



Fidget Spinner. Colorful Multifunctional Mini Speaker

Radio, Bluetooth, Game, SD Card Playback, APP Smart Control

Operation Instructions

Model: HRD-G18

Our company has always adhered to the principle of continuous product innovation to meet the diverse needs of Our users.

This product is a pure metal shell, mini-sized, and a multifunctional fun gadget!

We hope that this little gadget can accompany you in your free time, help you relieve stress, and add joy to your life.

Before using it, please read these operation instructions carefully.

Thank you for your purchase. Please keep this operation instruction manual properly.



Function and function indication



打开Type-c防尘塞



用Type-C转3.5mm连接线

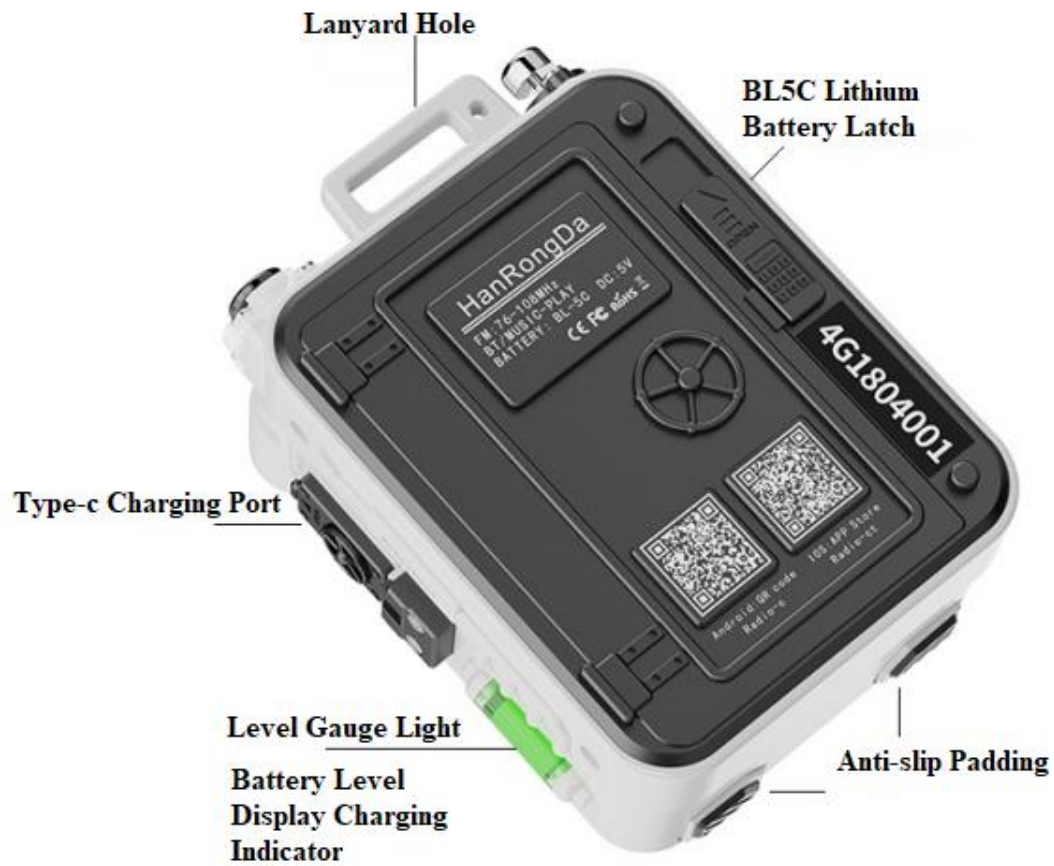


插上3.5mm耳机

Schematic diagram:







1-2: Rear Function Indication Diagram:



1-3: Brief Description of Top Button Functions:




M	<p>1: Clock Display State: Long press to enter lighting settings (Refer to details in Operation Introduction, Point 6)</p> <p>2: Radio Operating Mode: Light press to enter station search mode. Light press again to exit station search mode (Refer to details in Operation Introduction, Point 12.1.3). Long press to enter manual station presetting (Refer to details in Operation Introduction, Point 12.1.2). Double click to initiate automatic search and store (Refer to details in Operation Introduction, Point 12.1.1.4).</p> <p>3: TF Card Operating Mode: Light press the M button to enter EQ sound quality selection (Refer to details in Operation Introduction, Point 14). Double click the M button to enter play order selection (Refer to details in Operation Introduction, Point 14). Long press the M button to enter spectrum flashing mode (Refer to details in Operation Introduction, Point 14).</p> <p>4: Bluetooth Playback Mode: Light press the M button to enter EQ sound quality selection (Refer to details in Operation Introduction, Point 13). Double click to disconnect Bluetooth connection. Long press the M button to enter spectrum flashing mode (Refer to details in Operation Introduction, Point 13).</p> <p>5: Game Mode: Light press to enter the game selection: Crazy Gyroscope / Mini Slot Machine (Refer to details in Operation Introduction, Point 7).</p> <p>6: During lighting settings, long press the M button to exit the operation and resume time display.</p> <p>7: When the device is connected to the APP in clock display state, double click the M button to disconnect from the APP.</p>
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	<p>1: Clock Display State: In the ▲ position, push forward once to display the alarm clock symbol. Then, while still in the ▲ position, push forward and hold for a longer duration to enter the alarm clock/automatic power-on settings (Refer to details in Operation Introduction, Point 16).</p> <p>2: Power-On Operating Mode: Push forward towards the ▲ position to gradually decrease the volume.</p> <p>3: During Lighting Settings: Push forward towards the ▲ position to adjust the flashing speed of the lighting effects.</p>
	<p>1: Clock Display State: In the ▼ position, push backwards and hold for a longer duration to enter time settings (Refer to details in Operation Introduction, Point 15).</p> <p>2: Clock Display State: In the ▼ position, pushing backwards toggles between time and emoji display.</p> <p>3: During Lighting Settings: Push backwards towards the ▼ position to adjust the flashing speed of the lighting effects.</p> <p>4: Power-On Operating Mode: Push backwards towards the ▼ position to gradually increase the volume.</p>
	<p>1: To set or adjust the time, when at the ◀ position, push rightwards to adjust the time.</p> <p>2: When entering the lighting settings, at the ◀ position, pushing rightwards selects the lighting color.</p> <p>3: Radio Operation Mode: At the ◀ position, pushing rightwards steps through frequencies. Pressing and holding rightwards for 2 seconds at the ◀ position initiates automatic radio station searching. After entering the station selection mode, at the ◀ position, pushing rightwards selects the desired radio station.</p> <p>4: TF Card Playback Mode: At the ◀ position, pushing rightwards selects the next song. Pressing and holding rightwards at the ◀ position initiates fast-forward playback.</p> <p>5: Bluetooth Playback Mode: At the ◀ position, pushing rightwards selects the next song.</p> <p>6: Game Mode: Move to the ◀ position, then pushing rightwards selects GAME S→00 or GAME T→000.</p>
	<p>1: To set or adjust the time, when at the ▶ position, push leftwards to adjust the time.</p> <p>2: When entering the lighting settings, at the ▶ position, pushing leftwards selects the lighting color.</p> <p>3: Radio Operation Mode: At the ▶ position, pushing leftwards steps through frequencies. Pressing and holding leftwards for 2 seconds at the ▶ position initiates automatic radio station searching. After entering the station selection mode, at the ▶ position, pushing leftwards selects the desired radio station.</p> <p>4: TF Card Playback Mode: At the ▶ position, pushing leftwards selects the previous song. Pressing and holding leftwards at the ▶ position initiates rewind playback.</p> <p>5: Bluetooth Playback Mode: At the ▶ position, pushing leftwards selects the previous song.</p> <p>6: Game Mode: Move to the ▶ position, then pushing leftwards selects GAME S→00 or GAME</p>

