FINEGO

GoSurge 8

Karaoke peaker

USER MANUAL

Model: FG-2602T

FINEGO USER MANUAL

Contents

1. Product Information

2. Package Contents

3. Important Safety Information

4. Main Specifications

5. Parts and Button Functions

6. Quick Start

7. Bluetooth / TWS / USB / TF / AUX / Microphone Use

8. Charging, Maintenance and Cleaning

9. Troubleshooting

10. Compliance and Environment

11. Warranty and After-Sales Service

Keep this manual for future reference. Specifications and operating instructions in this booklet apply to product model FG-2802T.

FINEGO USER MANUAL

1. Product Information

Brand	FINEGO
Product Name	Karaoke speaker
Product Model	FG-2602T
Bluetooth Name	FINEGO GoSurge 8
Category	Karaoke Speaker

FINEGO GoSurge 8 is a portable karaoke speaker designed for indoor and outdoor use. It supports Bluetooth 5.3, TWS speaker linking, USB and TF card playback, 3.5 mm AUX input, microphone controls, LED lighting effects and infrared remote control.

Key Features

- 240 W RMS power and 500 W peak power.
- Up to 8 hours of music playback at 50% volume.
- Two 8-inch woofers and two 3-inch drivers.
- Durable, stable telescopic trolley handle designed for repeated extension and retraction.
- Heavy-duty built-in wheels with bearings support the speaker's weight and roll smoothly.
- Bluetooth 5.3, TWS linking, and MP3 playback from USB drives and TF cards up to 32 GB.
- Microphone controls, LED lighting, three sound modes, and a 23-key remote control.

FINEGO USER MANUAL

2. Package Contents

- FINEGO GoSurge 8 speaker × 1
- Microphones × 2
- Remote control × 1
- USB charging cable × 1
- User manual × 1
- Warranty card × 1

Before First Use

1. Remove all packing materials and inspect the speaker, cable and accessories.
2. Place the speaker upright on a stable, dry and level surface.
3. Charge the built-in battery with a certified 5 V DC, 3 A USB power source; maximum input power is 15 W.
4. Set VOLUME and MIC.VOL to low levels before beginning playback or using microphones.
5. Retain the proof of purchase and warranty card.

FINEGO USER MANUAL

3. Important Safety Information

General Safety

Read and retain these instructions. Use the product only as described in this manual.

- Do not expose the speaker to rain, splashes, wet areas or excessive humidity.
- Place the speaker upright on a stable, level surface. Secure it during transport so it cannot roll or fall.
- Keep all ventilation openings clear. Do not cover the speaker while it is operating or charging.
- Keep away from open flames, heaters, hot vehicles and prolonged direct sunlight.

- Do not drop, crush, puncture, disassemble, modify or attempt to repair the product.
- Do not insert foreign objects into ports, grilles or openings.
- Use only accessories approved for this model.
- Disconnect all cables before moving or cleaning the speaker.
- Stop use immediately if smoke, abnormal odor, excessive heat or unusual noise occurs.
- There are no user-serviceable parts inside. Service must be performed by qualified personnel.

Charging, Battery, Hearing and Accessories

Charging and Battery Safety

- Use the supplied charging cable or a certified replacement and a compatible 5 V DC, 3 A USB power source. Maximum input power is 15 W.
- Never connect the charging port to a non-standard voltage. Do not use a damaged cable, plug or charging port.
- Charge in a dry, ventilated location. Disconnect power before cleaning, during electrical storms and before long-term storage.
- Do not expose the built-in battery to fire, temperatures above 60 °C (140 °F), sharp objects, or severe impact.
- If the battery swells, leaks, becomes unusually hot or produces an odor, stop using and charging the product.

Hearing and Microphone Safety

- Start at low volume and increase gradually. Prolonged exposure to high sound levels may damage hearing.
- Keep microphones away from the speaker drivers. Lower MIC.VOL immediately if feedback or squealing occurs.

