



A580 Series Two way radio OWNER'S MANUAL

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Preface

Thanks for your favor in our product. To derive optimum performance from the product, please read this manual carefully before using it.

This manual applies to the following models of A580 series:

A580 V, A580 U1, A580 U4
A588 V, A588 U1, A588 U4
two way radio products.

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RF Energy Exposure Compliance

Safety of radio frequency radiation

In order to ensure the users' physical and mental health, the experts and related organization from science, engineering, medicine, health, and industry jointly make the standards and guidelines of radio frequency radiation. As follows:

- United States Federal Communications Commission, Code of Federal Regulations; 47CFR part 2 sub-part J.
- American National Standards Institute (ANSI) / Institute of Electrical and Electronic Engineers (IEEE) C95.1-1992.
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998.
- Institute of Electrical and Electronic Engineers (IEEE) C95.1-1999 Edition.

The supervision requirements of Federal Communications Commission

According to the supervision requirements of Federal Communications Commission, this product must comply with radio frequency radiation limits of the Federal Communications Commission, otherwise, it is not allowed to sell on American market. The Manufacturers are required to inform the user of the matters needing attention by the way of posting label on the product, in order to improve the awareness of radiation protection.

Control and operation of radio frequency radiation

In order to derive the optimum performance of the radio and ensure the compliance with the standards of relevant traditional limit requirements, the sending time shall not exceed 50% of the rated factor, and it needs to comply with the following instructions:

- Generate the RF energy radiation only in transmitting (talk). Reception (listening) and standby both won't generate.
- The distance between the terminal and body must be maintained at least 2.5 centimeters when transmitting.

User Information

- Government law prohibits governmental jurisdiction within the scope of unauthorized use of radio.
- Illegal operation will be subject to fines or arrest punishment.
- Repair only by trained professional and technical personnel.
- Security: Users need to know and understand the use of radio.
- Note: The pictures presented in this manual are only for reference!

⚠ Note

Please observe the following precautions to prevent fire, personal injury and damage to the radio.

- Continuous using radio long time or at high power transmit mode will cause the heat of the back of terminal.
- In any case, do not dismantling the unit. Do not let the terminal by prolonged direct sunlight, and do not use the radio near the heating device.
- Do not put the radio on extremely dusty, damp and splashing water areas, and also on the uneven surface.
- If you find any unusual smells or smoke from terminal, you should immediately remove the battery, and contact with the local Samhoo dealer.

Instructional Icon

The following icons are available through this manual:

- ⚠ Caution: Indicates situations that could cause damage to your radio.
- 💡 Note: Indicates tips that can help you make better use of your radio.
- * Asterisk: Indicates the currently restricted function.

Term Explanation

Key operation

Short press: To press the key and release it quickly; Long press: To press the key and remain holding it down about a period of 1.5 seconds; Hold down: To press the key and remain holding it down.

Group call

Group call is initiated by a single user to a group, involving the calling party and all the group members.

Emergency call

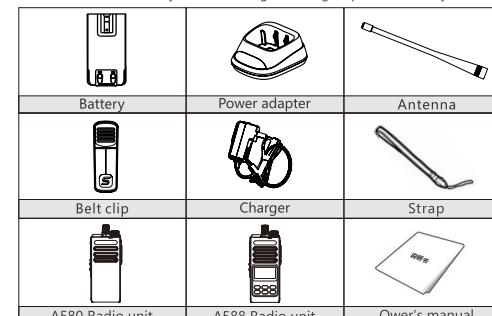
Emergency call is the highest priority call. It is used to call for help to the companion or the control center in an emergency situation. The general set is group call form. If initiating an emergency call, any non emergency calls can be interrupted.

Conventional mode

Under conventional mode, Simplex communication can be carried out directly between the terminals without network limitation. But user cannot use the functions that need network support.

