



# LP-101

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USER MANUAL

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**Wintec**<sup>®</sup>  
wireless electronics

Thank you for purchasing Wintec products. Based on the innovative technology in this ever-changing environment, we have been developed many wireless products that have attract more consumers' attentions. We sincerely appreciate your interest for our products, and we suggest you read the instruction carefully. Your comment will be highly valued. Please read through the manual in order to get familiar with the device and learn the features of this model.

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## Certificate Approval

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## Safety Warning

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The following safety precautions shall always be observed during operation.

- Do not modify the radio for any reason.
- Use only Wintec supplied or approved batteries and chargers.
- To avoid electromagnetic interference and/or compatibility conflicts, turn off your radio in any area where posted notices instruct you to do so. Turn off your radio before boarding an aircraft. Any use of a radio must be in accordance with airline regulations or crew instructions.
- Turn off your radio prior to entering any area with explosive and flammable materials.
- Do not use any portable radio that has a damaged antenna. If a damaged antenna comes into contact with your skin, a minor burn can result.
- Do not expose the radio to direct sunlight over a long time, nor place it close to heating source.
- When transmitting with a portable radio, hold the radio in a vertical position with the microphone 3 to 4 centimeters away from your lips. Keep antenna at least 2.5 centimeters away from your body when transmitting.

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## Packaged Model Contents

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When you receive your radio package, inspect the shipping carton for any signs of damage. Next, remove and check the contents of the packing case to be sure that all items ordered have been included. Contents of the packing case may be different from those listed if optional accessories were ordered.

1. Radio Unit
2. Battery
3. Belt Clip
4. Rapid Charger and Transformer
5. User's manual

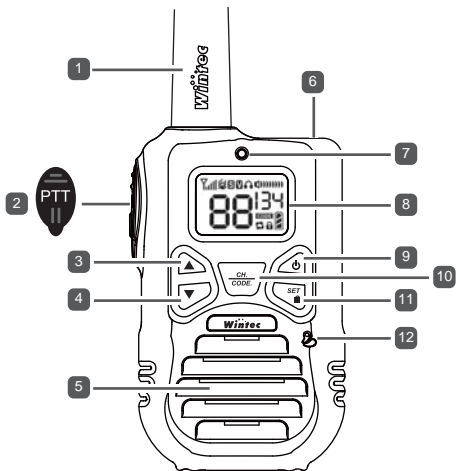
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# Radio Overview



1 Antenna

2 PTT Button(Push-to-talk)

3 Up Key

4 Down Key

5 Speaker Area

6 External Microphone Jack

7 LED Indicator

8 LCD Screen

9 Power Button

10 Channel / Code Adjustment

11 Function Key / Keypad Lock

12 Microphone



### Signal Strength

Shows the signal strength. Five bars indicate the strongest signal. The more bars of signals on the screen, the stronger the signal received.



### Scanning On

When the scan function enabled, the icon **S** will appear on the screen and flash once the signal is receiving.



### Vox On

The icon **V** will appear on the screen when the VOX function is enabled.



### Headset

The icon is lit up when the headset is connected.



### Volume

There are a total of eight levels display, and 16 levels of volume adjustment / control.



### Channel Number

Indicates the current channel.

## 134 CTCSS

51 groups in CTCSS.

### **CODE** Code Activated indication

Please refer to the table listed as below.



#### **Battery Level**

4 level indication. Shows the remaining charge of the battery capacity.



#### **Keypad Lock**

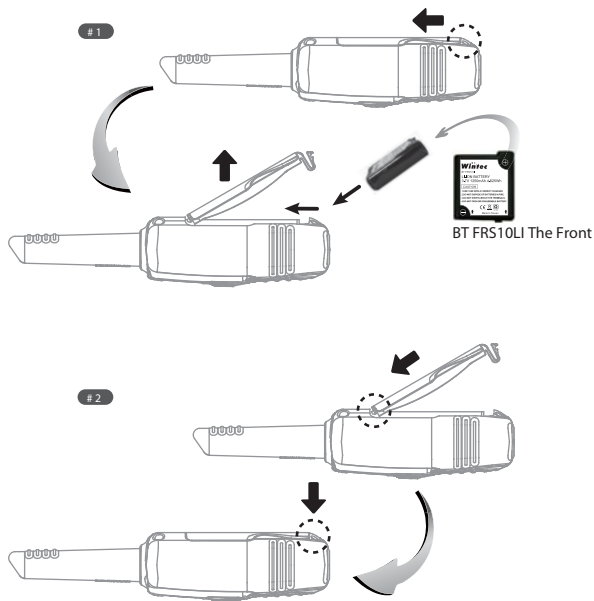
Indicates that all operations on the keypad are disabled besides PTT, unlock, volume adjustment and power button.



#### **Programming Mode**

The icon is lit up when the radio is under programming mode.

# Battery Installation



1. Press and hold the battery latch locked on the bottom and remove the case upward as in Fig # 1.
2. Place or take out AA or LI-ION battery pack into battery compartment as in illus # 1.  
(Please note that to install the lithium battery into its compartment, it needs to be put flat with front-side upward.)
3. Place the battery case from top to the button and press the case until a click sound is heard fix as in Fig # 2.  
It will lock into compartment.

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## Operation Guide

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Before operating the radio, make sure the attached battery is fully charged. When the battery level is very low, you need to recharge it before you can continue to use your radio (The radio has a battery voltage icon to show the battery status on LCD screen).

### Power On / Off

- Press and hold the power button around 1sec to power on the radio.
- Press and hold the power button around 1sec to turn radio off.