2: Power On/Off


This product is equipped with a built-in lithium battery. Upon first use, please charge the radio.

The device is defaulted to the locked state upon factory shipment. Prior to first use, please unlock it.

Gently press the [] and [SOS] buttons on the left side to illuminate the screen and enter the time display mode.

You can see the lock symbol “” displayed in the lower right corner of the LCD.

In the time display mode, double-click the [SOS] button to unlock.

After unlocking, gently press the [] button within approximately 50 seconds to turn on the radio.

To turn off the radio after it is turned on, long-press the [] button.

3: Replacing the Battery



Push upwards along the arrow position to open the battery door latch.


You can replace the BL5C lithium battery.

Align the positive and negative contacts of the battery with the three contacts in the battery slot and push it upwards to install.

Note the positive and negative terminals of the battery are correctly installed.



Close the battery cover.

4: Adjusting Volume

While the radio is turned on, the top button [] can be pushed upwards to increase the volume incrementally. The maximum volume level is 30.

Pushing the button downwards decreases the volume, with the minimum volume level being 0.

3.1 Enabling/Disabling Mute Function:

In radio mode, gently press the [] button to enable mute, and the LCD will display the “” symbol.

To disable mute, gently press the [] button again, and the mute symbol will disappear.


5: Explanation of LCD Display Symbols

Hi !	Activate the display screen to show the time status
BYE !	Turn off the screen to enter power-saving standby mode
	FM radio working mode
	Bluetooth working mode
	TF card working mode
PC	Connect to a computer as a card reader/audio input
GAME	Game working mode
FM	FM reception mode
CH00-CH99	Station preset/recall indicator
	Key lock symbol
	Joystick lock symbol
	Frequency/Time/Bluetooth/TF card display
	Blinking status indicates searching for Bluetooth devices to connect; Constant display indicates a Bluetooth device is connected
	Bluetooth/TF card play symbol
	Bluetooth/TF card pause symbol; Radio mute indicator
	Scheduled power-on/alarm symbol
BUZZ	Scheduled alarm symbol
PWR	Scheduled power-on symbol
AM	12Hr format: Represents AM time
PM	12Hr format: Represents PM time
ALL ON	All decorative lamps turned on
ALL OFF	All decorative lamps turned off
ERR	The TF card fails to read
NULL	The radio station data



6: Regarding Colorful Lighting Settings:

This product offers customizable lighting options for seven distinct areas:





- A - Gyro Glitter Light,
- B - Lighting on the Top of the Machine,
- C - Backlight for Display Screen,
- D - Two Lighting Fixtures on the Left and Right Sides of the Display Screen,
- E - Lighting for Two Buttons on the Left Side of the Machine,

F - Function Keys Lighting,  Base Lighting,
Z - Level Indicator Lighting on the Right Side of the Machine.

The setting procedure is as follows:

Lightly press the [] button on the left to activate the time display. Then, long press the top button [] to enter the lighting settings menu.

You can view two states on the LCD screen: ALL ON or ALL OFF.

To select specific lighting options, use the [   ] buttons to navigate.


Pushing forward, backward, left, or right on these buttons will allow you to enter the selection mode and configure each lighting area individually.

ALL ON - Press to select and configure lighting settings for all seven areas mentioned above.

ALL OFF - Allows only color setting adjustments for the backlight of the display screen (C), while all other six decorative lamp areas (A, B, D, E, F, and Z) will be turned off.

After selection, lightly press  button to enter the setting.

Once in the ALL ON setting, proceed to adjust each of the seven lighting areas:

Each time  button is lightly pressed, it will cycle through the symbols representing the seven lighting areas:


A - Gyro Glitter Light, B - Lighting on the Top of the Machine, C - Backlight for Display Screen,

D - Two Lighting Fixtures on the Left and Right Sides of the Display Screen,

E - Lighting for Two Buttons on the Left Side of the Machine,

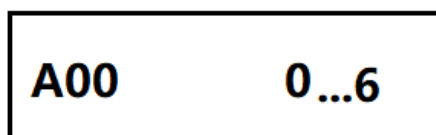
F - Function Keys Lighting and Base Lighting (combined in this notation for brevity),

Z - Level Indicator Lighting on the Right Side of the Machine.

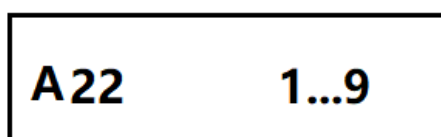
Note: To exit the color setting mode, long press  button. Alternatively, the system will automatically exit after 30 seconds of inactivity without pressing any buttons. The last selection made will be saved as the default.

