

Multifunctional Video Radio

User Manual

Model: F50



INSTRUCTIONS FOR USE AND CARE

Dear Customer,

Thank you for purchasing this product. We kindly ask you to read and save this instruction manual for future reference. Please read all the instructions before using this speaker.

Charging: Insert the small connector of the USB charging cable provided into the DC 5V (Type-C) port on the unit. Plug the standard USB connector into a compatible USB power source, such as a USB charger, PC, or Mac. While charging, the battery icon on the LED display will blink. Once charging is complete, the icon will remain steadily illuminated.

Battery: This model uses 3 18650 lithium batteries (included). When installing the battery, ensure it is oriented correctly. For replacements, it is recommended to use batteries of the same type and model, as mismatched batteries may shorten the radio's lifespan. If the unit is not used for an extended period, remove the batteries and store it safely.

Precaution: This device uses DC 5V/1A equipment to charge. Use the charging cable supplied or equivalent. Avoid using mobile phone fast chargers. This device does not have fast charging support. After charging is completed, disconnect the charger. Overcharging will reduce the battery life.

Safety Information

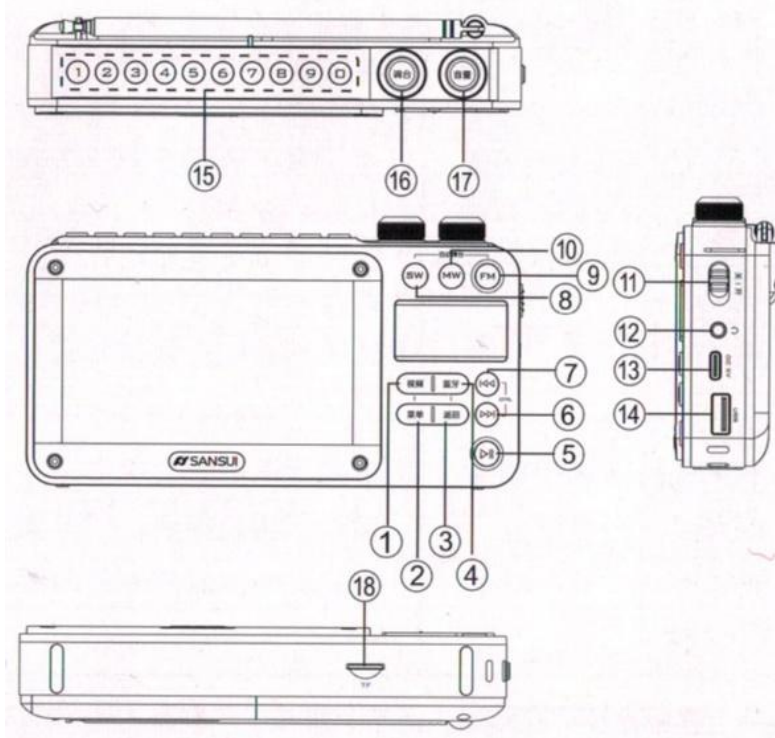
Please read this manual carefully before using this device. Pay attention to the safety of use, correct operation, avoid personal hazards, to reduce unnecessary loss of property.

1. Please use the product in an environment with a temperature between 0°C and 40°C. High temperatures (above 40°C) may cause the battery to catch fire or even explode; Low temperatures (below -10°C) will damage the battery.
2. The battery of this product is an external type, and it is strictly prohibited to disassemble the product and the battery.
3. Do not charge near flammable and combustible objects (such as carpets and wood products), please always pay attention to the charging process and beware of accidents.
4. Pay attention to ventilation and ambient temperature when charging. If the charging temperature is higher than 40°C or lower than 5°C, it may cause the battery to leak, overheat, or be damaged.
5. Before each use of the charger, please check the appearance and cable of the charger for any damage. Do not use damaged charging cables, and do not use alcohol or other products with combustible liquid to clean the charging cable.

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When charging is complete or not in use, please disconnect the charger from the power supply.

