

MangoKit SR20

MangoKit SR20 Smart Internet Radio User Manual

Model: SR20

1. INTRODUCTION

Thank you for choosing the MangoKit SR20 Smart Internet Radio. This manual provides essential information for setting up, operating, and maintaining your device. Please read it thoroughly before use to ensure optimal performance and longevity.

1.1 Package Contents

Verify that all items are present in the package:

- MangoKit SR20 Smart Internet Radio
- User Manual
- Quick Start Guide
- Power Supply
- USB-C Cable

2. PRODUCT OVERVIEW

Familiarize yourself with the main components and controls of your SR20 radio.



Figure 2.1: Front Panel of MangoKit SR20 Smart Internet Radio

This image displays the front of the MangoKit SR20 Smart Internet Radio. It features a central color display, surrounded by control buttons for Menu, Back, Info, Mode, and presets (1, 2, 3+). A large rotary knob with integrated plus/minus buttons is located below the display, flanked by track navigation buttons. The main body of the radio is black with speaker grilles on either side of the central control panel.

2.1 Controls and Display

- **Color Display:** Shows current mode, station information, time, and menu options.
- **MENU Button:** Accesses the main menu.
- **BACK Button:** Returns to the previous screen or menu.
- **INFO Button:** Displays additional information about the current station or track.
- **MODE Button:** Switches between Internet Radio, Podcast, Bluetooth, and FM modes.
- **Rotary Knob:** Navigates menus, adjusts volume, and selects options (press to confirm).
- **+/- Buttons:** Fine-tune volume or navigate specific settings.
- **Preset Buttons (1, 2, 3+):** Long press to save a station, short press to recall.
- **Navigation Buttons (◀◀, ▶▶, ▶||):** For track skipping and play/pause functions in relevant modes.

3. SETUP

3.1 Powering the Device

The SR20 can be powered by mains electricity or batteries for portability.

- **Mains Power:** Connect the provided USB-C cable to the radio's USB-C port and the power supply to a wall outlet.
- **Battery Power:** Insert 4 AA batteries (not included) into the battery compartment on the rear of the radio. Ensure correct polarity.

Note: The radio does not charge rechargeable AA batteries. Use an external charger for rechargeable batteries.

3.2 Initial Setup Wizard

Upon first power-on, the radio will guide you through an initial setup process:

1. **Language Selection:** Use the rotary knob to select your preferred language and press to confirm.
2. **Time/Date Setting:** Set the current time and date. The radio can synchronize this automatically via the internet once connected.
3. **Network Connection:** The radio will scan for available Wi-Fi networks.

3.3 Connecting to Wi-Fi

A stable Wi-Fi connection is essential for Internet Radio and Podcast functions.

1. From the list of available networks, use the rotary knob to select your Wi-Fi network and press to confirm.
2. Enter the Wi-Fi password using the rotary knob to select characters and press to confirm each character.
3. Once the password is entered, select 'OK' or 'Connect'. The radio will attempt to connect to the network.
4. A confirmation message will appear on the display once connected.

4. OPERATING THE RADIO

4.1 Internet Radio

Access thousands of internet radio stations worldwide.

1. Press the **MODE** button until 'Internet Radio' is displayed.
2. Use the rotary knob to browse categories (e.g., Location, Genre, Popular) or search for specific stations.
3. Press the rotary knob to select a station and begin playback.

4.2 Podcast Player

Explore and listen to a wide range of podcasts.

1. Press the **MODE** button until 'Podcast' is displayed.
2. Browse by category, search for specific podcasts, or view popular options.
3. Select a podcast and then choose an episode to play.

4.3 Bluetooth Speaker

Connect your smartphone or other Bluetooth-enabled devices to stream audio.

1. Press the **MODE** button until 'Bluetooth' is displayed. The radio will enter pairing mode.
2. On your external device, enable Bluetooth and search for 'SR20'.
3. Select 'SR20' to pair. Once connected, you can stream audio from your device to the radio.

Note: The SR20 functions as a Bluetooth receiver only and cannot transmit audio to Bluetooth headphones or other speakers.