6-1 When the A - Gyro Glitter Light setting is selected,

The LCD display will show the character A.



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Push left or right [◀ ▶] to select between A00-A22/ A OFF (to turn off the gyro glitter light).

Push up or down [▲ ▼] to select the rotation speed of the lighting fixture (at the A00 position, it selects among 7 colors).


Introduction to the Operation of A-Gyro Glitter Light Settings:

Details are provided in the following table:

Push left or right [◀ ▶] to select	Select lighting fixtures and variation modes	Push up or down [▲ ▼] button to select Lighting fixtures / rotation speed
A00	Pure Color	0 to 6 selectable for 7 different color lighting fixtures
A01	Light rotates clockwise, changing colors in sequence	Select from 1 to 9. The lower the grade, the faster the lights turn.
A02	Light rotates counterclockwise, changing colors in sequence	Select from 1 to 9. The lower the grade, the faster the lights turn.
A03	Light rotates clockwise, changing colors randomly	Select from 1 to 9. The lower the grade, the faster the lights turn.
A04	Light rotates counterclockwise, changing colors randomly	Select from 1 to 9. The lower the grade, the faster the lights turn.
A05	2 Lights, Rotating Clockwise, Changing Colors in Sequence	Select from 1 to 9. The lower the grade, the faster the lights turn.
A06	2 Red Lights, Rotating Clockwise	Select from 1 to 9. The lower the grade, the faster the lights turn.
A07	2 Green Lights, Rotating Clockwise	Select from 1 to 9. The lower the grade, the faster the lights turn.
A08	2 Blue Lights, Rotating Clockwise	Select from 1 to 9. The lower the grade, the faster the lights turn.
A09	2 Yellow-Green Lights, Rotating Clockwise	Select from 1 to 9. The lower the grade, the

		faster the lights turn.
A10	2 Purple Lights, Rotating Clockwise	Select from 1 to 9. The lower the grade, the faster the lights turn.
A11	2 Sky Blue Lights, Rotating Clockwise	Select from 1 to 9. The lower the grade, the faster the lights turn.
A12	2 White Lights, Rotating Clockwise	Select from 1 to 9. The lower the grade, the faster the lights turn.
A13	3 Lights, Rotating Clockwise, Changing Colors in Sequence	Select from 1 to 9. The lower the grade, the faster the lights turn.
A14	3 Red Lights, Rotating Clockwise	Select from 1 to 9. The lower the grade, the faster the lights turn.
A15	3 Green Lights, Rotating Clockwise	Select from 1 to 9. The lower the grade, the faster the lights turn.
A16	3 Blue Lights, Rotating Clockwise	Select from 1 to 9. The lower the grade, the faster the lights turn.
A17	3 Yellow-Green Lights, Rotating Clockwise	Select from 1 to 9. The lower the grade, the faster the lights turn.
A18	3 Purple Lights, Rotating Clockwise	Select from 1 to 9. The lower the grade, the faster the lights turn.
A19	3 Sky Blue Lights, Rotating Clockwise	Select from 1 to 9. The lower the grade, the faster the lights turn.
A20	Three white lights, rotate clockwise.	Select from 1 to 9. The lower the grade, the faster the lights turn.
A21	Randomly change the color of the lights.	Select from 1 to 9. The lower the grade, the faster the lights turn.
A22	The lights rotate clockwise, changing colors in sequence. Each color change will turn off all the lights.	Select from 1 to 9. The lower the grade, the faster the lights turn.
A OFF	Turn off the lights at gyroscope location A.	



6-2: Selection of B - Top Lighting for Machine

After adjusting the A gyro glitter light, press the Light  button, and the LCD will display the character B.

B 00 0...6

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B10 1...9

Push left and right [ ] to select B00-B10/ B OFF (turn off the top color-changing lights).

Push up and down [ ] to select the rotation speed of the lighting (at B00, select from 7 colors).


Introduction to the Settings Operation of B-Machine Top Lighting:

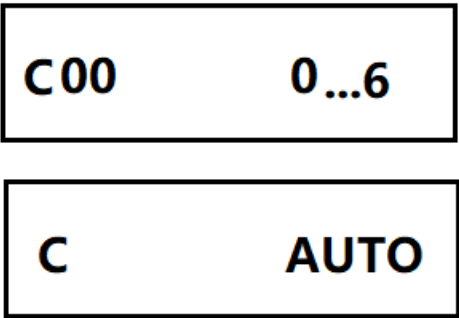
Details are as follows in the table:



Push left or right [ ] to select	Select lighting fixtures and variation modes	Push up or down [ ] button to select Lighting fixtures / rotation speed
B00	Pure Color	0 to 6 selectable for 7 different color lighting fixtures
B01	Change colors in sequence from left to right	Select from 1 to 9. The lower the grade, the faster the decorative lighting turns.
B02	Change colors in sequence from right to left	Select from 1 to 9. The lower the grade, the faster the decorative lighting turns.
B03	1 light, change colors in sequence from left to right	Select from 1 to 9. The lower the grade, the faster the decorative lighting turns.
B04	1 red light, from left to right	Select from 1 to 9. The lower the grade, the faster the decorative lighting turns.
B05	1 green light, from left to right	Select from 1 to 9. The lower the grade, the



		faster the decorative lighting turns.
B06	1 blue light, from left to right	Select from 1 to 9. The lower the grade, the faster the decorative lighting turns.
B07	1 yellow-green light, from left to right	Select from 1 to 9. The lower the grade, the faster the decorative lighting turns.
B08	1 purple light, from left to right	Select from 1 to 9. The lower the grade, the faster the decorative lighting turns.
B09	1 sky blue light, from left to right	Select from 1 to 9. The lower the grade, the faster the decorative lighting turns.
B10	1 white light, from left to right	Select from 1 to 9. The lower the grade, the faster the decorative lighting turns.
B OFF	Turn off the light at position B	

6-3: When selecting the C-Display Backlight Color setting:

After adjusting the lighting color and blinking pattern at positions A/B, lightly press  button and the LCD will display the character C.




Push and slide left and right [ ] to select between C00 and C AUTO modes.

At the C00 position, push and slide up and down [ ] to select the backlight color (7 colors available).