6. Do not store in a place close to a heat source (stove or heater) or in a hot place or inside the car in the daytime.
7. Please store in a dry environment, and do not store in an environment exceeding 40°C.
8. Do not store the radio for a long time after it is completely charged. The battery is damaged due to the over-discharge state and cannot be repaired.
9. This product is a high-precision control device. Falls of collision with external objects may cause the product to fail.
10. This product is not waterproof. Do not come into contact with any liquid or use liquid cleaners. It is recommended to use a soft, dry cloth to clean the device
11. Please pay attention to dust and sand during use.
12. If there is smoke or burnt smell when the machine is charging, please act quickly to cut off the charging power supply, and stop using the device. Contact the merchant or factory, Report for repair.
13. If there is water in the machine, please do not turn it on again and contact the merchant or factory for repair. Unauthorized use or charging creates a fire hazard.
14. If there is a foreign body noise inside the machine, please suspend subsequent use and contact the merchant or factory for repair; do not disassemble, otherwise there is a danger to the internal components.



Product Overview (refer to diagram preceding)

1. **Video Button:** Press briefly to switch to activate the video display. In Video mode, short press to turn the LCD display on or off.
2. **Menu Button:** When the video display is active, press briefly to view file information, edit settings, select play mode, etc.
3. **Return Button:** Press briefly to return from the current page to the previous page.
4. **BT (Bluetooth) Button:** Press briefly to switch to Bluetooth speaker mode.
5. **Play/Pause Button:** During music playback, press briefly to play or pause. When the display is active, this button selects the currently highlighted file or function. In radio mode, the sound is muted.
6. **Next Track Button:** In Video and Music modes, press briefly to go to the next track. Hold to fast forward and press briefly again to stop fast forwarding. In Radio mode, press briefly to move to the next station.
7. **Previous Track Button:** In Video and Music modes, press briefly to return to the previous track. Hold to rewind and press briefly again to stop rewinding. In Radio mode, press briefly to go to the previous station.

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8. **SW Button:** Press briefly to enter Shortwave (SW) mode. Hold to start an automatic search for SW stations.
9. **FM Button:** Press briefly to enter FM mode. Hold to start an automatic search for FM stations.
10. **MW Button:** Press briefly to enter Medium Wave (MW) mode. Hold to start an automatic search for MW stations.
11. **Power On/Off Switch:** Turns the device on (down) or off (up).
12. **Earphone Jack:** Connect headphones for private listening.
13. **DC 5V Charging Port:** For charging the device using a USB-C cable.
14. **USB Port:** Allows the device to read files from a USB flash drive, including music, videos, e-book and images.
15. **1-9, 0 Number Keys:** Use these keys to select music tracks by entering track numbers. In Radio mode, use them to enter frequencies or stored preset channel locations.
16. **Tuning Button:** Turn to select FM/SW/MW radio stations.
17. **Volume Button:** Adjust the audio volume.
18. **TF (Micro SD) Slot:** Enables playback of music, audio, e-books, images, and other files from a TF/Micro SD card.

Main Functions:

- Bluetooth
- FM/SW/MW Radio
- Video play
- Lyrics display
- E-book display
- Image display
- USB flash drive input
- TF (Micro SD) input
- Earphone jack

Bluetooth Connection

Push the Power ON/OFF switch downward to the ON position to power on the unit.

“bLUE” will blink on the LED display screen. Search for “SANSUI F50” on your phone or other external Bluetooth device and select to pair it once found.

FM/SW/MW Radio

Power on the unit and press the FM (SW/MW) button to enter FM (SW/MW) mode.

Turn the Tuning Knob or use the Number keys to select different stations. Alternatively, you can press and hold the FM (SW/MW) button for a few seconds. The unit will then automatically search for and store all available stations (up to a maximum of 99 stations per band), playing the first stored station once the process is complete.

Enter 1 or 2 digits with the numbers keys to select a stored station location. Enter 3 or 4 digits to enter a frequency. In SW mode, the radio will assume the final two digits are to the right of the decimal point of a frequency in MHz. For example, if you enter “1500”, the radio will assume 15.00 MHz.

For FM and SW, extend the telescopic antenna and orient the device for best reception. Clip on an extra length of wire to the antenna to increase the number of SW stations that can be received.

The MW antenna is internal to the radio. Point the radio towards the station for strongest reception. Experiment by rotating the radio to get the strongest signal and reduce noise.

Modern home environments contain high levels of electromagnetic interference, so for best reception, particularly on MW and shortwave, experiment to find locations with less noise, including outdoor locations such as a park.

