

# ifMicrophone

Available since firmware version 7.6

## Implemented By

- roMicrophone

## Supported Methods

- CanRecord() as Boolean
- SetPrompt(prompt as String) as Void
- RecordToFile(wavFilePath as String) as Boolean
- StartRecording() as Boolean
- StopRecording() as Boolean

## Description of Methods

### CanRecord() as Boolean

Returns `true` if the platform and paired remote control can be requested to open the microphone.

### SetPrompt(prompt as String) as Void

Optionally set a short prompt string to be displayed to the user in the system microphone UI.

### RecordToFile(wavFilePath as String) as Boolean

Open the microphone and record to create a `WAV` file at the specified output file path. Only `tmp:/` paths are supported.

Returns `true` if the recording was performed and saved successfully.

### StartRecording() as Boolean

Open the microphone and begin streaming microphone events to the app. The app must have called `SetMessagePort` previously.

Returns `true` if the microphone was opened successfully.

While the microphone is open, `RecordingInfo` events will be sent periodically with audio data. When the microphone is closed, a `RecordingDone` event will be sent. See `roMicrophoneEvent` for detailed information.

### StopRecording() as Boolean

If the microphone was previously opened via `StartRecording()` and the application decides to cancel the current recording prematurely, (e.g. due to duration limit reached or an application error), this function can be called to stop recording and close the microphone.

Returns `true` if the microphone was open and successfully closed by the call.