Introduction to the Operation of C-LCD Backlight Color Settings:

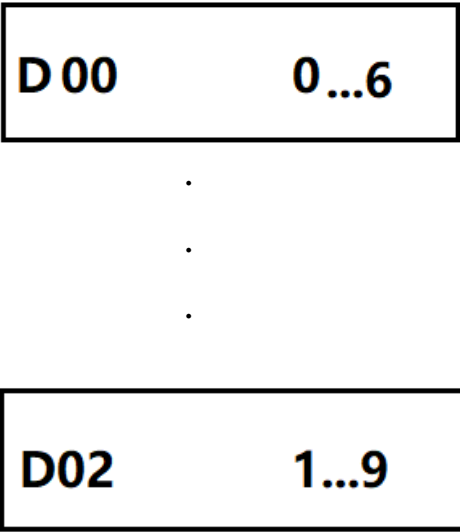
As detailed in the following table:



Push and Slide Left and Right [◀ ▶] to Select	Select Lighting and Transition Mode	Use the up and down buttons [▲ ▼] to select the backlight color
C00	In solid color mode, the backlight remains in a constant display state during operation.	0 to 6 selectable for 7 different color lighting fixtures
C AUTO	The backlight illuminates for 20 seconds when any key is pressed during operation and then automatically turns off.	



Note: If ALL OFF is selected, Light press  will allow you to enter the backlight color settings for the LCD display, following the same steps as outlined in section 《6-3》 .

6-4: When setting D (the decorative lights on the left and right of the display):

After adjusting the light colors and flashing modes at A/B/C, Light press  button , and the LCD will display the character D.







Use the left and right buttons [ ] to select D00-D02/D OFF (to turn off the decorative lights on the left and right of the display).


Use the up and down buttons [ ] to select the rotation speed of the lights (in the D00 setting, this allows you to choose from 7 colors).

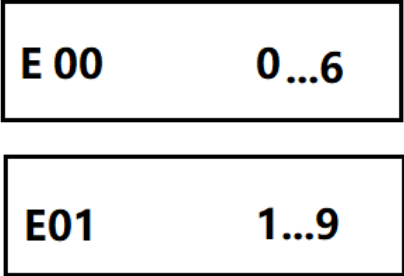
D - Decorative Lights Setting Operation for the Left and Right Display:



Details are provided in the table below:



Push and Slide Left and Right [ ] to Select	Select Lighting and Transition Mode	Use the up and down buttons [ ] to select the backlight color
D00	Pure Color	0 to 6 selectable for 7 different color lighting fixtures
D01	Change colors sequentially	Select from 1 to 9. The lower the grade, the faster the decorative lighting flashes.
D02	Transition colors sequentially, with each color fading out and then fading back in during the sequence	Select from 1 to 9. The lower the grade, the faster the decorative lighting flashes.
D OFF	Deactivate or turn off the lighting fixtures at locations D1 and D2	

6-5: Selection of Lighting Fixtures for the Two Buttons on the Left Side of the E-Machine: During Setup:

After adjusting the lighting color and flashing mode at locations A/B/C/D, press the Light  button lightly, and the LCD will display the character E.







Push left and right [ ] to select between E00-E01/E OFF
(to turn off the lighting fixtures at location E).


Push up and down [ ] to select the rotation speed of the lighting fixtures
(At E00, it selects among 7 colors).

Introduction to the Setup Operation for the Two Button Lighting Fixtures on the Left Side of the E-Machine:





The following table outlines the specific steps:

Push and Slide Left and Right [ ] to Select	Select Lighting and Transition Mode	Use the up and down buttons [ ] to select the backlight color
E00	Pure Color	0 to 6 selectable for 7 different color lighting fixtures
E01	Change colors sequentially	Select from 1 to 9. The lower the grade, the faster the decorative lighting flashes.
E OFF	Turn off the lighting fixtures at location E	

6-6: Selection of F-Function Key for Base Lighting Setup:

After adjusting the lighting color and flashing mode at locations A/B/C/D/E, press the Light  button lightly, and the LCD will display the character F,

F	OFF
F	ON
F	AUTO


Use the left and right push buttons [ ] or the up and down push buttons [ ] to make your selection.

F OFF: Turns off the lighting at location F.



F ON: Keeps the lighting at location F constantly on.



F AUTO: Automatically turns the lighting at location F on and off in sync with the LCD backlight.

6-7: Selection of Z-Machine Right-Side Level Indicator Lighting Setup:

After adjusting the lighting color and flashing mode at locations A/B/C/D/E/F, press the Light  button lightly, and the LCD will display the character Z

Z	BAT
Z01	0...6
Z01	1...9
Z	OFF

Use the left and right push buttons [ ] to select among the four options mentioned.

When Z01 or Z02 is selected, use the up and down push buttons [ ] to choose the color

and flashing speed of the lighting fixtures.

Push and Slide Left and Right [◀ ▶] to Select	Select Lighting and Transition Mode	Use the up and down buttons [▲ ▼] to select the backlight color
Z BAT	Battery Level Indication: Battery Level \leq 30%: Red light is on. Battery Level $>$ 30% and \leq 80%: Yellow light is on. Battery Level $>$ 80%: Green light is on.	
Z01	Pure Color Mode	0 to 6 selectable for 7 different color lighting fixtures
Z02	Change colors sequentially	Select from 1 to 9. The lower the grade, the faster the decorative lighting flashes.
Z OFF	Turn Off the Lighting Fixtures at Location Z	

7: Activate Game Mode:

7.1: Press the [LOCK/SOS] button lightly to illuminate the clock display. Press the [LOCK/SOS] button three times consecutively to enter the game mode. Use the left and right push buttons [⬅ ➡] to switch between two games:


Game 1: Crazy Spinning Top


After entering the game mode, the LCD will display: GAME “S→00”. At this point, rotate the [Spinning Top] button clockwise or counterclockwise. The faster you rotate, the higher the number in GAME S→ “00” will increase. The more LED lights on the spinning top illuminate, indicating the speed of rotation, and the player with the most illuminated lights wins.


Game 2: Mini Slot Machine

After entering the game mode,

The LCD will display the GAME “T→***” mode, where the three digits are constantly changing. At this point,

Press the Light  button for the first time to stop the first digit from changing.