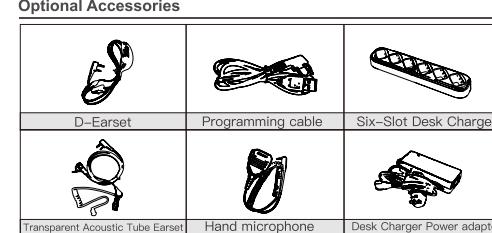
Checking Items In The Package

Please unpack carefully and check that all items listed below are received. Radio item is A580 or A588, if any item is missing or damaged, please contact your dealer.



💡 Note: 1. The frequency band of antenna is marked on the label of it, if not, please refer to the label on the radio unit for frequency band information;
2. The pictures presented in this manual are only for reference!

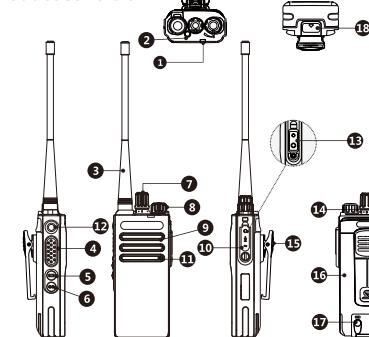
Optional Accessories



💡 Note: If you need to know more information about the optional accessories, please contact us.
In order to ensure the normal operation of the machine and the user's personal safety, be sure to select the right accessories.

A580 Product Overview

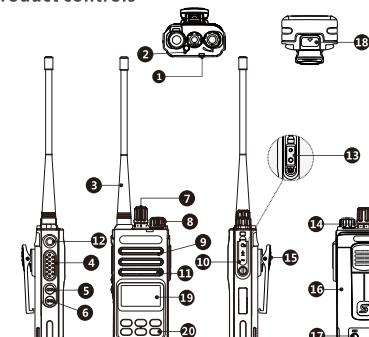
Product controls



NO.	Part Name	NO.	Part Name
1	LED Indicator	2	Emergency Call Key
3	Antenna	4	PTT Key (transmit key)
5	SK1 (Battery strength broadcast)	6	SK1 (Safety flashing light ON-OFF)
7	Channel Knob	8	Radio ON-OFF/Volume
9	Speaker	10	Accessory Jack Cover
11	Microphone	12	Safety flashing light
13	Accessory Jack	14	Strap Hole
15	Belt Clip	16	Battery
17	Battery Pole Piece	18	Battery Latch

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19	LCD Display	20	Function Keypad

Programmable keys

[Sk1] key, [Sk2] key can be set as function menu shortcut keys by your dealer. You only need to press the corresponding shortcut key to quickly access the needed menu or function.

 SK1 A580: The default short press state of Battery strength broadcast.
 A588: The default short press state of Scan ON-OFF.

 SK2 The default short press state of Safety flashing light ON-OFF.
Press 1 time for constant brightness;
Press 2 times for flashing;
Press 3 times for closing.

LED indicators

The LED indicator on top provides you with the information of the current operation status of the radio.

Handheld terminal status	Indicator status
Transmitting the call	LED glows red
Receiving the call	LED glows green
Phone call	LED glows red on both sides
Channel is idle	LED flashes green slowly
Channel is busy	LED glows orange

Before Use

Charging the battery

■ Charging operation steps

Please only use the charger and battery specified by Samhoo; the indicator of the charger can show the charging progress.



- As 1 shown, connect the power adapter to AC power socket and the jack at the back of the charger.
- As 2 shown, insert the battery or the radio with battery into the charger, and make sure the contact between the battery and charger is good.
- The charging process initiates when the indicator glows red.
- When the indicator turns green, it indicates that the charging is finished.

The charging time for the standard battery normally takes about 3 hours, for optimal battery performance, the first charging time should be up to 5 hours.

■ Charger LED indicator and charging status

LED indication	Charging status
LED flashes red and green alternatively	Standby(not loaded)
LED glows red	Charging status
LED glows green	Fully charged