

# HAMILTON

## RANGEMASTER AM1000

### AM1000F RANGEMASTER

To install the AM1000F Module (if not already installed) first remove the crystal from the main AM1000 printed circuit board. Be sure that the AM1000 is not powered. Locate U8 on the main AM1000 board (near crystal) and remove the CD4001 IC if present. Also locate and remove U10, the CD4093 IC.

The AM1000F module should plug into the socket under U10, be sure that the mounting holes on the AM1000F board line up with the nylon standoffs.

Finally; secure the AM1000F with nylon screws.

Set the two dip switches on the AM1000 module using the following tables.

Tip: First turn all the switches on both S1 and S2 “off”. Then note just which switches are “on” using the chart and set the switches.

Try to use the higher frequencies if at all possible, you will get the best range. Most often 1610 or 1620 is best.

OUTPUT FREQ	R5 1	R6 2	S0 3	S1 4	S2 5	V0 10	V1 11	V2 12	V3 13	V4 14	R4 28	R3 27	R2 26	R1 25	R0 24	V8 18	V7 17	V6 16	V5 15	OUTPUT FREQ
	S W I T C H 1										S W I T C H 2									
	S1.1	S1.2	S1.3	S1.4	S1.5	S1.6	S1.7	S1.8	S1.9	S1.10	S2.1	S2.2	S2.3	S2.4	S2.5	S2.6	S2.7	S2.8	S2.9	AM1000F
1200	on	on	on	on	on	on	on	on	on	off	off	off	off	on	off	on	on	on	on	1200
1210	off	off	on	on	on	off	on	on	on	off	off	off	on	off	off	on	on	off	off	1210
1220	off	off	on	on	on	on	off	on	on	off	off	off	on	off	off	on	on	off	off	1220
1230	off	off	on	on	on	off	off	on	on	off	off	off	on	off	off	on	on	off	off	1230
1240	off	off	on	on	on	on	on	off	on	off	off	off	on	off	off	on	on	off	off	1240
1250	on	on	on	on	on	on	on	off	on	on	on	off	on	off	on	on	on	on	on	1250
1260	off	off	on	on	off	off	off	off	on	off	off	off	on	off	off	on	on	on	off	1260
1270	off	off	on	on	on	off	off	off	on	off	off	off	on	off	off	on	on	off	off	1270
1280	off	off	on	on	off	on	on	on	off	off	off	off	on	off	off	on	on	on	off	1280
1290	off	off	on	on	on	off	on	on	off	off	off	off	on	off	off	on	on	off	off	1290
1300	on	on	on	on	off	off	on	off	on	on	off	off	off	on	off	on	on	on	on	1300
1310	off	off	on	on	on	off	off	on	off	off	off	off	on	off	off	on	on	off	off	1310
1320	off	off	on	on	off	on	off	on	off	off	off	off	on	off	off	on	on	on	off	1320
1330	off	off	on	on	on	off	on	off	off	off	off	off	on	off	off	on	on	off	off	1330
1340	off	off	on	on	off	off	off	on	off	off	off	off	on	off	off	on	on	on	off	1340
1350	on	on	on	on	on	off	off	on	on	off	off	on	off	off	off	on	on	on	on	1350
1360	off	off	off	off	on	off	off	off	on	on	on	off	on	off	on	on	on	on	off	1360
1370	off	off	on	on	on	off	on	on	on	on	off	off	on	off	off	on	off	on	on	1370
1380	on	off	off	on	on	off	on	on	off	on	on	off	on	off	off	on	on	on	on	1380
1390	off	off	on	on	on	off	off	on	on	on	off	off	on	off	off	on	off	on	on	1390
1400	off	off	off	on	on	on	on	off	on	off	off	off	on	off	off	on	on	on	on	1400
1410	off	off	on	on	on	off	on	off	on	on	off	off	on	off	off	on	off	on	on	1410
1420	off	off	on	on	off	off	off	off	off	off	off	off	on	off	off	on	on	on	off	1420
1430	off	off	on	on	on	off	off	off	on	on	off	off	on	off	off	on	off	on	on	1430
1440	on	off	off	off	on	off	on	on	on	on	off	on	off	off	off	on	on	on	off	1440
1450	on	on	on	on	on	off	on	off	on	off	off	on	off	off	off	on	on	on	on	1450
1460	off	off	on	on	on	on	off	on	off	on	off	off	on	off	off	on	off	on	on	1460
1470	off	off	on	on	on	off	off	on	off	on	off	off	on	off	off	on	off	on	on	1470
1480	on	off	off	on	on	on	off	on	off	on	on	off	on	off	on	on	on	on	on	1480
1490	off	off	on	on	on	off	on	off	off	on	off	off	on	off	off	on	off	on	on	1490
1500	on	on	on	on	on	on	on	off	on	on	on	off	on	on	on	on	on	on	on	1500
1510	off	off	on	on	on	off	off	off	off	on	off	off	on	off	off	on	off	on	on	1510
1520	off	off	on	on	on	on	on	on	on	off	off	off	on	off	off	on	off	on	on	1520
1530	off	off	on	on	on	off	on	on	on	off	off	off	on	off	off	on	off	on	on	1530
1540	on	off	off	on	on	off	on	on	off	on	on	on	on	off	off	on	on	on	on	1540
1550	on	on	on	on	on	off	off	off	on	off	off	on	off	off	off	on	on	on	on	1550
1560	off	off	on	on	off	on	off	off	on	on	off	off	on	off	off	on	on	off	on	1560
1570	off	off	on	on	on	off	on	off	on	off	off	off	on	off	off	on	off	on	on	1570
1580	on	off	off	on	on	off	off	off	off	on	off	off	on	on	off	on	on	on	on	1580
1590	off	off	on	on	on	off	off	off	on	off	off	off	on	off	off	on	off	on	on	1590
1600	on	on	on	on	on	on	on	on	off	off	off	on	off	off	off	on	on	on	on	1600
1610	off	off	on	on	on	off	on	on	off	off	off	off	on	off	off	on	off	on	on	1610
1620	off	off	on	on	off	off	on	on	off	on	off	off	on	off	off	on	on	off	on	1620
1630	off	off	on	on	on	off	off	on	off	off	off	off	on	off	off	on	off	on	on	1630
1640	off	on	off	off	off	off	on	off	off	off	on	off	off	on	off	on	on	on	on	1640
1650	on	on	on	on	on	off	on	on	off	off	off	on	off	off	off	on	on	on	on	1650
1660	off	off	on	on	off	off	off	on	off	on	off	off	on	off	off	on	on	off	on	1660
1670	off	off	on	on	on	off	off	off	off	off	off	off	on	off	off	on	off	on	on	1670
1680	off	off	on	on	off	on	on	off	off	on	off	off	on	off	off	on	on	off	on	1680
1690	off	off	on	on	on	off	on	on	on	on	off	off	on	off	off	on	off	on	off	1690
1700	on	on	on	on	on	on	off	on	off	off	off	on	off	off	off	on	on	on	on	1700
1710	off	off	on	on	on	off	off	on	on	on	off	off	on	off	off	on	off	on	off	1710