Press the Light  button for the second time to stop the second digit from changing.

Press the Light  button for the third time to stop the third digit from changing.

If all three digits stop with the same number, it represents a victory in the game, and the LCD will display the “WIN !” message.


If the three stopped digits are not the same, the LCD will display the “FAIL!” message, indicating that the game has been lost.

To exit the game mode, press the [LOCK/SOS] button lightly.


8: Lock/Unlock Operation:



This product features two lock switches:



1) Spinning Top Lock  and 2) Button & Spinning Top Lock: 


8.1 Enable gyro lock: Press [LOCK/SOS] lightly to lock the gyro button. The LCD will display the gyro lock symbol “  ”.

At this time, the gyro rotation button has been locked.

Press [LOCK/SOS] lightly again to unlock the gyro button, and the gyro lock symbol “  ” on the LCD will disappear.

8.2 Enable Button & Gyro Lock:  Continuously double-click [LOCK/SOS], and the LCD screen will display the “  ” symbol. At this point, all buttons except the SOS function key are locked.

To unlock, continuously double-click [LOCK/SOS] again, and the “  ” symbol on the LCD screen will disappear. At this moment, the lock function has been disabled, but the gyro remains locked. Press [LOCK/SOS] lightly to unlock the gyro button, and the gyro lock symbol “  ” on the LCD will disappear, allowing normal use of the gyro rotation button.

* Note: After turning on the display screen, if no key is operated, the gyro button will automatically lock after 5 seconds. Lightly press [LOCK/SOS] to unlock the gyro button “  ” lock, enabling normal operation of the gyro button.

9: Enable/Disable SOS Alarm Function:

Power for Emergency Function: Maximum output of SOS alarm > 3W; Flashlight power: 1W.

To enable SOS alarm: Long press [LOCK/SOS] for 2 seconds to activate the SOS alarm.

To cancel SOS alarm: Lightly press [LOCK/SOS] to deactivate the SOS alarm.

*Note: The device can still be used normally even when locked.

10: 3.5mm Headphone Jack:

To avoid disturbing others, a 3.5mm headphone jack is provided on the top of the device. Remove the dust cover and insert headphones to adjust to a suitable volume for listening.

11: TYPE-C USB: Charging/AUX-in/Card Reader:

11.1: Charging

It is recommended to use a charging device with an output voltage of DC5V/1A-DC3A to avoid damaging the lithium battery or the device.

If the lithium battery is not used for an extended period, please ensure to charge it once a month or remove the battery.

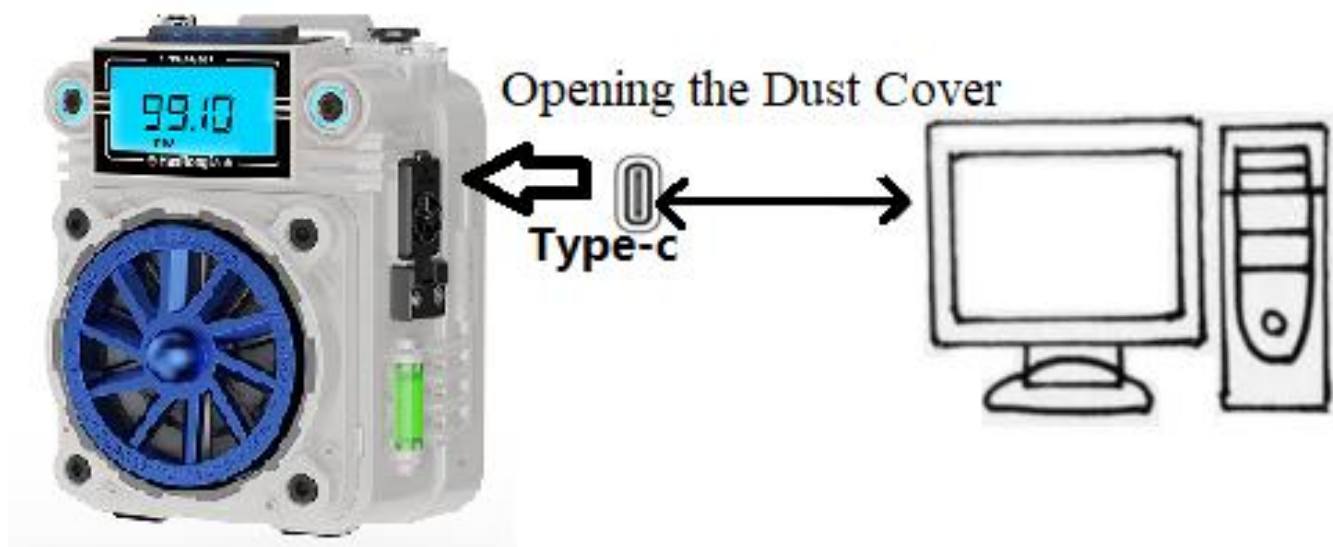
When the USB charging cable is inserted, the “green light” on the right side of the screen (indicating the spirit level) will flash, signifying charging mode. When fully charged, the “green light” will stop flashing. The typical charging time is approximately 4-5 hours.

11.2: AUX-in (Audio Input)

Connect the device to a computer using a USB cable to play music from the computer.

11.3: As Card Reader

Insert a TF card into the device and connect it to a computer using a USB cable. This allows you to read, copy, and delete content from the TF card.



(Connecting the Device to a Computer using a USB Cable)

12: Operating Modes of This Product:

FM Radio

Bluetooth

TF Card

P C


After powering on, continuously double-click [] to switch between the various operating modes.


Note: For SD card playback, a TF card must be inserted into the device. For PC connection, the device must be connected to a computer using a USB cable (as described in 11.2/11.3 above).

12.1 Listening to FM Radio:


The FM reception frequency range of this product is: 76.0-108.0MHZ.

12.1.1 Station Searching Methods: Manual search, automatic search, gyro wheel search, and fully automatic search and save.

12.1.1.1 Manual Station Search: Push the [] button left or right to decrease or increase the frequency in minimum step value increments of 0.1MHZ.




12.1.1.2 Automatic Station Search: Hold the [] button left or right to search for stations rapidly, stopping and playing when a signal is detected.