Accessory Battery Safety

- Use only the battery type and polarity indicated in each accessory battery compartment.
- Do not mix new and used batteries or different battery types. Keep batteries away from children.
- Remove accessory batteries before long-term storage and dispose of used batteries according to local regulations.

FINEGO USER MANUAL

4. Main Specifications

Product, Power and Audio

PARAMETER	VALUE
Product Name	Karaoke speaker
Product Model	FG-2602T

Charging Input	5 V DC, 3 A, max. 15 W
Battery Capacity	11.1 V, 9,000 mAh
RMS Power	240 W
Peak Power	500 W
Playback Time	Up to 8 hours at 50% volume
Speaker Drivers	2 × 8-inch woofers + 2 × 3-inch drivers
Speaker Impedance	4 Ω + 6 Ω
Frequency Response	20 Hz–20 kHz

Charging input: USB Type-C, 5 V DC, 3 A, maximum 15 W.

Bluetooth and Product Data

PARAMETER	VALUE
Bluetooth Version	5.3
Bluetooth Name	FINEGO GoSurge 8
Transmission Range	15 m (49.2 ft)
Bluetooth Frequency	2.402–2.480 GHz
Total Harmonic Distortion	< 10%
Sensitivity	≥ 95 dB
Signal-to-Noise Ratio	≥ 75 dB
Operating Temperature	-10 °C to +50 °C (14 °F to 122 °F)
Product Weight	10.68 kg (23.55 lb)
Product Dimensions	312 (W) × 666 (H) × 335 (D) mm (12.28 × 26.22 × 13.19 in)

Bluetooth range is measured in an open area. Walls, people, wireless traffic and other obstacles may reduce the practical range.

5. Parts and Button Functions

5.1 Main Unit

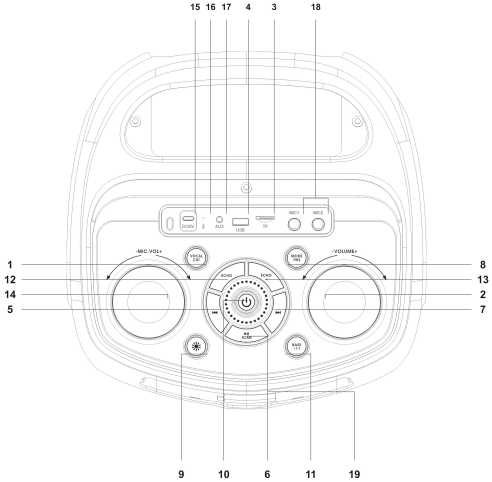

Figure 1. Main-unit controls and connections

1	VOCAL CUT	**11**	BASS 1.2.3
2	VOLUME	**12**	ECHO−
3	TF card	**13**	ECHO+
4	USB port	**14**	MIC.VOL
5	Previous	**15**	DC/5V
6	Play/Pause / SCAN	**16**	Charging indicator
7	Next	**17**	AUX
8	MODE/TWS	**18**	MIC1 / MIC2
9	Light	**19**	IR receiver
10	Power		

5.1.1 Main Unit — Items 1–10

1. VOCAL CUT Short press to toggle the vocal-cut effect for compatible music tracks.

2. VOLUME Rotate toward + or − to adjust the master volume.

3. TF Insert a FAT32-formatted TF card containing MP3 files. Maximum supported capacity: 32 GB.

4. USB Insert a FAT32-formatted USB storage device containing MP3 files. Maximum supported capacity: 32 GB.

5. Previous During USB, TF or Bluetooth playback, short press to return to the previous track.

6. Play/Pause / SCAN Short press to play or pause. In AUX mode, press to mute or restore sound. In USB/TF mode, press and hold to select ALL, RAND, ONE or FOL.

7. Next During USB, TF or Bluetooth playback, short press to move to the next track.

8. MODE/TWS Short press to cycle through Bluetooth, USB, TF and AUX. In Bluetooth mode, press and hold to start or end TWS linking.

