# Product Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>BRM1M</th>
<th>User-recordable module</th>
<th>Category</th>
<th>Modules for toy and hobby</th>
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</table>

### Feature
- Ideal for plush toy, or any kind of talking toys.
- Message retains when batteries are removed.
- Built-in microphone and LED recording indicator.
- Meets CE standard

### Operation
- **Record**: Slide the switch to the "REC" position. Press and hold the top of the housing. While the LED recording indicator is on, speak into the built-in microphone about 8-10cm away with a normal speaking volume. Release the top to end recording. (Recording will stop automatically when memory is full.)
- **Play**: Slide the switch to the "PLAY" position, and press the top of the housing to play.

### IC Function
- 60 seconds voice recordable

### Trigger
- One shot playing

### Operation Current
- Recording $\leq 20$ mA / Playing $\leq 65$ mA

### Play time
- $\geq 2000$

### Standby Current
- $\leq 3uA$

### Input / Switch
- Push switch, Slide sw ,built-in microphone

### Speaker Size / Type
- 40mm mylar speaker

### Loudness
- $\geq 85$dB at 10cm distance (surrounding at 60dB)

### Operation Voltage
- 4.5V

### Battery Type
- Replaceable AAAX3

### Size / Weight
- Diameter 45mm x 27mm height (battery box not included)

### Material
- ABS

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**Target user age group:** N/A  
**Version:** 01  
**Date:** 4/15/2011  
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