12.1.1.3 After lightly pressing [LOCK/SOS] to unlock the gyro, rotate the gyro wheel to select stations.

12.1.1.4 Fully Automatic Search and Save: In radio mode, double-click  to enter the fully automatic search and save mode. The search will begin from the lowest frequency point and stop at the highest. During the search, when a station with a signal is found, the LCD will display “CH**” (where ** is the saved station number), indicating the saved station address. After completing a full search, it will automatically stop and play the first frequency point saved.





*Warm Reminder: The maximum number of stations that can be saved is 99, with the actual number of saved stations dependant on the signal strength in the local area.

12.1.2: Manual Station Saving Method:

Using the station searching methods outlined in 12.1.1.1, 12.1.1.2, or 12.1.1.3, once you have found a favorite station, long-press [] for 2 seconds. The LCD will display the saving station number “CH**” in a flashing state. At this point, push the [] button left or right to select the desired station address number. Then, lightly press [] to confirm, and the flashing will stop, indicating the completion of the manual station saving operation.

Note: If you have already selected the target frequency, you can also directly long-press [] for 2 seconds to initiate station saving. Lightly press [] to confirm the saved station. Using this method, stations can be saved directly in ascending order based on their station numbers.


12.1.3: Accessing Saved Stations:

After completing the manual station saving process described in 12.1.2 or the fully automatic search and save process in 12.1.1.4, lightly press [] to enter the station access mode. At this point, push the [] button left or right to select the desired station number. To exit the station access mode, lightly press [] again. After exiting, you can resume searching for stations by pushing the [] button left or right.

*If “NULL” is displayed after lightly pressing [], it indicates that no stations have been pre-saved.

13: Bluetooth Operating Mode:

The Bluetooth name of this product is “HRD-G18”.


While the device is powered on and operational, continuously double-click [] to switch to “BT” mode.


The LCD will display the flashing “Bluetooth” character, indicating that it is waiting to connect to a Bluetooth device.


Once successfully connected to a mobile phone, the “Bluetooth” character will remain constantly displayed.

Both the mobile phone and the device can be used for controls such as adjusting volume, playing the previous song, or playing the next song.



On the device side: Push [] to the right for the next song.


Push [] to the left for the previous song.

Push back [] to increase volume.

Push forward [] to decrease volume.






Lightly press [LOCK SOS] to unlock the gyro, allowing for quick selection of song order by rotating the gyro wheel.

Play/Pause: Lightly press [] to display the pause symbol “||” on the LCD. Press [] again to resume playback, with the play symbol “▷” displayed on the LCD.

Selecting Sound Effects: In Bluetooth playback mode, lightly press [] to select from six sound effects, with the LCD displaying E1...E6:

E1: NORMAL E2: POP E3: ROCK

E4: JAZZ E5: CLASSIC E6: COUNTRY

Long-press [] for 2 seconds to quickly access the lighting settings, with the LCD displaying []- []. At this point, push the [] button left or right to adjust between 7 lighting modes. (Note: The device must have its lighting feature enabled to access these adjustments.) After approximately 40 seconds of inactivity, the last selected option will be confirmed or you can long-press [] to confirm.

After playing for approximately 15 seconds, the LCD will display the current time. Lightly press [LOCK SOS] to return to displaying the playback time.

14: Introduction to TF Card Playback:

Open the dust cover for the TF card slot located on the left side of the device.







Gently press the TF card into the slot.




After correctly inserting the TF card, close the dust cover.

When a TF card is inserted, the device will prioritize playing music from the TF card.

(To switch to other operating modes, continuously double-click []. Alternatively, while in other modes, double-click [] to switch to TF card playback mode.)





On the device: Push [] to the right for the next song, Long push [] to the right for fast forward.


Push [] to the left for the previous song. Long push [] to the left for fast backward

Push back [] to increase volume.

Push forward [] to decrease volume.






Lightly press [LOCK SOS] to unlock the gyroscope, allowing for quick selection of song order by rotating the gyro wheel.

Play/Pause: Lightly press [], and the LCD will display the pause symbol “  ”. Press [] again to resume playback, with the play symbol “  ” displayed on the LCD.


Selecting Sound Effects: In TF playback mode, lightly press [] to select from six sound effects, displayed as E1...E6 on the LCD:

E1: NORMAL E2: POP E3: ROCK

E4: JAZZ E5: CLASSIC E6: COUNTRY

Long-press [] for 2 seconds to quickly access lighting settings, with the LCD displaying []-[]. Push the [] button left or right to adjust between 7 lighting modes. (Note: The device must have its lighting feature enabled to access these adjustments.) After approximately 40 seconds of inactivity, the last selected option will be confirmed or you can long-press [] to confirm.

In TF card playback mode, you can choose the playback mode by performing the following:

TF Card Playback Modes: Double-click [], and the LCD will display RA, RO, RF, RR, representing:

RA (Repeat All) RO (Repeat One)

RF (Repeat File) RR (Random)

The TF card supports up to 256GB in capacity and can play music files in mp3/WMA/WAV/APE/FLAC formats. The maximum number of files supported by the TF card is 65535.

After playing for approximately 15 seconds, the LCD will display the current time. Lightly press [LOCK SOS] to resume displaying the playback time.



Warm Reminder:



When playing music from a TF card, due to the quality of downloaded song sources, if there are any audio distortions, please adjust the volume accordingly.



If you encounter an “ERR” display while attempting to play a TF card during radio or Bluetooth operation, it may be due to issues with the downloaded song sources or a faulty TF card. Please replace with a functional TF card for use.


15: Operation for Setting the Running Time


Lightly press [] or [LOCK SOS] to activate the clock display.

Push [] back for an extended period to make the hour digits flash. Adjust the hour by pushing [] left or right.


Push [] back again to make the minute digits flash. Adjust the minute by pushing [] left or right.

Push [] back once more, and adjust [] left or right to select the time format: 12HR/24HR.

Push [] back for the final time to confirm the clock adjustments.


Alternatively, you can enter the APP mode for one-click time correction. Lightly press [ Time Service] to quickly adjust the current time.


Reminder: In the “12Hr” time format, the LCD displays “AM” to represent morning hours and “PM” to represent afternoon hours.


