BOXCHIP

BOXCHIP S900A RADIO

S900A UHF: 400-470mhz
S900A VHF: 136-174mhz

Quick Start Guide

BOXCHIP

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Thank you for purchasing the BOXCHIP S900A radio. This quick start guide will talk you through the basic features and functions of your new S900A radio.

BOXCHIP S900A Overview

SOS key

Multi-function knob
- Press and Hold: Turn the radio on/off
- Press: Sleep / wake
- Turn: Change channel / group

Smart key
- Press: Switch between DMR / Anolgue and PoC PTT key access.

Antenna

LED status light
- Blue (Breathing): Smart key in DMR mode
- Blue (Solid): Transmitting
- Green (Solid): Receiving

PTT Button

Volume button

M6 Port
- External remote micro speaker
- PTT earphone

Camera key

Back button

Enter button

Home button

Standard Included accessories:

- 1x Antenna (Model Dependent)
- 1x 3.8v 4500mAh Battery
- 1x USB C Cable
- 1x USB Charger
- 1x Belt Clip
- 1x SIM Card cover tool

S900 Series Antenna

The BOXCHIP S900 series have three antenna styles depending on the radio model.
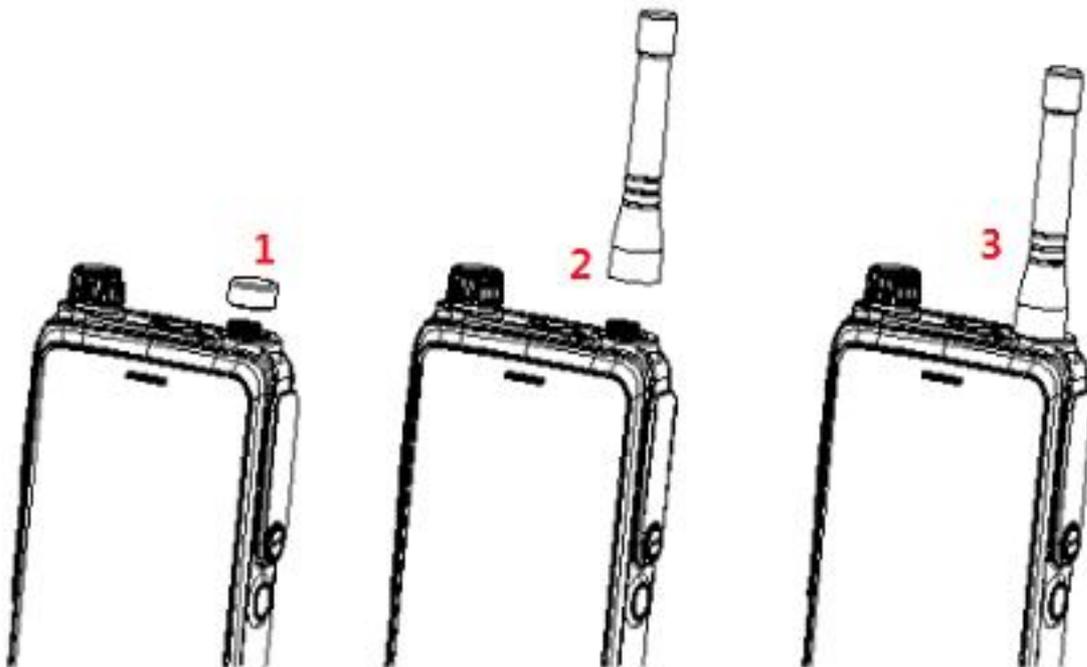
- **S900A UHF**: 400-470mhz Antenna
- **S900A VHF**: 136-174mhz Antenna

  S900B: Short Antenna

S900 Series Antenna Installation

Installing the BOXCHIP S900A antenna is as simple as screwing it on. Simply place the antenna on top of the SMA connector and screw clockwise.
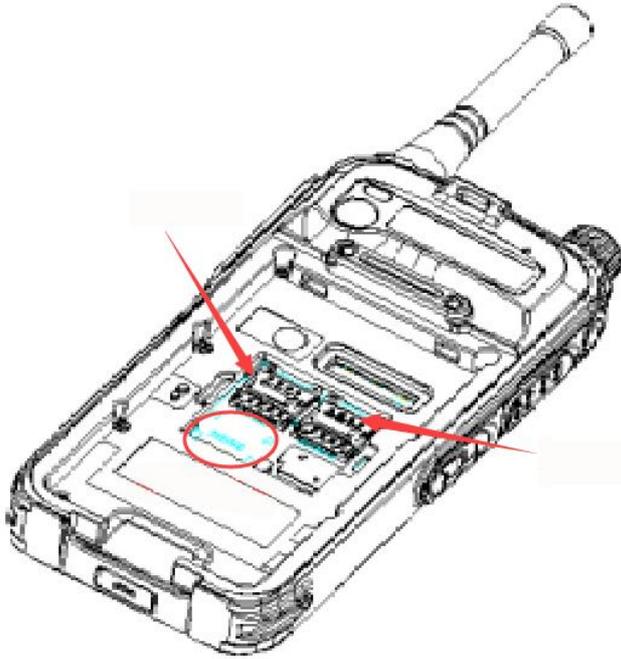
Please Note: Once you start to feel resistance stop - **do not over tighten.**

