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› [Camii](#) /

› SI4732 ATS-25MAX-Decoder Radio Receiver User Manual

Camii ATS-25MAX-Decoder

SI4732 ATS-25MAX-Decoder Radio Receiver User Manual

Model: ATS-25MAX-Decoder | Brand: Camii

INTRODUCTION

This manual provides detailed instructions for the operation, maintenance, and troubleshooting of your Camii SI4732 ATS-25MAX-Decoder Radio Receiver. Please read this manual thoroughly before using the device to ensure proper function and longevity.

PRODUCT OVERVIEW

The ATS-25MAX-Decoder is a versatile radio receiver featuring a 2.4-inch color touch screen, a built-in 4000mAh lithium battery, and support for various radio bands including FM, LW, MW, SW, and SSB. It includes advanced functions such as CW, WiFi, and RTty decoding.



Figure 1: Front view of the ATS-25MAX-Decoder Radio Receiver with its telescopic and WiFi antennas.

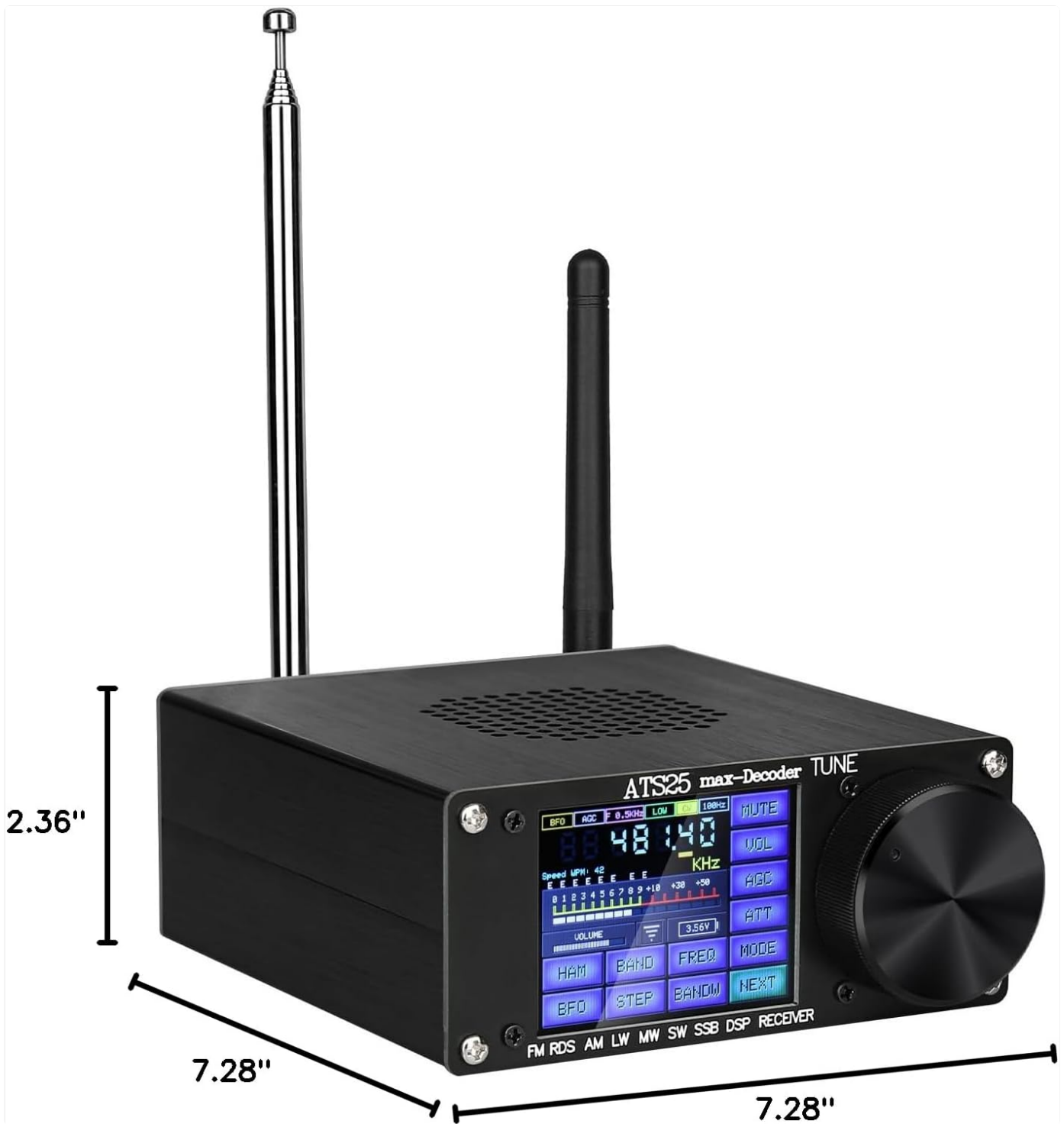


Figure 2: Dimensions of the ATS-25MAX-Decoder Radio Receiver, showing its compact size.

PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged:

- 1 x ATS-25MAX-Decoder Radio Receiver
- 1 x USB Type-C Charging Cable
- 1 x WiFi Antenna
- 1 x Pull Rod Antenna (Telescopic Antenna)
- 1 x Touchscreen Pen
- 1 x User Manual (this document)
- Corner Pads (for protection)

YOU WILL GET



Figure 3: All items included in the ATS-25MAX-Decoder product package.

SETUP

1. Initial Charging

Before first use, fully charge the built-in 4000mAh lithium battery. Connect the provided USB Type-C cable to the receiver's charging port and a compatible USB power adapter (not included). The charging indicator will show progress.

2. Antenna Installation

- **Telescopic Antenna:** Screw the pull rod antenna into the BNC interface on the top of the receiver for general radio reception. Extend it fully for optimal performance.
