for FPA801 (1 page)

KITS FREE OF CHARGE FROM ISS:	YES ☒	NO ☐
RETURN CHANGED PARTS TO ISS:	YES ☐	NO ☐

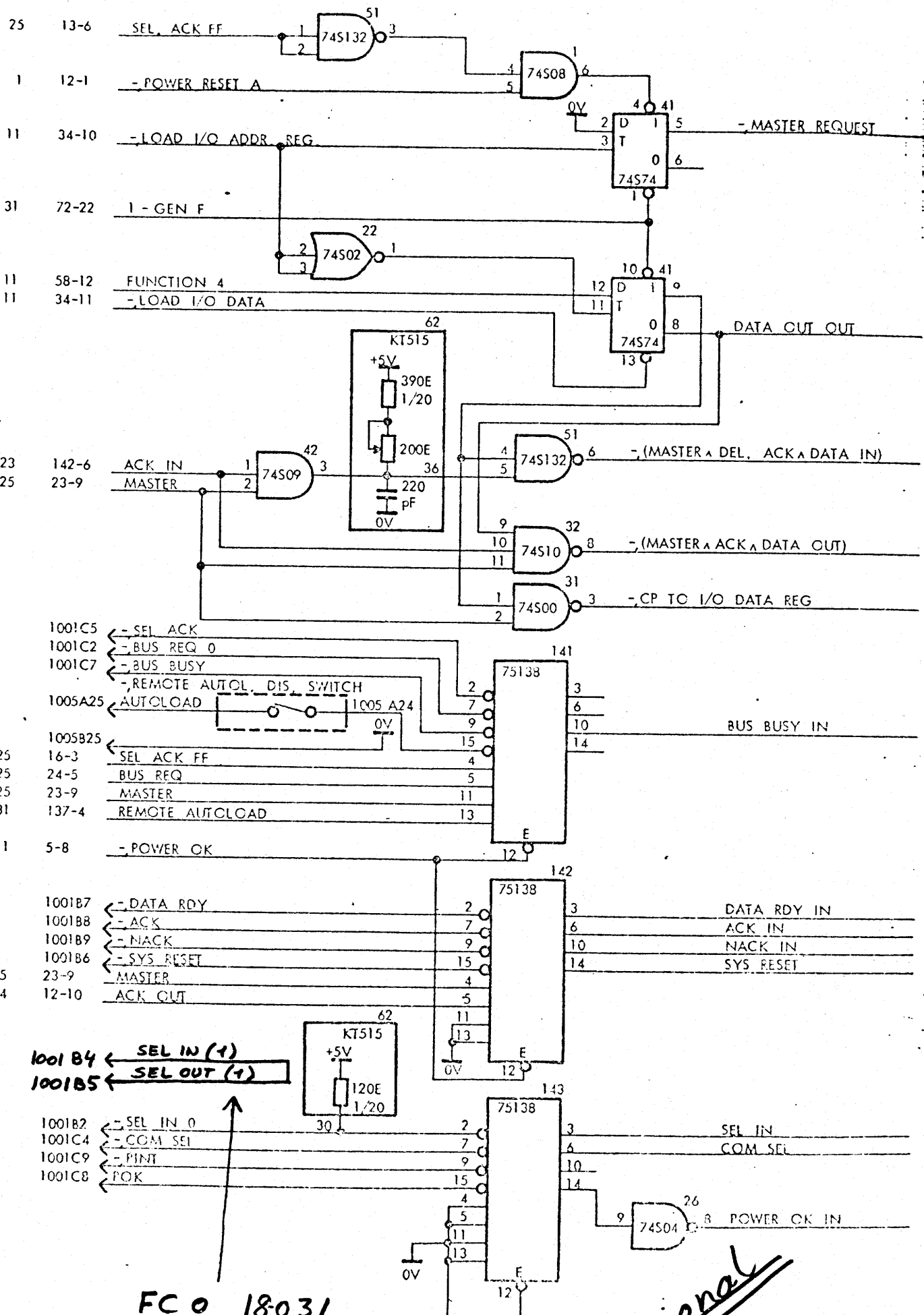
ESTIMATED INSTALLATION TIME:	15 minutes
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PROJECT ENGINEER		DEVELOPMENT MANAGER		SYS. PRODUCTION MANAGER		TECH. SERVICE MANAGER	
SIGN.	DATE	SIGN.	DATE	SIGN.	DATE	SIGN.	DATE
<i>Villy Hansen</i>	5/12-78	<i>Planis</i>	5/12 78	<i>BC</i>	5/12 78	<i>Illerud</i>	5/12 78

770406 VH.

770324 AMS, 770401 LLM

750923 VH.



Provisional