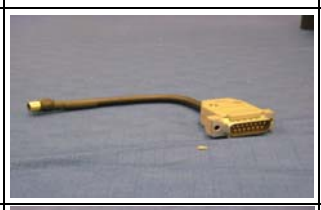
Hi-Pot Testing Information Matrix

Item Number	Product Family Name	Component to be Tested	Connection Points	Adapter cable(s) needed	Tester Settings (100-120V units)	Tester Settings (220-240V and Dual Voltage units) Set bass module input voltage switches to the 220-240V position	Ground Bond Test (100-120V units)	Ground Bond Test (220-240V units)
1	Lifestyle	Bass Module	Two ground connections are necessary for the Hi-Pot tester to work. - There are no special adapter cable needed to test the LifeStyle bass modules. You would use the common cables for return and continuity. - Continuity connects to Right Front. - Return connects to Left Front.		3.54 KVDC / High .5ma / Low 0ma / Ramp 1 Sec. / Dwell 1 Sec. / Continuity ON	4.24 KVDC / High .5ma / Low 0ma / Ramp 1 Sec. / Dwell 1 Sec. / Continuity ON	N/A	N/A
2	321 Series I	Bass Module	Dual voltage units are tested in the 230V position. - Adapter cable needed. Connect to the DB15 connector using an adapter cable, DB15 to RCA. DB15 connector shell is connected to RCA GND. - 15 pin D-Sub connects to the bass module. RCA end connects to the return cable.		1.5K VAC / High .5ma / Low .1ma / Ramp 1 Sec. / Dwell 1 Sec. / 60 hz / Continuity OFF	2.5K VAC / High .5ma / Low .1ma / Ramp 1 Sec. / Dwell 1 Sec. / 60 hz / Continuity OFF	N/A	N/A
3	321 Series II and III	Bass Module	Dual voltage units are tested in the 230V position. - On the UUT, connect to the bass module's DB9 speaker array connector using an adapter cable, DB9 to RCA. DB9 connector shell is connected to RCA GND. - RCA end of adapter cable connects to the common continuity / return cable.		1.5K VAC / High .5ma / Low .1ma / Ramp 1 Sec. / Dwell 1 Sec. / 60 hz / Continuity OFF	2.5K VAC / High .5ma / Low .1ma / Ramp 1 Sec. / Dwell 1 Sec. / 60 hz / Continuity OFF	N/A	N/A
4	Cinemate Series I and II	Bass Module	AC input to ground point on unit. - Connect to the FEMALE DB9 connector using an adapter cable, DB9 to RCA. The DB9 connector shell is connected to RCA GND. - Connect to the MALE DB9 connector using an adapter cable, DB9 to RCA. The DB9 connector shell is connected to RCA GND.		2.5K VAC / High .5ma / Low .1ma / Ramp 1 Sec. / Dwell 1 Sec. / 60 hz / Continuity OFF	2.5K VAC / High .5ma / Low .1ma / Ramp 1 Sec. / Dwell 1 Sec. / 60 hz / Continuity OFF	N/A	N/A
5	BWMS	complete unit	Test points are from AC power input (both line and neutral) to both the headphone and auxiliary connections on the rear of the product. Adapter cables are 1/8" stereo to RCA with only GND's connected.		1.50 K VAC / High .5ma / Low .05 ma / Ramp 1 sec. / Dwell 2 sec. / 60 hz / Continuity ON	2.50 K VAC / High .5ma / Low .05 ma / Ramp 1 sec. / Dwell 2 sec. / 60 hz / Continuity ON	N/A	N/A
6	AWMS	complete unit	Test points are from AC power input (both line and neutral) to both the UUT FM antenna and auxiliary connections on the rear of the product. Adapter cable is 3.5mm mono to RCA cable with GND's only connected.		1.50 KVAC / High .5ma / Low .05 ma / Ramp 1 sec. / Dwell 2 sec. / 60 hz / Continuity ON	2.50 KVAC / High .5ma / Low .05 ma / Ramp 1 sec. / Dwell 2 sec. / 60 hz / Continuity ON	N/A	N/A
7	MDC (Multi-Disk Changer)	complete unit	Two ground connections are necessary for the Hi-Pot tester to work. No special adapter cables needed. - Continuity connects to Aux 1 right - Return connects to Aux 2 right		1.50 KVAC / High .5ma / Low 0 ma / Ramp 1 sec. / Dwell 2 sec. / 60 hz / Continuity ON	2.50 KVAC / High .5ma / Low 0 ma / Ramp 1 sec. / Dwell 2 sec. / 60 hz / Continuity ON	N/A	N/A
8	SoundDock 10	complete unit	Must use test base to make proper contact to UUT chassis. - AC connects to high voltage. - Continuity connects to the update plug. - Return connects to video out and Aux in.		2.12KVDC / High .5ma / Low 0ma / Ramp 1 Sec. / Dwell 1 Sec. / Continuity ON	3.54 KVDC / High .5ma / Low 0ma / Ramp 1 Sec. / Dwell 1 Sec. / Continuity ON	N/A	N/A
