

Series Reference

LimeVoice appliances are dimensioned based on the quantity of extensions required. Standard series and redundancy levels are listed in the table below. Additional redundancies may be added if necessary to meet client specific requirements.



SB

- 10-80 Extensions
- Virtually Silent Operation
- Convertible for Wall or Rack
- Very Low Power Consumption

SMB

- 75-180 Extensions
- Redundant Storage
- 1U / Telco Rack Mount able
- Low Power Consumption



SME

- 160-350 Extensions
- Redundant Storage
- Redundant Power
- 1U Rack Mount Design
- Low Power Consumption

ENT

- 300-500 Extensions
- Redundant Storage
- Redundant Power
- Redundant Cooling
- 1U Rack Mount Design



ENT+

- 300-500 Extensions
- Dual Redundant Storage w/ High Capacity
- Redundant Power
- Redundant Cooling
- 2U Rack Mount Design

All LimeVoice appliances are warranted for the life of the LimeBox service contract.

Performance and reliability

LimeVoice Appliances undergo extensive testing to ensure the highest standards of quality assurance for our clients. Power consumption, reliability, and environmental considerations contained within this document reflect the results of this testing.

Power Consumption

All US Spec LimeVoice systems require a 110-120v grounded outlet. A UPS (or uninterruptible power supply) should always be used to avoid unstable power conditions. Power measurements were performed to determine average power and UPS requirements for LimeBox Systems.

Series	Model No.	Power Consumption
SB	ca11gadc	< 25 Watts
SMB	1u21gdcr1	< 40 Watts
SME	1u21gdcr1dp	< 60 Watts
ENT	1u21gqcr1dp	< 80 Watts
ENT+	2u21gqcr10dp	< 90 Watts

Reliability

The Mean Time Between Failures (MTBF) prediction is calculated using component and subassembly random failure rates. The calculation is based on the Bellcore Reliability Prediction Procedure, TR-NWT-000332, Issue 4, September 1991. The MTBF prediction is used to estimate repair rates and spare parts requirements. The MTBF data was calculated from predicted data at 75 Degrees F.

Series	Model No.	MTBF Score
SB	ca11gadc	83,398 hours
SMB	1u21gdcr1	87,561 hours
SME	1u21gdcr1dp	87,561 hours
ENT	1u21gqcr1dp	93,634 hours
ENT+	2u21gqcr10dp	99,235 hours

Environmental Temperature

LimeVoice Appliances require adequate ventilation and cooling to ensure maximum product lifespan. The thermal considerations listed below represent the minimum and maximum temperatures LimeBox Systems should operate within.

Series	Model No.	Working Temperature Range
SB	ca11gadc	32 °F to +90 °F
SMB	1u21gdcr1	32 °F to +90 °F
SME	1u21gdcr1dp	35 °F to +85 °F
ENT	1u21gqcr1dp	35 °F to +85 °F
ENT+	2u21gqcr10dp	35 °F to +85 °F