- **WiFi Antenna:** Screw the smaller WiFi antenna into its designated port for WiFi functionality.

3. Powering On/Off

Press and hold the power button (location typically on the side or top) for a few seconds to turn the device on or off. The 2.4-inch touch screen will illuminate upon startup.

1. Touch Screen Operation

The ATS-25MAX-Decoder features a 2.4-inch color touch screen for intuitive navigation. Use the included touchscreen pen or your finger to interact with menus and settings.

2.4 Inches Color Touch Screen

Use the touchscreen pen to operate directly on interface menu, making it convenient and fast


4000mAh



Figure 4: Demonstrating the use of the touchscreen pen for direct operation on the interface menu.

2. Band Selection and Tuning

The receiver supports a wide range of frequencies across multiple bands:

- **FM:** 64-108MHz (with RDS Function)
- **LW:** 153-500KHz
- **MW:** 520-1710KHz
- **SW:** 1730-30000KHz
- **SSB:** 1730-30000KHz

Use the tuning knob and on-screen controls to select the desired band and frequency. The radio search function allows for broadcast search and direct frequency input via the numeric keyboard. A HAM band shortcut channel is also available.

ALL BAND RADIO RECEIVER



The image shows a black ATS25 max-Decoder radio receiver in the foreground. The device has a digital display showing '6:54', '10 JUL 2023', and '90.50 MHz'. Below the display is a volume slider and several control buttons labeled 'HAM', 'BAND', 'FREQ', 'MODE', 'BFO', 'STEP', 'BANDW', and 'NEXT'. The background features several large white satellite dishes against a clear blue sky.

- FM: 64-108MHZ/RDS Function
- LW: 153-500KHZ
- MW: 520-1710KHZ
- SW: 1730-30000KHZ
- SSB: 1730-30000KHZ

Figure 5: The ATS-25MAX-Decoder is an all-band radio receiver, capable of tuning into FM, LW, MW, SW, and SSB frequencies.