9. Light Short press to cycle through the available LED lighting effects or turn the lights off.

10. Power Press and hold to turn the speaker on or off.

5.1.2 Main Unit — Items 11–19

11. BASS 1.2.3 Cycles through Indoor, Bass Boost and Outdoor sound modes.

12. ECHO− Short press to decrease microphone echo/reverberation.

13. ECHO+ Short press to increase microphone echo/reverberation.

14. MIC.VOL Rotate toward + or − to adjust microphone volume.

15. DC/5V USB Type-C charging input. Use a 5 V DC, 3 A power source (max. 15 W).

16. Charging Indicator Lights red while charging and turns off when fully charged.

17. AUX 3.5 mm external audio input.

18. MIC1 / MIC2 Inputs for compatible wired microphones.

19. IR Receiver Keep unobstructed when using the remote control.

USB/TF Playback Modes

- ALL — play all tracks in sequence.
- RAND — play tracks in random order.
- ONE — repeat the current track.
- FOL — repeat tracks in the current folder.

5.2 23-Key Remote Control

Point the remote toward the IR receiver and keep the signal path clear.

Power / Mute	Speaker power-off and mute controls
BASS 1.2.3 / BASS– / BASS+	Sound-mode and bass controls
MODE / TWS / Light	Source, linking and lighting
VOL± / playback keys	Volume and playback
Numeric keys 0–9	Direct USB/TF track selection

5.2.1 Remote-Control Functions

Power: Short press to turn the speaker off. The remote control cannot turn the speaker back on. To turn it on again, press and hold the Power button on the main unit.

Mute: Short press to mute or restore audio in USB, TF, AUX or Bluetooth mode.

BASS 1.2.3: Same three sound modes as the main-unit BASS button.

MODE: Cycles through Bluetooth, USB, TF and AUX sources.

BASS– / BASS+: Decreases or increases the bass level.

TWS: In Bluetooth mode, when no TWS connection is active, each short press sends a TWS pairing signal and keeps the speaker in TWS pairing mode. When two speakers are connected through TWS, short press to disconnect them.

Light: Short press to cycle through the available LED lighting effects, including turning the lights completely off.

VOL+ / VOL–: Adjusts the master volume.

Previous / Play/Pause / Next: Performs the same playback functions as the corresponding main-unit buttons.

Numeric Keys 0–9: Select tracks directly during USB/TF playback. For track 12, press 1, then 2, and wait about two seconds. Track numbers higher than the number of available tracks are ignored.

If the remote control becomes less responsive, replace its battery with the type indicated in the battery compartment, observing the marked polarity.

FINEGO USER MANUAL

6. Quick Start

First-Time Setup

1. Charge before first use with a certified 5 V DC, 3 A source. Maximum input power is 15 W.
2. Place the speaker upright on a stable, dry and level surface.
3. Press and hold the main-unit Power button to turn the speaker on.
4. Short press MODE/TWS to select Bluetooth, USB, TF or AUX.
5. Set VOLUME and MIC.VOL to low levels before starting playback or using microphones.
6. Start playback, then increase the levels gradually.

Basic Controls

Power On/Off Press and hold the main-unit Power button.

Mode Selection Short press MODE/TWS to cycle the available sources.

Master Volume Rotate VOLUME toward + or −.

Microphone Volume Rotate MIC.VOL toward + or −.

Lighting Short press Light to change the effect or turn lighting off.

Sound Mode Short press BASS 1.2.3 to select Indoor, Bass Boost or Outdoor.

Begin at a low volume to protect hearing and reduce feedback.

FINEGO USER MANUAL

7. Bluetooth / TWS / USB / TF / AUX / Microphone Use

Bluetooth Pairing and TWS Linking

Bluetooth Pairing

1. Turn on the speaker and select Bluetooth mode with MODE/TWS.

2. Open Bluetooth settings on the phone, tablet or computer.
3. Select “FINEGO GoSurge 8” from the device list.
4. If a password is requested, enter 0000. Most devices will not request one.
5. After you hear the connection prompt, start playback and increase the volume gradually.