Video Play



Power on the unit. Briefly press the Video button to activate the LCD screen. Insert a USB flash drive or Micro SD (TF) card with pre-stored video files into the appropriate slot.

Short press the **▶▶▶** or **◀◀◀** Button to select the “VIDEO” icon shown on the screen, and short press **▶||** Button to select Video play mode.

Use the **▶▶▶** and **◀◀◀** Buttons to scroll through the video files and use the **▶||** button to select the file and begin playing the video.

During Video play, long press the **▶▶▶** or **◀◀◀** Buttons to fast forward or rewind, then short press the **▶▶▶**, **◀◀◀** or **▶||** Button again to exit, fast forward or rewind.

Press the MENU button for further options:

- Playback Mode
 - o Sequence
 - o Repeat One
 - o Repeat All
 - o Shuffle
 - o Shuffle + Repeat
- Screen Size (Full Screen, Original Size, Scale)
- Delete
- Track
- Subtitle
 - o Off
 - o Plug-in subtitles
- Information: (File Name, Resolution, Frame Rate, Bit Rate, Total Time, File Size)

Tips: Supports full-format 720P high-definition video playback, including RM, H.264, Xvid, and Mpeg2, with a maximum resolution of 1080P. Supports H.264 HP high-bitrate decoding for formats such as RM, AVI, MKV, VOB, MOV, FLV, ASF, DAT, MP4, 3GP, MPG, MPEG, and more.

Music Play



Power on the unit. Briefly press the Video button, which activates the LCD screen. Insert a USB flash drive or Micro SD (TF) card with pre-stored music files into the appropriate slot.

Short press the **▶▶** or **◀◀** Button to select the “MUSIC” icon shown on the screen.

Short press the **▶||** Button to start music play of content stored on the USB/TF card.

During Music play, long press the **▶▶** or **◀◀** Button to fast forward or rewind, then short press the **▶▶**, **◀◀** or **▶||** Button again to exit fast forward or rewind.

Equalizer

The Music play function supports a graphic equalizer selection. When Music play is active, press the Menu button to display the equalizer options:

- Normal
- Pop
- Classical
- Soft
- Jazz
- Rock
- DBB (Dynamic Bass Boost)

Also available on the menu is a repeat setting: Sequence, Repeat Once, Shuffle, Shuffle + Repeat and Intro.

Tips

The F-50 supports MP3, WAV, OGG, APE, and FLAC formats for music playback. To support lyrics display it is necessary to download an “LRC” lyric file.



Display E-books

Power on the unit. Briefly press the Video button, which activates the LCD screen. Insert a USB flash drive or Micro SD (TF) card with pre-stored TXT format e-books into the appropriate slot. Also supported are JPG, JPEG, GIF, BMP and PNG image formats.

Short press ►► or ◀◀ Button to select the “E-BOOKS” icon shown on the menu and press the ►|| button to select.

Use the ►► or ◀◀ button to scroll through the files, and short press the ►|| Button to start display of the selected content.

Short press the ►► or ◀◀ Button for page turning.

Short press the ►|| Button to enter automatic flipping reading.

Use the Menu Button to set up the automatic reading interval, quickly turn pages, switch fonts and change backgrounds.

Image Display



Power on the unit. Briefly press the Video button, which activates the LCD screen. Insert a USB flash drive or Micro SD (TF) card with pre-stored image files into the appropriate slot.

Short press the **▶▶** or **◀◀** Button to select the “Images” icon shown on the screen and short press the **▶||** Button to start displaying images stored on the USB/TF card.

Short press the **▶▶** or **◀◀** Button to advance to the next image.

Short press the **▶||** Button to enter automatic image advance (PPT mode).

Use the Menu Button to set up the PPT playing interval, enable image zoom, view image information, etc.

Tips

Supports JPG, JPEG, BMP, GIF and PNG files.

