

30 MHz RCP FROM CARRIAGE HOUSE VIA CABLE COMPENSATION AMPLIFIER IN RACK 7

30 MHz LCP FROM CARRIAGE HOUSE VIA CABLE COMPENSATION AMPLIFIER IN RACK 7

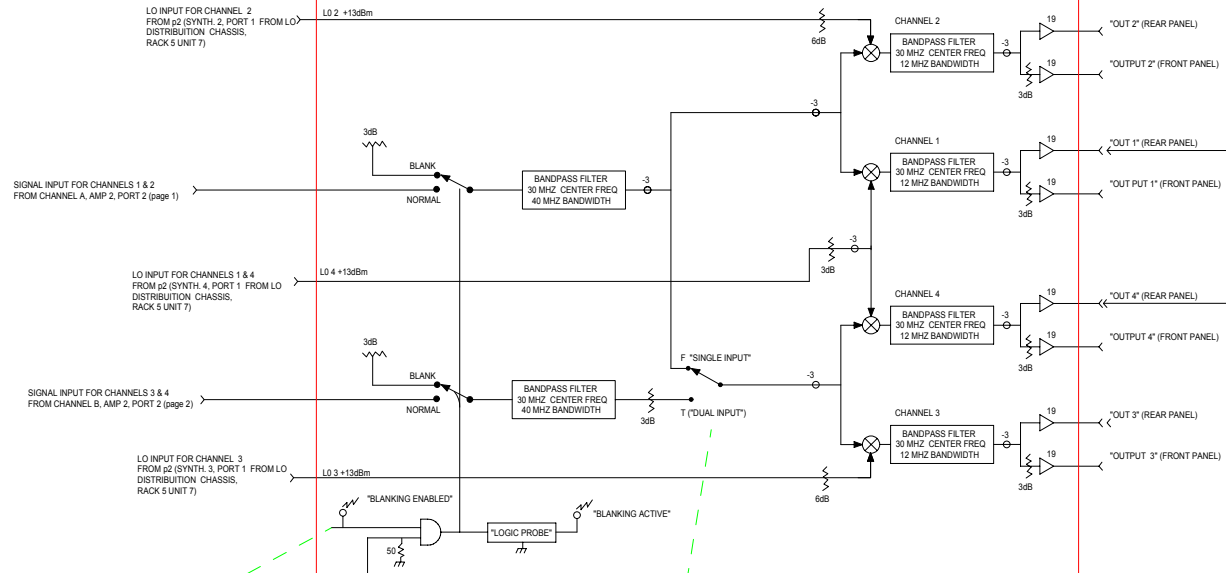
CARRIAGE HOUSE 30 TO 260 CONVERTER AND VISITOR ROOM SIGNAL SELECTOR (RACK 5)

TWO 30MHz SIGNALS TO VISITOR EQUIPMENT ROOM  
LCP (OR POL B)  
RCP (OR POL A)

TWO CARRIAGE HOUSE SIGNALS, CONVERTED TO 260 MHz

TO TRANSFER SWITCH p. 1

260 MHz TO 30 MHz DOWN CONVERTER RACK 5 UNIT 13



**9** ENABLE BLANKING INPUT  
EXAMPLE: if2 "if2\_430bink T"  
(USED FOR 430 MHz RADAR)

BLANKING INPUT  
TTL HI = BLANKING ON  
TTL LO = BLANKING OFF  
NO CONNECTION = BLANKING OFF

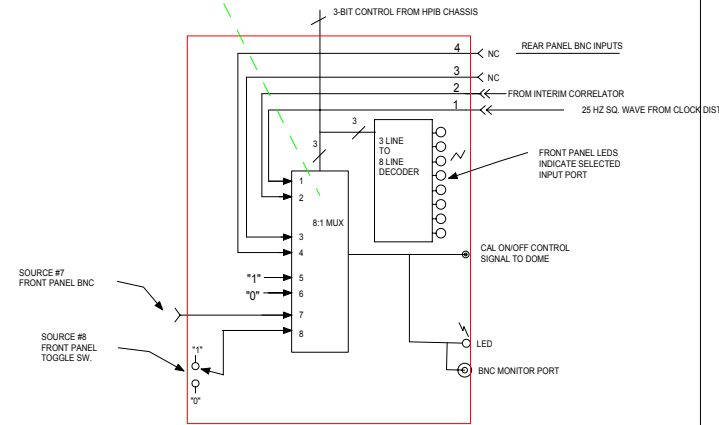
CAL ON/OFF CONTROL SOURCE-SELECTOR - RACK 5 UNIT 11

**10** SELECT 2 BANDS FROM POL. A & 2 BANDS FROM POL. B ("TRUE")  
OR 4 BANDS FROM POL. A ("FALSE")  
EXAMPLE: if2 "if2\_2a2b30 T"

**12**

CAL COMMAND SELECTOR  
EXAMPLE: if2 "if2\_calsrc 8"

**11** SELECT 30 MHz SOURCE FOR VISITOR ROOM  
CARRIAGE HOUSE ch OR GREGORIAN grm (grw=grm)  
EXAMPLE: if2 "if2\_vis30mhz grm"



(SELECTS THE ON/OFF CONTROL SOURCE FOR A SINGLE CAL ON/OFF SIGNAL THAT GOES TO THE DOME IN THE DOME. A DISTRIBUTOR ROUTES THE SIGNAL TO THE CAL DIODE(S) OF A SELECTED RECEIVER)

DOWNSTAIRS IF-LO SYSTEM  
FUNCTIONAL BLOCK DIAGRAM

PAGE 3 OF 3: 260 MHz TO 30 MHz CONVERTER,  
CARRIAGE HOUSE 260 TO 30 CONVERTER  
AND VISITOR ROOM SIGNAL SOURCE SELECTOR,  
CAL ENABLE SELECTOR