TWS Wireless Stereo Linking

1. Turn on two compatible GoSurge 8 speakers and set both to Bluetooth mode.
2. Do not connect the phone first. Disconnect existing phone connections from both speakers.
3. Press and hold MODE/TWS on one speaker until linking begins.
4. After the speakers link, connect the phone to “FINEGO GoSurge 8”.
5. Press and hold MODE/TWS again to end TWS linking.

Important: Establish the speaker-to-speaker TWS link before pairing the phone.

USB, TF Card and AUX Input

USB and TF Card Playback

- Use FAT32 media up to 32 GB containing MP3 files. Back up important data.
- Insert the media. If playback does not begin, select USB or TF with MODE/TWS.
- Use Previous, Play/Pause and Next on the speaker or remote.
- Use numeric keys 0–9 for direct track selection.
- Press and hold Play/Pause to select ALL, RAND, ONE, or FOL.

AUX Input

1. Connect a compatible 3.5 mm audio cable between the AUX input and the audio source.
2. Select AUX with MODE/TWS if necessary.
3. Begin with both the source and speaker volumes set low, then adjust them gradually.
4. In AUX mode, press the Play/Pause button on the main unit to mute or restore audio.

Microphone Use

Using the Microphones

- Use the microphones according to the markings and instructions provided with them.
- If a microphone has a power switch or battery compartment, follow its operating instructions and the marked battery polarity.
- Adjust the microphone volume with MIC.VOL. Start at a low level and increase it gradually.
- Use ECHO− / ECHO+ to decrease or increase microphone echo/reverberation.
- Use VOCAL CUT to toggle the vocal-cut effect for compatible music tracks.

Wired Microphone Inputs

1. Turn MIC.VOL down before connecting a compatible wired microphone.
2. Insert the plug fully into MIC1 or MIC2.
3. Raise MIC.VOL gradually and adjust ECHO− / ECHO+ as required.

Preventing Feedback

- Keep microphones behind or away from the speaker drivers.
- Do not point a microphone directly at the speaker.
- If squealing occurs, lower MIC.VOL and reduce microphone echo immediately.

FINEGO USER MANUAL

8. Charging, Maintenance and Cleaning

Charging

1. Place the speaker in a dry, ventilated location.
2. Connect the USB charging cable to the DC/5V USB Type-C port.
3. Connect to a certified 5 V DC, 3 A source. Maximum input power is 15 W.
4. The indicator is red during charging and turns off when charging is complete.
5. Disconnect the cable after charging.

Actual charging time varies with the power source and battery condition. At 50% volume, the speaker provides up to 8 hours of music playback. Actual playback time varies with volume, lighting and battery condition.

Cleaning and Storage

- Power off and disconnect all cables before cleaning.
- Wipe with a soft, dry cloth. Do not use alcohol, solvents, sprays or abrasive cleaners.
- Do not allow liquids or foreign objects to enter ports, grilles, or openings.
- Store in a cool, dry place away from extreme temperatures and direct sunlight.
- Remove accessory batteries before long-term storage and recharge the built-in battery periodically.
- Protect knobs, ports, handles and wheels during transport.

FINEGO USER MANUAL

9. Troubleshooting

Power, Audio and Bluetooth

ISSUE	SOLUTION
No power / cannot turn on	Charge for at least 10 minutes. Check the cable and 5 V source, then press and hold the main-unit Power button.
No sound	Raise VOLUME, cancel mute, verify the selected source and check the source-device volume.

ISSUE	SOLUTION
Distorted audio	Lower VOLUME and BASS, check the audio source and recharge the speaker if the battery is low.
Bluetooth pairing fails	Select Bluetooth mode, disconnect other devices, clear the old pairing record and search again for FINEGO GoSurge 8.
TWS linking fails	Disconnect phones from both speakers. Set both to Bluetooth mode and link the speakers before pairing the phone.

If a problem continues, turn the product off, disconnect all cables and contact the retailer or FINEGO support.

