

Technical Services Memo

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Product Code: PK
Subject Code: SV
Part Number: Various
LBI: Various

CATEGORY: Portable

SUBJECT: Control/Logic board and RF board compatibility

PROBLEM: Many versions of Control/Logic boards and RF boards have been produced during the lifetime of the M-RK family of portable radios. When replacing failed boards in this model a compatibility issue can develop because certain versions of Control/Logic boards will not operate with certain versions of the RF boards.

SOLUTION: This matrix chart shows which Control/Logic and RF boards are compatible.

M-RK Portable Radio: Replacement Circuit Board Compatibility Matrix							
RF Boards		Control / Logic Boards					RF Board Supersceded by:
Part Number	Bandslit / Bandwidth	K19/AS00000065 ANALOG 128k Flash (ROM 6)	K19/AS00000065 ANALOG 256k Flash (ROM 8)	K19/AS00001147 AEGIS 256k Flash	K19/AS00001196 ANALOG 512k Flash	K19/AS00001204 AEGIS 512k Flash	
K19/AS00000114	136-160 MHz / 25 kHz	YES	YES	YES	YES	YES	K19/AS00001014
K19/AS00000122	150-174 MHz / 25 kHz	YES	YES	YES	YES	YES	K19/AS00001220
K19/AS00000123	150-174 MHz / 25 kHz	YES	YES	YES	YES	YES	K19/AS00001220
K19/AS00000131	403-430 MHz / 25 kHz	YES	YES	YES	YES	YES	K19/AS00001030
K19/AS00000149	440-470 MHz / 25 kHz	YES	YES	YES	YES	YES	K19/AS00001048
K19/AS00000156	470-500 MHz / 25 kHz	YES	YES	YES	YES	YES	K19/AS00001055
K19/AS00000164	800 MHz / 25 kHz	YES	YES	YES	YES	YES	N/A
K19/AS00000172	900 MHz / 25 kHz	YES	YES	NO	YES	NO	N/A
K19/AS00001014	136-160 MHz / 25 kHz	NO	YES	YES	YES	YES	N/A
K19/AS00001022	150-174 MHz / 25 kHz	NO	YES	YES	YES	YES	K19/AS00001220
K19/AS00001030	403-430 MHz / 25 kHz	NO	YES	YES	YES	YES	N/A
K19/AS00001048	440-470 MHz / 25 kHz	NO	YES	YES	YES	YES	N/A
K19/AS00001055	470-500 MHz / 25 kHz	NO	YES	YES	YES	YES	N/A
K19/AS00001063	136-160 MHz / 25 kHz	NO	YES	YES	YES	YES	K19/AS00001279
K19/AS00001071	150-174 MHz / 25 kHz	NO	YES	YES	YES	YES	K19/AS00001287
K19/AS00001089	403-430 MHz / 25 kHz	NO	YES	YES	YES	YES	K19/AS00001295
K19/AS00001097	440-470 MHz / 25 kHz	NO	YES	YES	YES	YES	K19/AS00001303
K19/AS00001105	470-500 MHz / 25 kHz	NO	YES	YES	YES	YES	K19/AS00001311
K19/AS00001113	800 MHz / 25 kHz	NO	YES	YES	YES	YES	N/A
K19/AS00001212	136-160 MHz / 12.5 & 25 kHz	NO	NO	NO	YES	YES	CURRENT MODEL
K19/AS00001220	150-174 MHz / 12.5 & 25 kHz	NO	NO	NO	YES	YES	CURRENT MODEL
K19/AS00001238	403-430 MHz / 12.5 & 25 kHz	NO	NO	NO	YES	YES	CURRENT MODEL
K19/AS00001246	440-470 MHz / 12.5 & 25 kHz	NO	NO	NO	YES	YES	CURRENT MODEL
K19/AS00001253	470-500 MHz / 12.5 & 25 kHz	NO	NO	NO	YES	YES	CURRENT MODEL
K19/AS00001261	378-403 MHz / 12.5 & 25 kHz	NO	NO	NO	YES	YES	K19/AS00001329
K19/AS00001279	136-160 MHz / 25 kHz	NO	YES	YES	YES	YES	N/A
K19/AS00001287	150-174 MHz / 25 kHz	NO	YES	YES	YES	YES	K19/AS00001220
K19/AS00001295	403-430 MHz / 12.5 & 25 kHz	NO	NO	NO	YES	YES	CURRENT MODEL
K19/AS00001303	440-470 MHz / 12.5 & 25 kHz	NO	NO	NO	YES	YES	CURRENT MODEL
K19/AS00001311	470-500 MHz / 12.5 & 25 kHz	NO	NO	NO	YES	YES	CURRENT MODEL
K19/AS00001329	378-403 MHz / 12.5 & 25 kHz (100mW)	NO	NO	NO	YES	YES	CURRENT MODEL
Control / Logic Board Supersceded by:		K19/AS00001196 ANALOG 512k Flash	K19/AS00001196 ANALOG 512k Flash	K19/AS00001204 AEGIS 512k Flash	CURRENT MODEL	CURRENT MODEL	