In the time display state, you can push [] back to switch between time display and happy face 1/happy face 2 display, changing the interface accordingly.


16: Method for Setting Scheduled Power-On/Alarm



Lightly press [] or [LOCK SOS] to activate the clock display.

Long Push [] forward. The alarm symbol will flash on the LCD along with the hour digits.

Adjust the alarm hour by pushing [] left or right.

Push [] forward again. The alarm symbol will continue to flash, and the minute digits will also flash.



Adjust the alarm minute by pushing [] left or right.

Push [] forward once more, and adjust [] left or right to select either “PWR” for scheduled power-on or “BUZZ” for scheduled alarm.


After making your selection, push [] forward once more to confirm.

Difference between selecting “PWR” for scheduled power-on and “BUZZ” for scheduled alarm:

16.1: Selecting “PWR” for Scheduled Power-On:

After pushing [] forward, the LCD will display the automatic shutdown time after power-on. Adjust the shutdown time by pushing [] left or right to select from: 10, 20, 30, 40, 50, 60, 70, 80, 90, FULL (indicating no shutdown after scheduled power-on).

Reminder: The shutdown time is measured in minutes.

After selecting, push [] forward to confirm your final choice.



Note: If the Bluetooth mode is active before auto power-on, you will need to click on the Bluetooth device to start playback after automatic power-on. The device will automatically shutdown according to the selected time after auto power-on.

16.2: Selecting "BUZZ" for Scheduled Alarm:

After pushing [] forward, adjust [] left or right to select from two available alarm sounds.

After selecting, push [] forward to confirm.

The “BUZZ” scheduled alarm: When the set alarm time is reached, the alarm sound will gradually increase in volume and ring for 3 minutes, repeating every 5 minutes.

Lightly press [] or [LOCK SOS] or adjust [] left or right to snooze the alarm.

16.3: Disabling the Alarm Function:

Push [] forward to disable the alarm. The alarm symbol  will disappear.

17: Key Technical Specifications:

Color Variants of Decorative Lights	7 types (Red/Green/Blue/Yellow-Green/Purple/Sky Blue/White)
Lighting Rotation/Flashing Speed Levels	1-9 levels selectable
Relaxation Game Types	2 options
Bluetooth Version	V 5.2
TF Card Playback Formats	Supports MP3/WMA/WAV/APE/FLAC formats
Maximum TF Card Capacity	256G
FM Reception Range	76-108MHz
FM Reception Range	FM \leq 18dB
Signal-to-Noise Ratio	FM: \geq 32dB
Static Current	\leq 50uA
Speaker	Φ 40mm/4 Ω /3W
Number of Preset Radio Stations	Up to 99 stations
Bluetooth Reception Distance	\leq 10 meters
Minimum Operating Voltage	3.4V
External Input Voltage	Direct Current: DC 5V
Lithium Battery	BL5C 3.7V 1000mAh
Product Dimensions	Length 56mm x Width 44mm x Height 72mm
Product Net Weight	226 grams

18. Precautions:

Before use, please ensure that you adhere to the following basic safety tips to ensure the safe and reliable use of the product:

- ◆ Read and understand all safety guidelines and usage information.
- ◆ When the red light on the right battery level indicator turns on, it indicates low battery. Please charge the device to avoid affecting normal operation.
- ◆ It is recommended to use a charging device with an output voltage of DC 5V/1A to DC 3A to avoid damaging the lithium battery or the device.
- ◆ If the device will not be used for an extended period, please ensure it is charged once a month.
- ◆ Do not expose this product to rain, moisture, or allow any liquid to drip or splash on it.
- ◆ Do not place this product near high-temperature heat sources, and avoid high-temperature grilling or blowing.

- ◆ Do not leave this product in direct sunlight for extended periods.
- ◆ Do not allow this product to fall, be subjected to impact, or have heavy pressure applied to it.

19: Regarding APP Connection

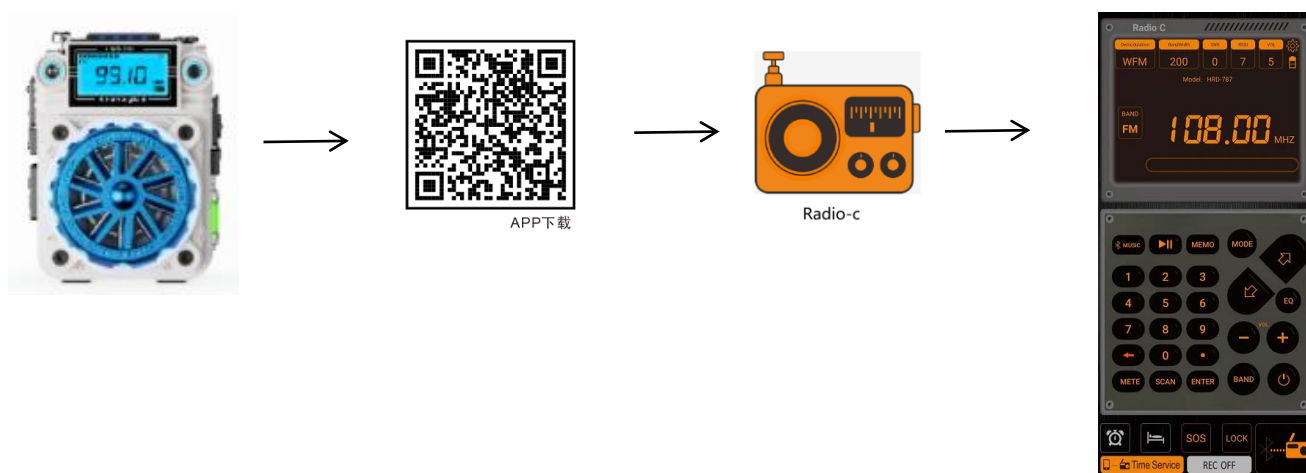
19.1 Illustration of Mobile APP Download Instructions:


Step 1: Power on the radio

Step 2: Install the APP software


Step 3: Successful installation on the mobile home screen

Step 4: Click to enter APP mode, then select “HRD-G18-BLE” and click to connect.



