

Mi Ko Mi Ka JN-821T2

Mi Ko Mi Ka DVB-T2 Digital Terrestrial Receiver Instruction Manual

MODEL: JN-821T2

1. Introduction

Thank you for purchasing the Mi Ko Mi Ka DVB-T2 Digital Terrestrial Receiver. This device allows you to receive high-definition digital television broadcasts and offers a range of multimedia functions. Please read this manual carefully before operating the device to ensure proper use and to maximize its performance and lifespan.

2. Product Overview

2.1 Package Contents

- DVB-T2 Digital Terrestrial Receiver (JN-821T2)
- Remote Control
- User Manual

2.2 Front Panel Overview

CONNECTIONS ON THE BACK



① RF IN: signal input cable DVB-T2

② RF LOOP THROUGH- signal output cable of DVB-T2

③ COAXIAL: digital audio connection

④ HD OUT

⑤ SCART connection

⑥ Connection for external power supply

This image displays the front and side panels of the receiver, highlighting key controls and indicators.

1. **POWER:** Button to turn the device on or off.
2. **MENU:** Accesses the main menu for settings and functions.
3. **USB:** Port for connecting USB storage devices (e.g., flash drives, external HDDs) or a USB Wi-Fi antenna.
4. **LED Display:** Shows the current time or channel number.
5. **CH-/CH+:** Buttons to scroll through the channel list.
6. **V-/V+:** Buttons to adjust the volume.
7. **OK:** Confirms selections or displays channel information.

2.3 Rear Panel Connections

TERRESTRIAL RECEIVER

DVB-T2 (H.265)



FULL HD

USB

PVR

H.265

This image illustrates the various input and output ports located on the rear of the receiver.

1. **RF IN:** Signal input for the DVB-T2 antenna cable.
2. **RF LOOP THROUGH:** Signal output to loop the antenna signal to another TV or receiver.
3. **COAXIAL:** Digital audio connection for high-quality sound output.
4. **HD OUT:** HDMI output for connecting to an HD television or monitor.
5. **SCART:** SCART connection for older televisions.
6. **Power Supply:** Connection for the external power cable.

2.4 Remote Control



The remote control provides full functionality for navigating menus, changing channels, adjusting volume, and accessing multimedia features. Key buttons include Power, Mute, EPG (Electronic Program Guide), Menu, OK, Channel Up/Down, Volume Up/Down, and numeric keys for direct channel input.

3. Setup

3.1 Connecting the Receiver

1. Connect your terrestrial antenna cable to the **RF IN** port on the rear of the receiver.
2. Connect the receiver to your TV using an HDMI cable (recommended for HD quality) or a SCART cable.
3. Plug the power cable into the receiver's power input and then into a wall outlet.
4. Turn on your TV and select the correct input source (HDMI or SCART) that corresponds to the receiver's connection.

3.2 First Time Installation

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

1. **Language Selection:** Use the remote control's arrow keys to select your preferred language and press **OK**.
2. **Country Selection:** Choose your country from the list. This helps in setting up the correct channel frequencies.

3. **Channel Scan:** Select 'Auto Scan' or 'Automatic Search' to allow the receiver to automatically find and store all available digital channels. This process may take several minutes.
4. Once the scan is complete, the receiver will display the first channel found.

4. Operating Instructions

4.1 Basic Channel Operations

- **Changing Channels:** Use the **CH+/CH-** buttons on the remote or front panel, or enter the channel number directly using the numeric keys.
- **Volume Control:** Use the **V+/V-** buttons to adjust the audio volume.
- **Mute:** Press the **MUTE** button to temporarily silence the audio.
- **EPG (Electronic Program Guide):** Press the **EPG** button to view program schedules for upcoming broadcasts.
- **Information:** Press the **INFO** button to display current channel information (program title, time, etc.).