4.4 FM Radio

Listen to local FM broadcasts.

1. Extend the telescopic antenna for optimal reception.
2. Press the **MODE** button until 'FM Radio' is displayed.
3. Use the rotary knob to manually tune to a frequency or press and hold to auto-scan for stations.

4.5 App Control (OKTIV App)

Control your SR20 radio wirelessly using the OKTIV application on your smartphone.

1. Download the 'OKTIV' app from your device's app store.
2. Ensure your smartphone and the SR20 radio are connected to the same Wi-Fi network.
3. Open the OKTIV app and follow the on-screen instructions to connect to your SR20 radio.
4. Once connected, you can switch sources, browse stations, and control playback from the app.

4.6 Presets

Save your favorite stations for quick access.

- **To Save:** While listening to a station, **long press** one of the preset buttons (1, 2, or 3+). The display will confirm the station has been saved.
- **To Recall:** **Short press** the desired preset button (1, 2, or 3+) to instantly switch to the saved station.

4.7 Dual Alarms and Sleep Timer

Set alarms to wake up or a sleep timer to automatically turn off the radio.

- **Alarms:** Access the alarm settings via the **MENU** button. You can set two independent alarms, choose the alarm source (e.g., a specific radio station), and configure daily, weekday, or weekend activation.

- **Sleep Timer:** Access the sleep timer settings via the **MENU** button. Options include OFF, 15, 30, 45, or 60 minutes. The radio will automatically power off after the selected duration.

4.8 Sound Settings (My EQ)

Customize the audio output to your preference.

- Navigate to 'My EQ' within the **MENU** settings.
- Choose from predefined equalizer presets such as NORMAL, FLAT, JAZZ, ROCK, MOVIE, CLASSIC, POP, or NEWS.

5. MAINTENANCE

5.1 Cleaning

To maintain the appearance and functionality of your radio:

- Ensure the radio is powered off and unplugged before cleaning.
- Use a soft, dry cloth to wipe the exterior surfaces.
- Do not use abrasive cleaners, waxes, or solvents as they may damage the finish.

5.2 Battery Care

If using batteries:

- Remove batteries if the radio will not be used for an extended period to prevent leakage.
- Dispose of used batteries responsibly according to local regulations.

6. TROUBLESHOOTING

If you encounter issues with your SR20 radio, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No power	Power cable not connected; Batteries depleted or incorrectly inserted.	Ensure power cable is securely connected. Check battery orientation and replace if necessary.
No sound	Volume too low; Mute activated; Incorrect source selected.	Increase volume. Check if mute is active. Verify the correct audio source (Internet Radio, Bluetooth, FM) is selected.
Cannot connect to Wi-Fi	Incorrect password; Router too far; Network issues.	Re-enter Wi-Fi password carefully. Move radio closer to router. Restart router.
Bluetooth pairing fails	Radio not in pairing mode; Device too far; Interference.	Ensure radio is in Bluetooth mode. Move devices closer. Disable other Bluetooth devices.
Poor FM reception	Antenna not extended; Location interference.	Fully extend the telescopic antenna. Try repositioning the radio.

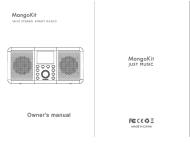
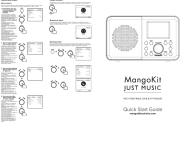
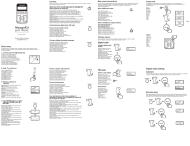
7. SPECIFICATIONS

Feature	Detail
Model Number	SR20
Brand	MangoKit
Product Dimensions	9.3 x 3.6 x 4.4 inches (23.6 x 9.1 x 11.2 cm)
Item Weight	1.9 pounds (0.86 kg)
Connectivity Technology	Bluetooth, Wi-Fi
Tuner Technology	FM & Internet Radio
Radio Bands Supported	3-Band (Internet, FM, Podcast)
Power Source	Mains (USB-C) and Battery Powered (4x AA, not included)
Special Features	Portable Stereo Sound, WIFI Internet Radio/Podcast Player/FM Radio, Bluetooth 5.0, Private EQ Setting, Color Display, Dual Alarms, App Control
Included Components	User Manual, Quick Start Guide, Power Supply, USB-C Cable