Note: When turned off successfully, the monitor will shut down and you'll hear the turn-off sound.

### Receiving / Transmitting

- Before press and hold the PTT button, please check if the LED indicator turns on green or not (Green stands for channel busy).
- Press PTT button and speak clearly with your mouth about 5cm away from the microphone. The LED indicator turns on red during transmission.
- Release PTT button when you finish speaking and receive signals. During receiving, LED indicator turns on green.

### Adjusting Volume

- Press repeatedly on Up button to adjust the volume louder; Press repeatedly on Down button to decrease the volume.
- Press and hold UP or Down button can quick adjust the volume louder or lower.
- There is a total of 16 levels display, and each adjustment increase or decrease by 2 levels.
- Adjust the volume slowly to avoid outburst of sound harmful to ears.

### Channel Adjustment

- Press CH button. While channel icon blinks, the radio is in the channel selection mode.
- Press [▲] [▼] to select the assigned channel.





- Press CH button or PTT again to set the channel and exit the channel selection.

### CTCSS Tone Adjustment

- Press twice CH button, the icon **CODE** will flash and enter the CTCSS adjustment mode.
- The Screen indicate "OF" when the code turns off above the icon . Press [▲] [▼] to enable and select the assigned tone on channel.
- When the code is set, press "PTT" , "CH" or "SET" button to jump off and return to the main page.
- There are 51 standard codes of CTCSS as below table. (Factory default is OFF)

CTCSS	1	67.0	11	97.4	21	136.5	31	192.8	41	159.8
	2	71.9	12	100.0	22	141.3	32	203.5	42	165.5
	3	74.4	13	103.5	23	146.2	33	210.7	43	171.3
	4	77.0	14	107.2	24	151.4	34	218.1	44	177.3
	5	79.7	15	110.9	25	156.7	35	225.7	45	183.5
	6	82.5	16	114.8	26	162.2	36	233.6	46	189.9
	7	85.4	17	118.8	27	167.9	37	241.8	47	196.6
	8	88.5	18	123.0	28	173.8	38	250.3	48	199.5
	9	91.5	19	127.3	29	179.9	39	69.3	49	206.5
	10	94.8	20	131.8	30	186.2	40	62.5	50	229.1
									51	254.1

### Keypad Lock / Unlock



- Hold on "SET" button for about 1 sec till  shows on the screen to confirm keypad lock is enabled.
- Hold on "SET" button again, the  disappear on the screen to disable the keypad lock function.

Note: When keypad is locked, all buttons are locked expect PTT, unlock, volume adjustment and power button.

### LCD Backlight On / Off

- Press any button to initiate the backlight and press PTT button to turn off the backlight.
- The backlight will automatically turn off after 7 sec.

## Power Adjustment

Hold PTT button and simultaneously press [▲] to expand to high power  or press [▼] to switch to low power .

## Tone Call Selection

Hold "PTT" and press "SET" button once together to sent out the tone call to other units.

## Scan Channel

- Press "CH" button, when channel icon blinks, hold [▲] or [▼] around 2 secs to perform the channel scanning.
- When performing the auto scanning, jumping of channel numbers increasingly or decreasingly indicates scan in progress.
- Scan stops when it detects a busy channel. Temporarily press any "PTT", "CH" or "Set" button will disable scan and select the final busy channel.
- The radio will only scan the channels in the list.






Note: To perform the scan function, please turn off the CTCSS code in advance.

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## Function Menu

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Press and hold P2 button to enter the function menu. Press [▲] [▼] to select the function settings.

Menu Items	Symbol	Factory Default	Option
SQL		Level 3	Level 0~ Level 7
VOX		OFF	OFF Level1~ Level 9
Tone Call		OFF	b01 ~ b10
Keypad Tone		ON	ON / OFF
Power Save		1-2	OFF / 1-1 / 1-2 / 1-3 / 1-4

### SQL Adjustment

- Adjust radio's squelch level between Level 0 ~ Level 7.
- The smaller grade to be set, the weaker signals can be detected by the speaker but the radio is susceptible to interferences.
- Level 0 means the SQL is turned off.

### VOX Adjustment

- VOX's sensitivity adjustment can be selected in OFF / 1~9 levels.
- 1 stands for the highest sensitivity; 9 stands for the lowest. That means, the smaller of the no. means the better ability to transmit the signals.


## Tone Call Selection

There are totally 11 kinds of tone call for selection. The range is from b0~b10.

## Keypad Tone

Press [▲] [▼] to enable(ON) or disable(OFF) this function.

## Power Saving Mode

- Press [▲] [▼] to enable(ON) or disable(OFF) this function. Enable power saving mode could extend radio operation time.
- There are 4 levels for options. Choose 1-4 if talk time is short for best power saving and in general 1-2 is for the proper use.
- When in the power saving mode, the icon  will be flashing on the main screen.

## Optional Accessories



**LP-10M**  
Swivel Belt Clip for best placement  
and take-out the radio



**LP-CHG 10B**  
Desktop Rapid Charger  
charging time 2hrs



**BT FR 10LI**  
3.7V/1250mAh  
Li-ion battery in the transceiver



**LP-10A**  
Earbud Headsets



**LP-10B**  
Earhook Headsets



**LP-10C**  
Air-tube Headsets



**PB 101**  
Leather Case



**WI AL10**  
Programmable Cables

Note: Pictures are for reference only and may vary from actual product. Product function shall remain the same. The above listed items are the common optional accessories for your radio. To order other accessories, please contact your local dealer.

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