

VUB-100FM FM Radio Recorder

User's Guide (Rev A)

PACKAGE CONTENTS

- 1 x VUB-100FM Recorder
- 1 x USB1 (USB to USB) Cable
- 1 x USB2 (3.5mm to USB) Cable
- 1 x Antenna
- 1 x User's Manual

HARDWARE PANEL DESCRIPTIONS

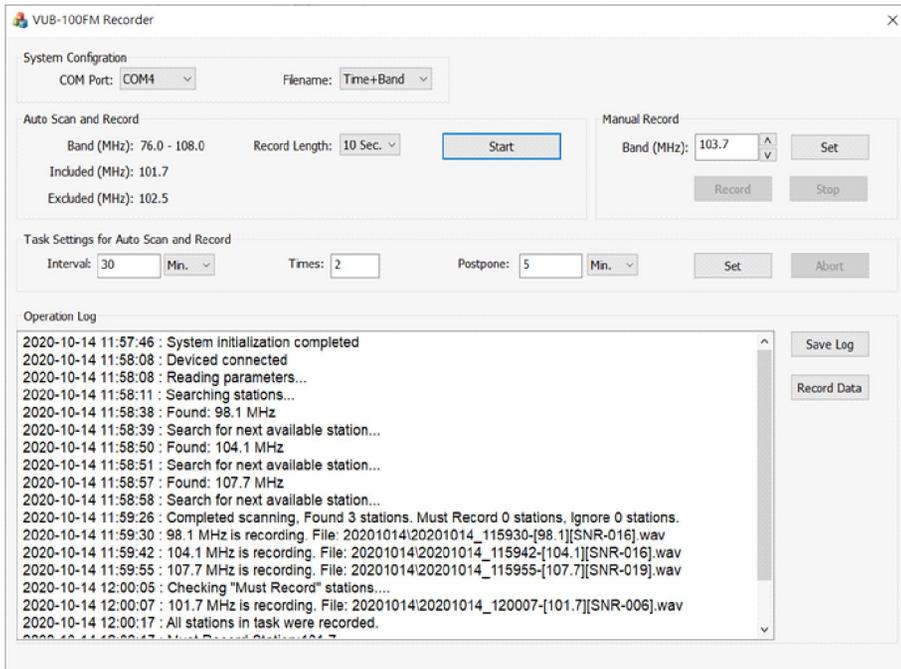
- SPEAKER: ON/OFF switch for the internal monitoring speaker
- ANT: Connection to Antenna
- USB1: Connection to PC via cable USB1
- USB2: Connection to PC via cable USB2
-  : Earphone Jack

SOFTWARE INSTALLATION

Operation system support: Windows 7 and up
No installation needed for Windows 10. For Windows 7 and 8, double-click *Driver_for_win7_8.1.exe* and following the on-screen instructions.

SOFTWARE OPERATION

Double-click *FMScan.exe* to run the software. A screen similar to the following will appear:



System Configuration

COM Port: VUB-100FM's COM port usage

If Windows successfully loaded the VUB-100FM driver, the message "System initialization completed" will be shown in the Operation Log. If Windows could not load the driver then the COM Port setting may be wrong. Check COM port usage in Windows Device Manager. For example, the following shows VUB-100FM using COM4.



To correct the COM Port setting error, close the software first then open *FMScancfg.ini* with a text editor and correct the [COM] number. Save the file and run the software again.

Filename: How the record files will be named. For example, a July 4th 2020 15:07:03 recording of 91.4MHz band is named:

- Time+Band: 20200704_150703-[91.4][SNR-023].wav
- Band+Time: [91.4]-20200704_150703[SNR-023].wav

The system-added SNR (Signal-to-Noise Ratio) number indicates how clear the audio quality is - the higher the clearer.

Auto Scan and Record

Band (MHz): The range of band to scan

Record Length: The record length for each station: 10, 20, 30, 60, 120 seconds

Included (MHz): Stations that must be recorded

Edit FMScancfg.ini and enter station bands under [Fixed], such as:
[Fixed]

101.7

105.7

Excluded (MHz): Stations not to be recorded

Edit FMScancfg.ini and enter station bands under [Filter], such as:
[Filter]

91.4

102.5

Start: Click to start scanning and recording

Manual Record

Band (MHz): Enter the band to record

Set: Apply the band setting and turn on the internal monitoring speaker

Record: Start the manual recording

Stop: Stop the manual recording and turn off the internal monitoring speaker

Task Settings for Auto Scan and Record

Task Interval: The task interval in minutes (minimum 30 minutes)

Times: The number of times to run the task

Postpone: The first task will start after this time (in minutes)

Set: Apply the task settings

Operation Log

The log lists device status, scanning results and recording results. Click Save Log to save the log. Click Record Data to load a previously saved log.