

MeeBaa Mesh Messenger (M3)

User Manual

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MeeBaa User Manual

- FCC Warning
 - This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
 - (1) this device may not cause harmful interference, and
 - (2) this device must accept any interference received, including interference that may cause undesired operations.

Input Keys and Indicators



Basic Functions



- Messages (organized into Groups)
 - Nearby
 - BER
 - Running
 - Walking

MeeBaa is a simple two-way radio, operating on 915MHz band. Data rate is 38.4kbps. It sends out 3 types of messages. (1) Fixed text messages with GPS location, (2) voice messages and (3) vibration sequence code can be sent and received. Current available groups are: Nearby, BER, Running, Walking. In our future upgrades, we maybe able to add more groups.

The 3 types of short messages

- Fixed text message (MeeBaa.Hi – aaaa) + GPS location, aaaa are random characters.
- Recorded voice message of maximum 20 seconds long, by long-pressing the **MeeBaa** key to talk. Once released the voice message will be sent out to the intended group.
- Morse code sequence can be recorded using the Morse key on the side. The sequence once completed can be sent out to the selected group. The receiver device will vibrate in the same exact sequence as it was recorded by the sender.

MeeBaa: send or record voice

- Press once: send a message (text and GPS location)
- Long Press (Push-to-Talk): record voice message and then send once released

Keys and Indicators



Power: power on and off the device

- Power On: press once
- Power Off: long press for about 8 seconds

Morse: Morse code sequence generation key. The usage:

- Long press: represents a long symbol, the press time duration is recorded
- Short press: represents a short symbol, the press time duration is recorded
- Create your message pattern: Such as S.S.L.S.L.L, the sequence of long and short symbols is recorded
- Press the **MeeBaa** key once, the recorded Morse code sequence is then immediately sent out to the group. The receiving device will play the vibration sequence with the exactly press time duration for each symbol.

Input Keys and Indicators



How to Send a Pre-set Message



Select

> Messages

(Screens: Home->Messages)



Down

Nearby

➤ BER

Running

Walking

Down

Nearby

BER

➤ Running

Walking

Down

Nearby

BER

Running

➤ Walking



Select

>Walking

(Screens: Home->Messages->Walking)

MeeBaa

<Walking>

MeeBaa.Hi d1e

(Press MeeBaa to send a location message)

How to Send a Voice Message



Select

> Messages

(Screens: Home->Messages)



Down

Nearby

➤ BER

Running

Walking

Down

Nearby

BER

➤ Running

Walking

Down

Nearby

BER

Running

➤ Walking



Select

>Walking

(Screens: Home->Messages->Walking)

Long-Press-MeeBaa

<Walking>

~~Sound.rec-282~~

(Long-press MeeBaa to record and release to send a new voice message)

How to Send a Morse Code Message



Select

> Messages

(Screens: Home->Messages)



Down

Nearby

➤ BER

Running

Walking

Down

Nearby

BER

➤ Running

Walking

Down

Nearby

BER

Running

➤ Walking



Select

>Walking

(Screens: Home->Messages->Walking)

Long-Press-Morse..Short-Press Morse

Press MeeBaa Once

<Walking>

(Press sequence with Morse key, then press the MeeBaa key once. It will send the same vibration sequence to the group Walking)

How to Check Sent Text and Voice Messages



Select

> Messages

(Screens: Home->Messages)



Down

Nearby
➤ BER
Running
Walking

Down

Nearby
➤ BER
Running
Walking

Down

Nearby
BER
Running
➤ Walking

Select

>Walking

(Screens: Home->Messages->Walking)



Down

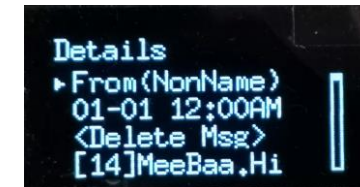
MeeBaa.Hi d1e
➤ MeeBaa.Hi 7c7
Sound.rec-282
+(send preset)

Select

MeeBaa.Hi d1e
>MeeBaa.Hi 7c7

(Press MeeBaa, sends a new location message; Press Select goes to Details)

(Screens: Home->Messages->Walking->Details (MeeBaa.Hi 7c7))



Down

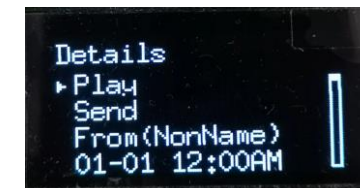
MeeBaa.Hi d1e
MeeBaa.Hi 7c7
➤ Sound.rec-282
+(send preset)

Select

>Sound.rec-282

(Press Select, screen changes goes to Details)

(Screens: Home->Messages->Walking->Details (Sound.rec-282))



How to Play and Resend a Voice Message



Select

> Play – play the voice message

(Screens: Home->Messages->Walking->Details (Sound.rec-282))



Down

Details

- Play
- Send

Select

>Send – send the voice message again

(Screens: Home->Messages->Walking->Details (Sound.rec-282))

How to Go Back to Home Screen



Back

Press Back - will go back up one screen to
(Screens: *Home* <- *Messages* <- *Walking*)



Back

Press Back- will go back up one screen to
(Screens: *Home* <- *Messages*)



Back

Press Back- will go back up one screen to
(Screens: *Home* - "Home" may change to
Device-Name)

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.