

# U5000 TROUBLESHOOTING GUIDE

SYMPTOM	CAUSE	COMMENTS
NO PICTURE/VIDEO DISTORTED VIDEO WAVE IN PICTURE	IC U500, Q501, C116, IC U101, CRT C115, IC U101, GROUNDING PROBLEM	TICKING SOUND  INSURE WIRES NOT BUNCH AROUND TRANSFORMERS OR LOOSE GROUNDS
NO POWER - DEAD  START UP	Q101, D107, Q704, D708, R104, D104, Q703, Q708, , Q705, C119, C118 Q708, ZD702, ZD705, C713, R760, R765	BLOWS FUSE
SHUT DOWN	C713, C730, Z701, IC U701,	TICKING SOUND
BRIGHTNESS CONTRAST	R817, R811, C805, C810, R823, R824, IC U500 R901, R902, VR905, IC U500	15KHZ - R823    25KHZ - R824
NO VERT DEFLECTION COMPRESSED VERT VERT FOLDOVER NO VERT HOLD VERT SIZE	R303, D603, IC U601, Z602, C615, D301, D302 D603, R303, IC U601 R618 C601, R303, D603, C615, IC U601	VERT KIT AVAILABLE PART NUMBER - S05F0000-000F MAT NEED TO CHANGE VALUE +- .5 OHM
SYNC PROBLEM	C732, Q601, C602, Z601, VR904, VR902, IC U701	CHECK THAT SYNC IS GOING INTO PROPER IN PUT (+or -) SEP. SYNC OR (+or-) COMP. SYNC INSURE THAT FREQ PLUG IS IN CORRECT POSITION 15 OR 25KHZ
COLOR PROBLEMS	IC U500	
NO RED PICTURE RED	Q511, R565, R566, Q505, Q508, IC U500	BLUE & GREEN MAY BE MISSING
NO BLUE PICTURE BLUE	Q509, R559, R560, Q503, R506, IC U500	RED & GREEN MAY BE MISSING
NO GREEN PICTURE GREEN	Q510, R562, R563, Q504, Q507, IC U500	RED & BLUE MAY BE MISSING
WIDTH PROBLEM		

NOTE: ITEMS IN THE "CAUSE" COLUMN ARE LISTED FROM MOST COMMON  
TO LEAST COMMON COMPONENTS