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Specifications:

Speaker	5W
	2.5 inch Dual magnetic horn
Frequency response	100 Hz – 18 kHz
Bluetooth version	5.0
Power input	DC 5V/1A
Battery	3 x 18650 (1200 mAh supplied)
Dimensions	162.6*33.5*88.9mm
MW	522 x 1710 kHz, step 9 kHz
FM	87.5 – 108 MHz, step 100 kHz
SW	2.30 – 21.95 MHz
Music	MP3, WAV, OGG, APE, and FLAC
eBook	TXT
Video	RM, AVI, MKV, VOB, MOV, FLV, ASF, DAT, MP4, 3GP, MPG, MPEG
Video Codec	H.264 720p

Accessories:

Please check if all the items below are included in your package:

- 1 Unit
- 1 TYPE C USB Charging Cable
- 3 18650 Lithium battery (3*1200mAh)
- 1 Carry strap
- 1 Instruction Manual

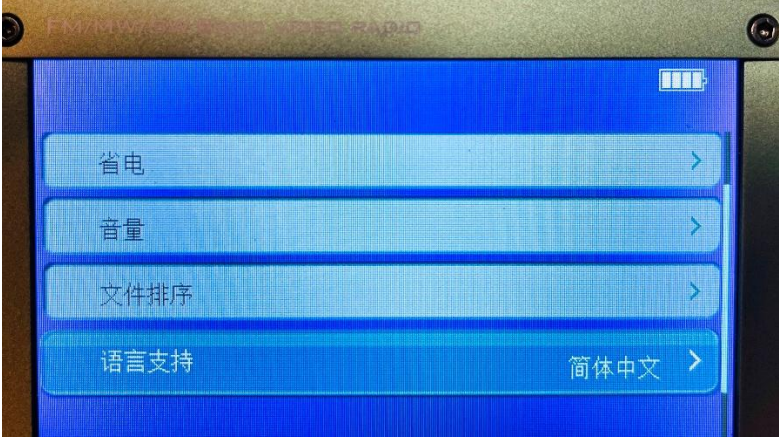
Changing the menu language

Refer to the following translated photo for button labels:



Turn the unit on and press the **Video** button; this turns on the large display screen and shows menu selections after playing a short video. Use the **▶▶** button to move through the display icon selections until reaching the Settings icon (bottom right) that looks like a gear. Press the **▶||** button to select Settings and enter the settings menu. Press the **▶▶** button repeatedly to advance to the fifth option (check the image below to confirm which entry is for language) and press the **▶||** button to select it. Then use the **▶▶** button to highlight your language of choice. Click **▶||** to select the language (a check mark will appear), then press the Return button to return to the main menu.

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Troubleshooting Guide

SYMPTOM	POSSIBLE CAUSE	POSSIBLE SOLUTION
No power	Main Power Switch is not in ON position	Switch the power switch on the right of unit to POWER ON position
	Battery drained	Recharge the battery, power on later
No sound	Volume level in the minimum position	Raise volume level by turning the VOLUME control
	Plugged in earphone	Unplug earphone
	Audio/Video file was damaged	Switch tracks or download the music again
Poor radio reception	The radio antenna is not deployed	Extend the radio antenna and adjust it to the optimal position
	Radio frequency deviation	Adjust the frequency to match the radio frequency
	Interference from devices near this unit	Move the unit away from interference sources, preferably to a the window for easy signal reception
	Radio not positioned correctly in MW radio mode	Properly place the unit horizontally and facing the station
The video file cannot be played, and there is a splash screen or automatic jump during the	The file format is too large or incompatible	Use a format conversion tool to convert video files to 720P. Please note that this unit supports H.264 1080P (30Hz)

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playback process		
	The storage device or stored video file is damaged	Reformatting storage devices: Use FAT32 or EXFAT format and download the video file again
The unit is not charging or the light does not light on when charging	The battery is installed properly	Re-install the battery correctly taking care to match +/-
	Defective charger	Re-plug the charging cable, replace defective cable or charger, replace if needed

IMPORTANT SAFEGUARDS:

1. Avoid spilling water onto the product's surface or into its internal components.
2. This unit is not designed for use by individuals (including children) with reduced physical, sensory, or mental capabilities, or by those lacking experience and knowledge, unless supervised or instructed by a responsible person.
3. Ensure children are supervised to prevent them from playing with the unit.
4. Do not use the unit if the surface is damaged or if it experiences any mechanical or electrical malfunctions. Contact an authorized service center for assistance.
5. Avoid shaking the unit.
6. Do not immerse the unit in water.
7. Keep the unit away from direct heat. Place it in a dry and well-ventilated area.
8. Do not place heavy objects on top of the unit.
9. If the battery is completely discharged, connect the USB charging cable to recharge the unit. Please note that the unit may not function properly during the initial minutes of charging.