4.2 Media Playback (USB)



SCHEDULE, RECORD, AND WATCH LATER

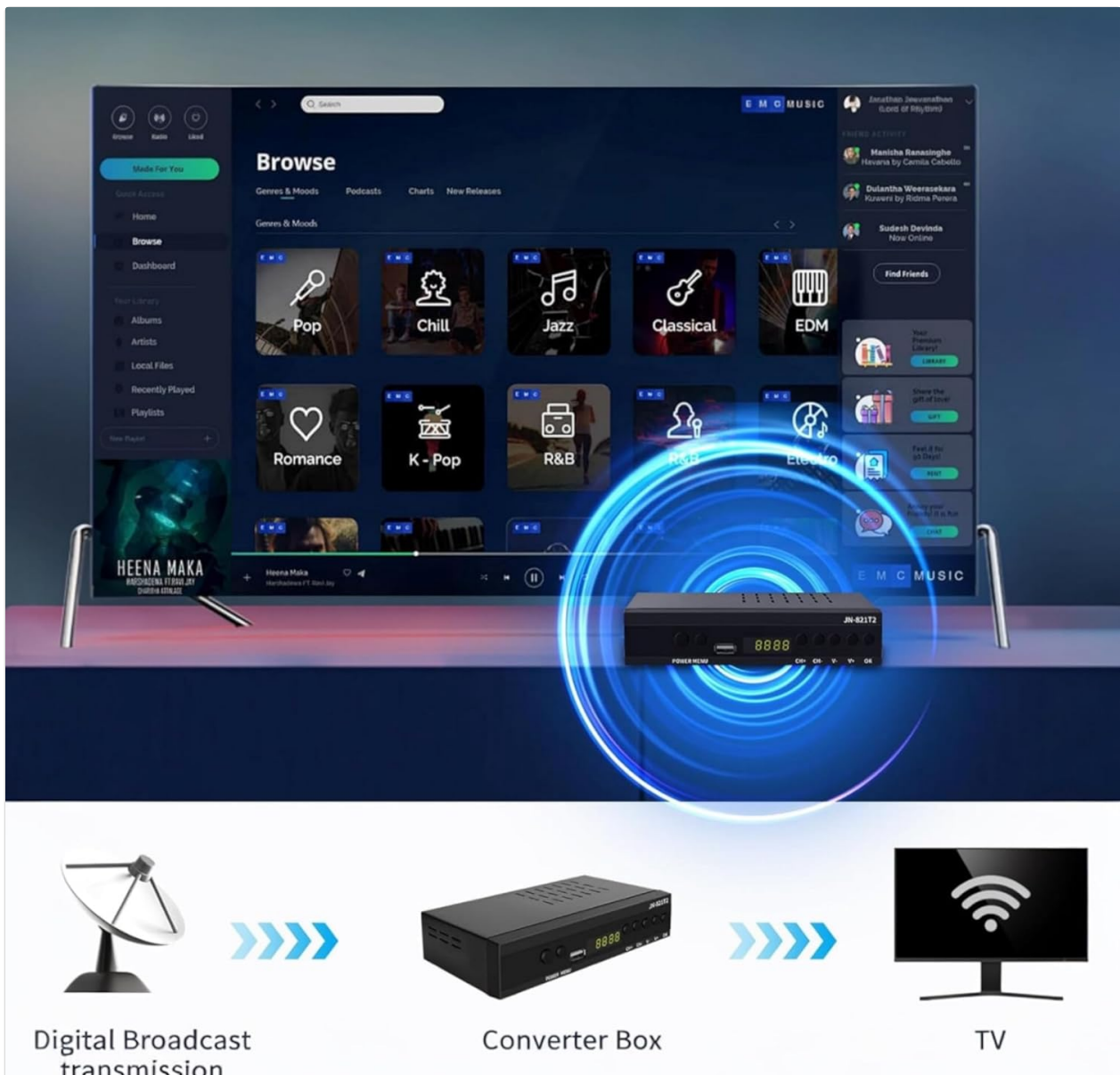


This image illustrates the connection flow from digital broadcast to your TV via the converter box, and also shows an example of the music playback interface.

The receiver supports playback of various multimedia files (video, music, photos) from a connected USB storage device.

1. Insert your USB flash drive or external HDD into the **USB** port on the front panel.
2. Press the **MENU** button on the remote.
3. Navigate to the 'Multimedia' or 'USB' section.
4. Select the type of media you wish to play (e.g., 'Movie', 'Music', 'Photo').
5. Browse your files and press **OK** to start playback. Supported formats include AVI, MKV for video; MP3 for music; JPEG, BMP for images.

4.3 PVR Function (Recording)



This image highlights the receiver's role as a terrestrial receiver, enabling families to enjoy digital TV broadcasts.

The PVR (Personal Video Recorder) function allows you to record live TV programs to a connected USB storage device.

1. Ensure a USB storage device with sufficient free space is connected.
2. To record instantly, press the **REC** button on the remote while watching a program. Press **REC** again to stop.
3. To schedule a recording, go to the **EPG**, select the desired program, and press the 'Record' or 'Timer'

option (refer to on-screen prompts).

4. Recorded programs can be accessed via the 'PVR' or 'Recordings' section in the main menu.

5. Maintenance

5.1 Care and Cleaning

- Always disconnect the power cable before cleaning.
- Use a soft, dry cloth to clean the exterior of the receiver.
- Do not use liquid cleaners, aerosols, or abrasive cleaning agents, as they may damage the surface or internal components.
- Keep the ventilation openings clear to prevent overheating.

5.2 Software Updates

Periodically check the manufacturer's website for any available software updates. Updates can improve performance, add new features, or fix bugs. Follow the instructions provided with the update file carefully.

6. Troubleshooting

If you encounter issues with your receiver, please refer to the following table for common problems and their solutions.

Problem	Possible Cause	Solution
No picture or sound	Incorrect TV input source selected. Loose cable connections. Receiver not powered on.	Select the correct HDMI/SCART input on your TV. Check all cable connections (antenna, HDMI/SCART, power). Ensure the receiver is powered on (LED display should be active).
No channels found during scan	Antenna not connected or faulty. Weak signal. Incorrect country selected.	Check antenna connection and ensure it is properly positioned. Try repositioning the antenna or using a signal amplifier. Perform a factory reset and re-scan, ensuring the correct country is selected.
Remote control not working	Batteries are dead or inserted incorrectly. Obstruction between remote and receiver.	Replace batteries with new ones, ensuring correct polarity. Remove any objects blocking the line of sight to the receiver's IR sensor.
USB playback issues	Unsupported file format. USB device not recognized.	Ensure the file format is supported (AVI, MKV, MP3, JPEG, BMP). Try re-inserting the USB device. Ensure the USB device is formatted to FAT32 or NTFS.

7. Specifications

Feature	Description
Model	JN-821T2
Compatibility	DVB-T2 HEVC (H.265), DVB-T, MPEG-4, MPEG-2
Video Encoding	HEVC
Audio Output Mode	Surround (Dolby Surround)
Surround Sound Channel Configuration	5.1
Output Power	5 Watts
Connectivity Technology	USB, Coaxial
Compatible Devices	Speaker, Smartphone, Tablet, Personal Computer, USB Memory, External Hard Drive
Included Components	Remote Control

8. Warranty and Support

This product comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact your retailer. For technical support or further assistance, please reach out to the customer service provided by your point of purchase.