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Author: Greg Radion

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Date: 30 November 2020

This document is intended to show detail of the internal construction of the model 51000-600 and 51000-601 Wireless Smoke, Heat and Carbon Monoxide detectors.



Main enclosure with battery terminals installed



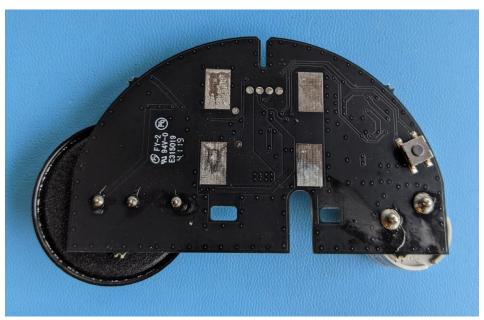
Circuit board PCBAs



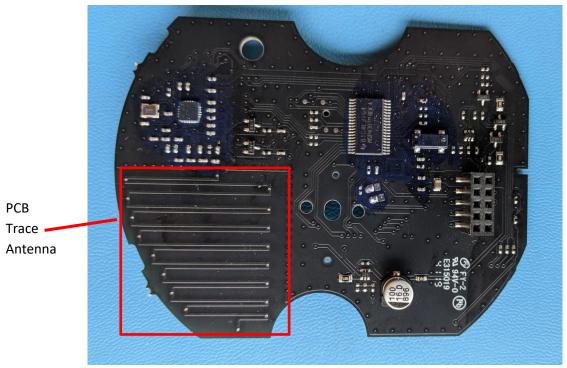
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Lower PCBA underside



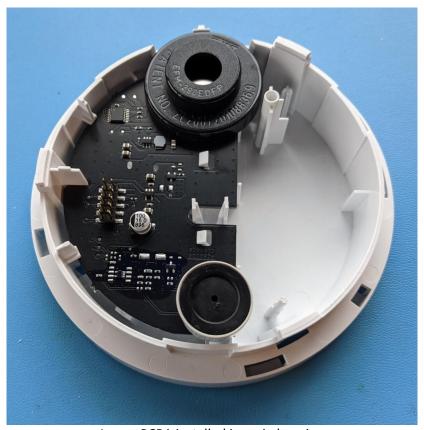
Upper PCBA underside



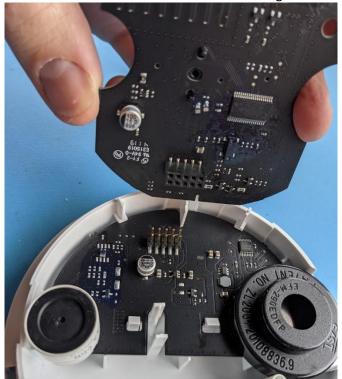
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Lower PCBA installed in main housing



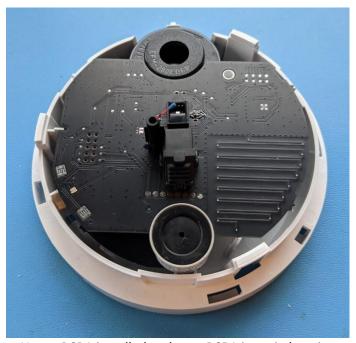
Upper PCBA prior to installation on lower PCBA in main housing



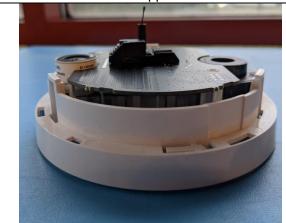
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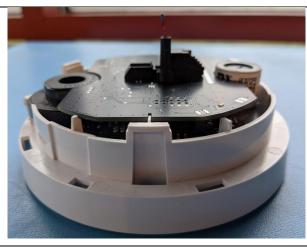
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Upper PCBA installed on lower PCBA in main housing









Additional Views



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Soft plastic buttons and filter mesh



Internal plastic cover with soft plastic buttons and filter mesh

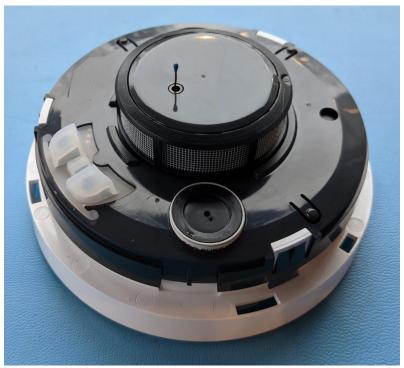


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Internal cover installed over PCBAs on main enclosure soft plastic buttons and filter mesh



Alternate view of internal cover installed over PCBAs on main enclosure soft plastic buttons and filter mesh



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Lid alongside main assembly



Lid assembled to detector



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Assembled detector with mounting base



Complete detector attached to mounting base