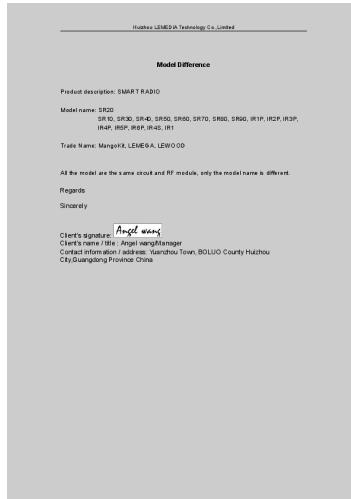
8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or contact MangoKit customer service. Keep your proof of purchase for warranty claims.

Related Documents

	<p>MangoKit SR20 Stereo Smart Radio Owner's Manual</p> <p>This manual provides comprehensive instructions for the MangoKit SR20 Stereo Smart Radio, covering setup, features, operation, troubleshooting, and technical specifications. Learn how to connect to Wi-Fi, stream internet radio, use DAB and FM radio, and utilize Bluetooth connectivity.</p>
	<p>MangoKit MD3 Portable DAB & FM Radio Quick Start Guide</p> <p>A quick start guide for the MangoKit MD3 portable DAB and FM radio, covering setup, controls, and basic functions like setting alarms and timers.</p>
	<p>MangoKit MP1 Sport Radio Quick Start Guide - Portable DAB/FM Radio</p> <p>Concise guide to setting up and using the MangoKit MP1 Sport Radio, a portable DAB and FM digital radio. Learn about controls, connections, radio modes, and presets.</p>
	<p>MangoKit CD-X Portable CD Player User Manual - Features, Operation & Troubleshooting</p> <p>Comprehensive user manual for the MangoKit CD-X Portable CD Player. Learn about its features, basic operations, connectivity options (Bluetooth, AUX), FM radio, programming, troubleshooting, safety instructions, and technical specifications.</p>

Documents - MangoKit – SR20

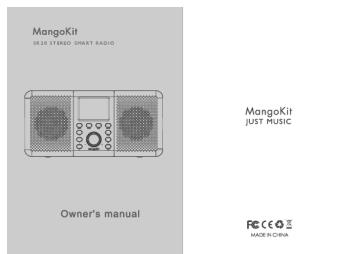


[pdf]

tom FCC Model Difference Huizhou LEMEDIA Technology Co Limited SRX SMART RADIO 2AVFX 2AVFXSRX srx

Huizhou LEMEDIA Technology Co.,Limited Model Difference Product description: SMART RADIO Model name: **SR20** SR10, SR30, SR40, SR50, SR60, SR70, SR80, SR90, IR1P, IR2P, IR3P, IR4P, IR5P, IR6P, IR4S, IR1 Trade Name: MangoKit, LEMEGA, LEWOOD All the model are the same circuit and RF module, only the model name is different.

lang:af score:19 filesize: 55.71 K page_count: 1 document date: 2024-09-23



[MangoKit SR20 Stereo Smart Radio Owner's Manual](#)

This manual provides comprehensive instructions for the MangoKit SR20 Stereo Smart Radio, covering setup, features, operation, troubleshooting, and technical specifications. Learn how to connect to Wi-Fi, stream internet radio, use DAB and FM radio, and utilize Bluetooth connectivity.

lang:tl score:18 filesize: 1.58 M page_count: 12 document date: 2024-06-13



[pdf] Specifications Test Report

Measurement Report Kent Test Huizhou LEMEDIA Technology Co Limited SRX SMART RADIO 2AVFX 2AVFXSRX srx

Project No.: ZKT-240905046E-2 Page 1 of 66 FCC TEST REPORT FCC ID:2AVFX-SRX Report Number.....: MangoKit, LEMEGA, LEWOOD Model/Type reference..... : **SR20** SR10, SR30, SR40, SR50, SR60, SR70, SR80, SR90, IR1P, IR2P, IR3P, IR4P, IR5P, IR6P, IR4S, IR1 R...