Media, Microphones, Remote and Lighting

ISSUE	SOLUTION
USB/TF media cannot be read	Use FAT32 media up to 32 GB containing MP3 files. Reinsert the media or test another device.
No AUX sound	Insert the 3.5 mm cable fully at both ends, select AUX and check the source volume.
Microphone has no sound	Check the microphone's power or battery and follow its instructions. For a wired microphone, fully insert the plug and raise MIC.VOL.
Feedback or squealing	Move the microphone away from the speaker, lower MIC.VOL and reduce microphone echo with ECHO−.
Remote does not respond	Aim at the IR receiver, remove obstructions and replace the battery using the marked type and polarity.
LED lights do not respond	Make sure the speaker is on, then short press the Light button.

Do not open the enclosure. There are no user-serviceable parts inside.

10. Compliance and Environment

Environmental Compliance

This product is intended to meet applicable RoHS and environmental requirements. Follow local WEEE, battery and recycling regulations.

Disposal

- Do not dispose of the speaker, built-in battery or accessory batteries with unsorted household waste.
- Use an authorized collection or recycling facility.
- Do not burn, crush or puncture batteries.

Environmental Information

- Operating temperature: -10 °C to +50 °C (14 °F to 122 °F).
- Store in a dry environment away from corrosive substances.
- The following market-specific legal statements apply only where required.

FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

ISED Warning

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Under Innovation, Science and Economic Development Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Innovation, Science and Economic Development Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This device complies with Canadian ICES-003 and RSS-GEN and RSS-247.

Radiation Exposure: This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.

ISED Radiation Exposure Statement: The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located for operating in conjunction with any other antenna or transmitter.

Avertissement ISED

Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux CNR exempts de licence d' Innovation, Sciences et Développement économique Canada.

L'exploitation est soumise aux deux conditions suivantes :

1.Cet appareil ne peut pas causer d'interférences.

2.Cet appareil doit accepter toute interférence, y compris les interférences qui peuvent provoquer un fonctionnement indésirable de l'appareil.

Selon la réglementation d'innovation, sciences et développement économique Canada, cet émetteur radio ne peut fonctionner qu 'en utilisant une antenne type et gain maximum (ou inférieur) approuvés pour Industrie Canada par l'émetteur. Réduire brouillage radioélectrique potentiel avec d'autres utilisateurs, le type d'antenne et son gain doivent être choisis que la puissance isotrope rayonnée équivalente (e.i.r.p.) n'est pas supérieure à celle nécessaire pour communication réussie.

Cet appareil est conforme aux normes canadiennes ICES-003 et RSS-GEN et RSS-247.

Exposition aux radiations: Cet équipement est conforme à la réglementation canadienne sur les radiations. limites d'exposition établies pour un environnement non contrôlé.

Déclaration d'exposition aux radiations ISED: Les antennes utilisées pour cet émetteur doivent être installées de manière à assurer une distance de séparation d'au moins 20 cm au moins de toute personne et ne doivent pas être co-localisés pour fonctionner en conjonction avec autre antenne ou émetteur.

IC: 35610-FG2602T

PMN: Karaoke speaker

HVIN: FG-2602T

11. Warranty and After-Sales Service

Limited Warranty

FINEGO provides a 12-month limited warranty against defects in materials or workmanship under normal use, beginning on the date of the original retail purchase.

Warranty Coverage

- Covers defects in materials and workmanship.
- Does not cover damage caused by accidents, misuse, abuse, liquid ingress, unauthorized disassembly or modification, improper charging, or normal wear and tear.
- Accessory warranty periods may differ; consult the retailer.

After-Sales Service

Keep your proof of purchase and the product serial number. For warranty service or technical support, contact the original retailer or FINEGO customer service.

Product Name	Karaoke speaker
Product Model	FG-2602T
Manufacturer	FINE GO TECHNOLOGY CO., LIMITED
Address	Room E39-06, 16/F, Wong King Industrial Building, 192–198 Choi Hung Road, San Po Kong, Hong Kong
Email	support@finegotech.com

Thank you for choosing FINEGO