9	SA-2 / SA-3	complete unit	Continuity adapter cable connects to product VCA minus. Return adapter cable connects to product Speaker Out L and R minus.C11		1.50 KVAC / High .250ma / Low .1ma / Ramp 1 sec. / Dwell 1 Sec. / 60 hz / Continuity ON	2.50 KVAC / High .50ma / Low .1ma / Ramp 1 sec. / Dwell 1 Sec. / 60 hz / Continuity ON	N/A	N/A
10	L1 Classic and L1 Model I	power stand	AC input to chassis and outputs. - Use 2 RCA to 1/4" mono plug adapters. These would connect to the continuity / return adapter cables that connect to the tester. - Continuity to Amp 1 In - Return to Channel 1 Insert		2.125 KVDC / High .5 ma / Low 0 ma / Ramp 1 Sec. / Dwell 1 Sec. / Continuity ON	3.540 KVDC / High .5 ma / Low 0 ma / Ramp 1 Sec. / Dwell 1 Sec. / Continuity OFF	Ground Continuity test only.	10Amps, ≤ 12VAC open circuit, ≤ 0.1 Ohms
11	L1 Model II	power stand	AC input to chassis and outputs. - Use 2 RCA to 1/4" mono plug adapters. These would connect to the continuity / return adapter cables that connect to the tester. - Continuity to Bass Line Out - Return to Analog Input		2.125 KVDC / High .5 ma / Low 0 ma / Ramp 1 Sec. / Dwell 1 Sec. / Continuity ON	3.540 KVDC / High .5 ma / Low 0 ma / Ramp 1 Sec. / Dwell 1 Sec. / Continuity OFF	Ground Continuity test only.	10Amps, ≤ 12VAC open circuit, ≤ 0.1 Ohms
11	L1 Model 1S	power stand	AC input to chassis and outputs. - Use 1 RCA to 1/4" mono plug adapter. This will connect to the return adapter cable that connects to the tester. - Return to Analog Input		2.125 KVDC / High .5 ma / Low 0 ma / Ramp 1 Sec. / Dwell 1 Sec. / Continuity OFF	3.540 KVDC / High .5 ma / Low 0 ma / Ramp 1 Sec. / Dwell 1 Sec. / Continuity OFF	Ground Continuity test only.	10Amps, ≤ 12VAC open circuit, ≤ 0.1 Ohms
12	L1 Compact	electronics enclosure	AC input to chassis and outputs. - Use 1 RCA to 1/4" mono plug adapter. - Connects to the continuity / return adapter cable that connects to the tester. - Return cable to ¼ Mono input Continuity cable to RCA jack on UUT.		2.125 KVDC / High .5 ma / Low 0 ma / Ramp 1 Sec. / Dwell 1 Sec. / Continuity OFF	3.540 KVDC / High .5 ma / Low 0 ma / Ramp 1 Sec. / Dwell 1 Sec. / Continuity OFF	Ground Continuity test only.	10Amps, ≤ 12VAC open circuit, ≤ 0.1 Ohms
13	DXA-2120 Amplifier	chassis	AC input to chassis and outputs. - There are no special adapter cable needed to test the DXA-2120. You would use the common cables for return and continuity. - Continuity connects to Input 1 Right. - Return connects to Input 4 Left.		2.120 KVDC / High .5 ma / Low 0 ma / Ramp 1 Sec. / Dwell 1 Sec. / Continuity ON	3.540 KVDC / High .5 ma / Low 0 ma / Ramp 1 Sec. / Dwell 1 Sec. / 60 hz / Continuity ON	Ground Continuity test only.	10Amps, ≤ 12VAC open circuit, ≤ 0.1 Ohms
14	FreeSpace 4400 / E4 II	complete unit	AC input to chassis and outputs. - There are no special adapter cable needed to test the FS4400 / E4 II amps. You would use the common cables for return and continuity. - Continuity connects to Line In 2 Left. - Return connects to Line In 2 Right.		2.12KVDC / High .5ma / Low 0ma / Ramp 1 Sec. / Dwell 1 Sec. / Continuity ON	3.54 KVDC / High .5ma / Low 0ma / Ramp 1 Sec. / Dwell 1 Sec. / Continuity ON	Ground Continuity test only.	10Amps, ≤ 12VAC open circuit, ≤ 0.1 Ohms
15	PowerMatch 8500(N) Amplifier	complete unit	Connection to the unit is made through the AC line IEC input connector, and to the UUT chassis on the rear of the chassis at the unpainted corner of the rear rack ear, left unpainted for connectivity. Use an RCA to alligator clip cable. Ensure good contact.		1.50 KVAC / High .5ma / Low .05 ma / Ramp 1 sec. / Dwell 2 sec. / 60 hz / Continuity ON	1.50 KVAC / High .5ma / Low .05 ma / Ramp 1 sec. / Dwell 2 sec. / 60 hz / Continuity ON	10A, <0.1 Ohms from AC earth terminal on IEC connector in chassis, to earth bond point on rear of chassis	10A, <0.1 Ohms from AC earth terminal on IEC connector in chassis, to earth bond point on rear of chassis

	Revision	Date	Reason for revision
RWS	Rev. 00	5/14/2012	Initial release
RWS	Rev. 01	6/12/2012	Changed MDC low current limit to 0 ma.
RWS	Rev. 02	3/22/2013	Added info for L1 Model 1S