

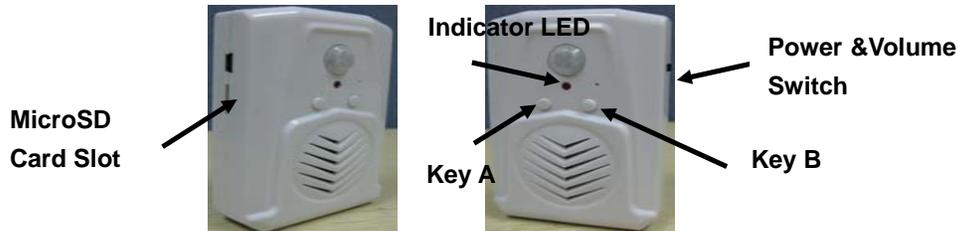
Microspeak PIR Motion Sensor Message Announcer MSA1

User Manual

1. Technical Parameters

| | | |
|--------------------|--------------------------------|-------------------|
| Power Input | DC3V~5V Regulated Power Supply | |
| Working Current | Standby State | ≤245uA |
| | Playing State | ≤250mA (DC4.5V) |
| Audio Format | MP3 | |
| Audio Output Power | 8Ω/0.5W (typical value) | |
| Detection Range | ≤4m (120°angle) | |

2. Function Instruction



| Item | State | Implication/Function |
|-----------------------|-----------------|----------------------------|
| Power & Volume Switch | Low | Power off |
| | Middle | Low volume |
| | High | High volume |
| Indicator LED | Off | Power off or standby state |
| | On | Playing state |
| Key A | Short Press | For Previous |
| | Long Press, LED | Mode Switching/Selection |

| | | |
|--------------------|-------------------------|--|
| | Flashes | |
| Key B | Short Press | For Next |
| | Long Press, LED Flashes | Copy mode |
| Micro SD Card Slot | / | For copying MP3 file to the internal flash |

Note:1. There is a 5-20 seconds initialized time after powering on the device before it can trigger the message replay.

2. The trigger interval time is 3 seconds; the device will not be triggered again until 3 seconds after the last message has played. For delays inbetween message repeats, program a silence period at the end of the message.

3. A & B keys are only valid for Previous or Next when pressed during message replay, not during standby.

3. Load or Update Audio Files

1. Prepare an empty micro SD card and copy the MP3 files to the SD card via a PC or smart phone.
2. Insert the prepared SD card (face up) with MP3 files into the slot of the player until the card locks.
3. Switch on the player, then press and hold key B for approximately 5 seconds until you see the indicator LED flashing, remove your finger and the LED will continue to flash indicating that the SD card is being copied. (The duration of the copying time depends on the size of the MP3 file(s).When the indicator LED stops flashing; it means the MP3 files stored in the SD card are successfully copied to the internal flash memory. Switch off the player and remove the SD card by pressing it to release it. Now the player will work normally with your new MP3 audio files after you re-switch on the player

Note: The size of audio file can not exceed the capacity of the built-in flash which is 2Mb

4. Mode Switching

Press key A for approx 3 seconds during message replay until the indicator LED flashes once, now if several messages are programmed they will play one by one in sequence each time the unit is triggered. To select a single message for playback press key A as above while the message is playing until the indicator LED flashes two times, now the unit will play that message each time it is triggered.