3. Advanced Functions (4.17 Version)

The 4.17 version of the ATS-25MAX-Decoder includes several upgraded features:

- **CW Mode Enhancements:** Adds DIGI, CWR, SYNC L, and SYNC U modes.
- **WiFi Function:** Connects directly to a network for time synchronization and future software upgrades without requiring an external app. Access WiFi settings via the setup menu.
- **RTty Decoding:** Enables decoding of RTty signals.
- **Four Audio Spectrum:** Provides visual representation of audio signals.

Upgraded 4.17 Version



Decoder Function

WiFi Function

Figure 6: User interface for Decoder Function and WiFi Function settings, demonstrating the upgraded capabilities of the 4.17 version.

Four New CW Modes

ATS25 max-Decoder



ATS25 Series



- | | |
|----------|-------|
| ✓ DIGI | ✓ LSB |
| ✓ CWR | ✓ USB |
| ✓ SYNCL | ✓ AM |
| ✓ SYNC U | ✓ CW |

- | |
|-------|
| ✓ LSB |
| ✓ USB |
| ✓ AM |
| ✓ CW |

Figure 7: Comparison highlighting the four new CW modes (DIGI, CWR, SYNC L, SYNC U) available on the ATS-25MAX-Decoder compared to the standard ATS25 Series.

4. Audio Output

The device features a 3.5mm stereo audio output for connecting headphones or external speakers. It also supports a 3.5mm audio jack for an FM antenna, which can improve FM reception.

MAINTENANCE

1. Cleaning

Wipe the exterior of the receiver with a soft, dry cloth. For stubborn marks, a slightly damp cloth can be used, but ensure no moisture enters the device. Do not use abrasive cleaners or solvents.

2. Battery Care

To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, especially if it will be stored for an extended period.

3. Storage

Store the receiver in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. When not in use, retract the telescopic antenna to prevent damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Battery is depleted.	Charge the device using the provided USB Type-C cable.
Poor reception	Antenna not extended or poor signal area.	Fully extend the telescopic antenna. Try moving to an open area or near a window. Consider an external antenna for better reception.
Touch screen unresponsive	Temporary software glitch or screen protector interference.	Restart the device. Ensure the screen is clean and free of debris. Use the touchscreen pen for precise input.
WiFi connection issues	Incorrect WiFi settings or weak signal.	Verify WiFi password and network selection. Ensure the WiFi antenna is properly installed. Move closer to the WiFi router.

SPECIFICATIONS

Feature	Detail
Model	ATS-25MAX-Decoder
Shell Material	Aluminum Alloy
Screen	2.4-inch Color Touch Screen
Output Audio Power	1.5W
Built-in Battery	3.7V/4000mAh Lithium Battery
Antenna Interface	BNC
Audio Output	3.5mm Stereo Audio Output
FM Antenna Support	3.5mm Audio Jack
Charging Interface	TYPE-C (Max 1.5A Charging Current)
Product Dimensions	7.28 x 7.28 x 2.36 inches (L x W x H)
Item Weight	1 pound
Supported Bands	FM, LW, MW, SW, SSB
AM Bandwidth	1-6K
SSB Bandwidth	0.5-4.0K
Special Features	CW, WiFi, RTty Decoding, Four Audio Spectrum

WARRANTY AND SUPPORT

Camii provides customer support for this product. For any questions or issues, please contact Camii-Direct, the seller, through the Amazon platform or refer to the contact information provided with your purchase. Please retain your proof of purchase for warranty claims.

While specific warranty terms are not detailed in this manual, standard manufacturer warranties typically cover defects in materials and workmanship for a limited period from the date of purchase. Damage caused by misuse, accidents, unauthorized modifications, or improper maintenance is generally not covered.

For additional support and resources, you may visit the official Camii website or consult online communities dedicated to radio enthusiasts for tips and advanced usage.



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This manual is for informational purposes only. Specifications are subject to change without notice.