



Presonus Eris E3.5 (Gen 1) - Non BT - Electrolytic Capacitor List

Location	Temp	ESR	uF	Voltage	Approx Radius	Notes
C13	105 Deg	STD ESR	10	50	5.3mm	Replaced Rubycon 10k hours at 105 Deg
C17	105 Deg	Low ESR	1000	25	10.2mm	Replaced Panasonic FR Series Ultra Low ESR 10k hours at 105 Deg
C18	105 Deg	Low ESR	1000	25	10.2mm	Replaced Panasonic FR Series Ultra Low ESR 10k hours at 105 Deg
C19	105 Deg	STD ESR	470	25	8.2mm	Replaced Panasonic FR Series Ultra Low ESR 9k hours at 105 Deg 35v
C22	105 Deg	STD ESR	470	25	8.2mm	Replaced Panasonic FR Series Ultra Low ESR 9k hours at 105 Deg 35v
C12	105 Deg	STD ESR	100	400	18.2mm	Bought Japanese United ChemiCon cap from ebay
C70	105 Deg	STD ESR	4.7	100	10.2mm	NON POLAR - Had to settle for the premium house brand Multicomp Pro.
C80	105 Deg	STD ESR	10	16	5.2mm	Upgraded to Panasonic 50v parts that will fit.
C81	105 Deg	STD ESR	10	16	5.2mm	Upgraded to Panasonic 50v parts that will fit.
C74	105 Deg	STD ESR	47	25	5.2mm	Upgraded to Panasonic 50v parts that will fit.



This PDF accompanies the video linked below and is intended as a practical reference while you are watching along. It lists the electrolytic capacitors identified during the repair, including values, voltage ratings, ESR considerations, and physical size notes, so you can source suitable replacements without pausing the video every five minutes and muttering under your breath.

The video itself walks through full disassembly, capacitor replacement, and final testing of the speakers, explaining why these parts commonly fail and what to watch out for during the repair. This sheet exists purely to support that process and save you from scribbling notes on the back of an old envelope.

As ever, double check polarity, take your time, and remember that smoke is not a diagnostic tool.

Watch the full repair video here: <https://youtu.be/BDi2ENf6lk4>