Exiting APP Connection Operation: In clock display mode, double-click [] continuously. The LCD will display “BLE OFF,” indicating that the APP connection has been terminated.

19.2: APP Installation

If the Radio-c  APP has already been downloaded, there is no need to download it again. You can directly click to connect to the HRD-G18-BLE name.

A: For Android and HarmonyOS phones, please scan the following QR code to install the APP.

Android and HarmonyOS phones support installation via the phone's browser to scan the QR code. For detailed instructions, please refer to [specific instructions].

Android and HarmonyOS phones also support installation using WeChat's “Scan” feature. For detailed instructions, please refer to [specific instructions].

B: For Apple devices, please visit the “App Store” and search for “Radio-CT” to download.



For Android and HarmonyOS phones, please scan this QR code to install the APP.



Apple Devices: You can search for “Radio-CT” in the App Store to download and install. Alternatively, you can scan the QR code above to access the App Store for downloading.

19.2.1: After enabling the browser to scan the installation QR code for C919, follow the prompts: click “Download,” then click “Continue Installation.” Once the installation is complete, click “Open Application.” The APP icon will appear on the mobile home screen.



19.3: Entering APP Mode for Use:






Click the APP icon on the mobile home screen to access it. Tap the symbol in the bottom right corner of the APP interface, select “Allow,” then click the symbol again. Choose HRD-G18-BLE to establish a successful connection.









Android/HarmonyOS Mobile Download Desktop Icon Apple Mobile Download Desktop Icon

19.4: FM Working Mode Key Function Introduction in the APP



Symbol	Key Function Descriptions
Demodulation WFM	FFM Demodulation Mode: WFM
Bandwidth 200	Bandwidth: 200 kHz
VOL **	Sound Level Indicator
Band FM	FM Working Reception Mode
	View Device Version
	Battery Indicator
	Radio frequency display, working mode display
	Edit frequency name: Press and hold this position, then enter the current frequency name according to the voice prompt, such as "DFM99.1MHZ - Shenzhen Longgang Radio Station," which can be manually saved
Preset **	Recall/Save Station Number
 MUSIC	Music Playback Mode Switch Key: TF Card/Bluetooth/PC
	Mute On/Mute Off
MHZ	Frequency Unit
MEMO	Recall Station: Press lightly to enter the recall mode, press [⇐ ⇨] key to select the recall symbol. Press the MEMO key again lightly to exit the recall mode
	Manually Save Radio Station: Locate the target frequency, press and hold the [MEMO] key until the "Preset" symbol flashes. Press [⇐ ⇨] to select a save address number, then press and hold [MEMO] to confirm the save
	Enter Frequency via Numeric Keys: First press the [ENTER] key, then tap the numeric keypad to input the desired frequency, and press [ENTER] to confirm, directly accessing the desired playback frequency
	Recall Key: On the numeric keypad, directly tap the saved station address number, then press [ENTER] to confirm. If "Present--" is displayed, it indicates an empty slot
	In TF Card Playback Mode, directly tap the song number on the numeric keypad, then press [ENTER] to confirm
METE	Empty Key, please ignore
SCAN	Long Press for Full Auto Search and Save Radio Stations
ENTER	Enter/Confirm Key

BAND	Toggle Radio Working Mode
	Frequency Increase, Decrease / Select Song / Save Station, Recall Station Address Selection
	Press once to activate the alarm function, press again lightly to deactivate the alarm function. Press and hold to select: Alarm Mode / Power-On Mode. Tap any of the modes to enter alarm time settings (select "Alarm" for the radio to sound when the set time is reached; select "Power-On" for the radio to turn on at the set time).
VOL + -	VOL+: Increase Volume VOL-: Decrease Volume
	Press lightly to turn on, press again lightly to turn off.
LOCK	Press and hold the [LOCK] key to lock the radio, press and hold again to unlock.
	Mobile App Connection: G18 Radio Entry Key. Press and hold for 2 seconds to exit the APP
 Time Service	Device Time Calibration Key (one-touch to synchronize the radio's displayed time with your mobile phone)
	Set the automatic shutdown time: 10-20-30-40-50-60-70-80-90 (min.) OFF: Disables the automatic shutdown time
REC	In radio mode, press lightly to initiate internal recording. Please insert a TF card into the radio before recording. Press lightly to enter recording mode, press again lightly to exit recording (recordings can be played back from the TF card).
SOS	Press and hold to emit an alarm sound, press lightly to cancel the alarm sound.









19.5: Bluetooth Working Mode Key Function Introduction in the APP



Symbol	Key Function Descriptions
pls open& connect bluetooth	Waiting for Bluetooth Connection Prompt
Bluetooth connected	Bluetooth Connection Successful
EQ	Six EQ Options: E1: Normal, E2: Pop, E3: Rock E4: Jazz, E5: Classic, E6: Country
VOL + -	VOL+: Volume Increase VOL-: Volume Decrease
MUSIC	Music Playback Mode Switch Key: TF Card/Bluetooth/PC
BAND	Toggle Radio Working Mode
↔	Select Song
▶	Play & Pause Button

19.6: TF Card Working Mode Key Function Introduction in the APP



Symbol	Key Function Descriptions
EQ	Six EQ Options: E1: Normal, E2: Pop, E3: Rock E4: Jazz, E5: Classic, E6: Country
VOL + -	VOL+: Volume Increase VOL-: Volume Decrease
	Music Playback Mode Switch: TF Card/Bluetooth/PC
BAND	Switch Radio Operating Mode
	Select Song
	In TF Card playback mode, directly press the song number on the numeric keypad and press the [ENTER] key to confirm.
MODE	Select Playback Mode:  (Sequential Play: Repeat All)  (Single Track Loop: Repeat One)  (Repeat Current Folder Songs: Repeat File)  (Random Play: Random)
	Play & Pause Key

19.7: PC Working Mode Key Function Introduction in the APP

Symbol	Key Function Description
EQ	Six EQ Options: E1: Normal, E2: Pop, E3: Rock E4: Jazz, E5: Classic, E6: Country
VOL+-	VOL+: Volume Increase VOL-: Volume Decrease
MUSIC	Music Playback Mode Switch: TF Card/Bluetooth/PC
BAND	Switch Radio Operating Mode
↔	Select Song