lang:en score:12 filesize: 2.74 M page_count: 66 document date: 2024-09-23

Project No.: ZKT-240905046E-1
Page 1 of 66

FCC TEST REPORT FCC ID:2AVFX-SRX	
Report Number.....	ZKT-240905046E-1
Date of Test.....	Sep. 05, 2024 to Sep. 12, 2024
Date of Issue.....	Sep. 12, 2024
Total number of pages.....	66
Test Result.....	PASS
Testing Laboratory.....	Shenzhen ZKT Technology Co., Ltd. 1F, No. 101, Building B, No. 6, Tonghai Community Industrial Avenue, Fushan Town, Bao'an District, Shenzhen, China
Applicant's name.....	Huizhou LEMEDIA Technology Co., Limited
Address.....	Yuanzhui Town, BOULUO County, Huizhou City, Guangdong Province, China
Manufacturer's name.....	Huizhou LEMEDIA Technology Co., Limited
Address.....	Yuanzhui Town, BOULUO County, Huizhou City, Guangdong Province, China
Test specification.....	FCC CFR Title 47 Part 15 Subpart E Section 15.247
Standard.....	ANSI C63.102023
Test procedure.....
Non-standard test method.....	N/A
Test Report Form No.....
Test Report Form(s) Originator.....	ZKT Testing
Master TRP.....	Dated 2024-09-12
This device described above has been tested by ZKT, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample (Master TRP). This report shall not be reproduced except in full without the written approval of ZKT. This document may be checked by ZKT, please contact ZKT for review or file a copy.	
Product name.....	SMART RADIO
Trademark.....	MangoKit, LEMEGA, LEWOOD
Model/Type reference.....	SR20, SR30, SR40, SR50, SR60, SR70, SR80, SR90, IR1P, IR2P, IR3P, IR4P, IR5P, IR6P, IR4S, IR1R...
Rating.....	Input 9V~24V DC for AC/DC Adapter or DC 5V for Battery/USB

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[pdf] Specifications Test Report

55013 Jade Test Report Huizhou LEMEDIA Technology Co Limited SRX SMART RADIO 2AVFX-

2AVFXSRX srx

Project No.: ZKT-240905046E-1 Page 1 of 66 FCC TEST REPORT FCC ID:2AVFX-SRX Report Number.....: MangoKit, LEMEGA, LEWOOD

Model/Type reference.....: **SR20** SR10, SR30, SR40, SR50, SR60,

SR70, SR80, SR90, IR1P, IR2P, IR3P, IR4P, IR5P, IR6P, IR4S, IR1R...

lang:en score:12 filesize: 5.57 M page_count: 66 document date: 2024-09-23

Project No.: ZKT-240905046E-3
Page 1 of 78

FCC TEST REPORT FCC ID:2AVFX-SRX	
Report Number.....	ZKT-240905046E-3
Date of Test.....	Sep. 05, 2024 to Sep. 13, 2024
Date of Issue.....	Sep. 13, 2024
Total number of pages.....	78
Test Result.....	PASS
Testing Laboratory.....	Shenzhen ZKT Technology Co., Ltd. 1F, No. 101, Building B, No. 6, Tonghai Community Industrial Avenue, Fushan Town, Bao'an District, Shenzhen, China
Applicant's name.....	Huizhou LEMEDIA Technology Co., Limited
Address.....	Yuanzhui Town, BOULUO County, Huizhou City, Guangdong Province, China
Manufacturer's name.....	Huizhou LEMEDIA Technology Co., Limited
Address.....	Yuanzhui Town, BOULUO County, Huizhou City, Guangdong Province, China
Test specification.....	FCC CFR Title 47 Part 15 Subpart E Section 15.407
Standard.....	ANSI C63.102023 (ZKT-240905046E-2)
Test procedure.....
Non-standard test method.....	N/A
Test Report Form No.....
Test Report Form(s) Originator.....	ZKT Testing
Master TRP.....	Dated 2024-09-13
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