Dual SIM Card and Memory Card Installation

Step 1: Remove the battery if pre-installed. (Follow the battery installation and removal procedure below if you are unsure how to do this)

Step 2: Locate the black silicone cover which is located in the middle of the device.

Step 3: Insert a small tool under the notch located to the left hand side of the silicone cover and pry it off.

Please note: The silicone cover can be a little tough to remove as it forms a waterproof seal protecting the internal electronics.

Step 4: Install the SIM card and/or memory card by sliding the retainer to the 'open' position (as marked) and insert the SIM/memory card. Once inserted simply slide the retainer to the 'locked' position.

Step 5: Reassemble by pushing the silicone cover back into place and sliding the battery back on.

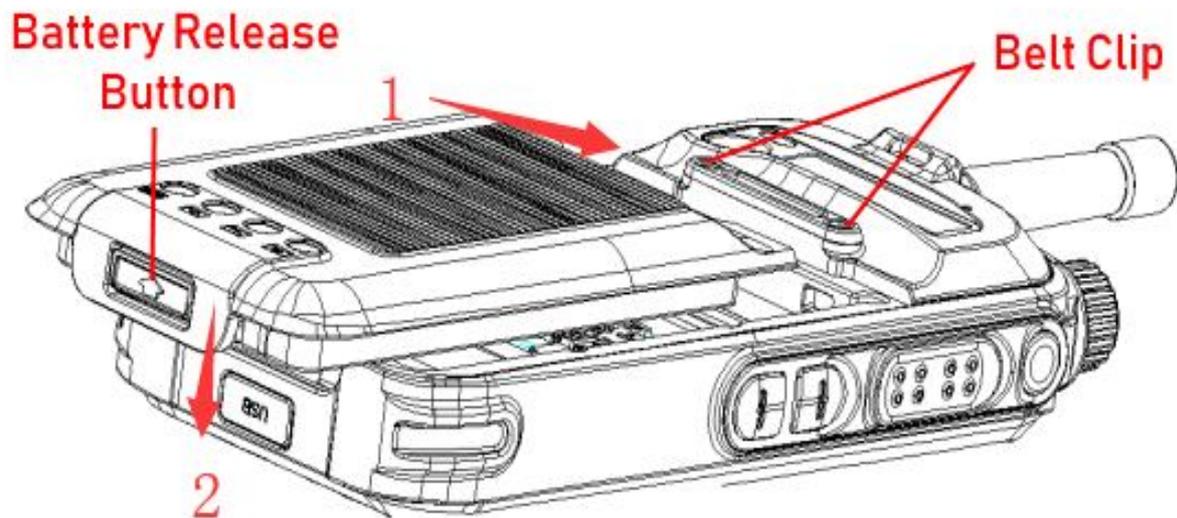# Battery Installation / Removal

Battery Installation Procedure

Step 1: Slide the top tabs of the battery into the corresponding indents on the back of the radio housing
Step 2: Press down on the lower area of the battery to lock it into place.

Please Note: You will hear an audible click as it locks in place.
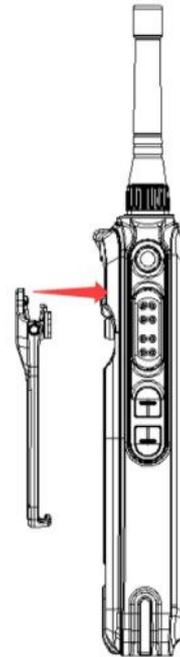
Battery Removal Procedure

Step 1: Press and hold the bottom " ⇧ " button on the battery while simultaneously lifting from the base of the battery.

Step 2: Slide the battery out towards the base of the device.

Belt Clip Installation (If Required)

Step 1: Place belt clip on top of the 2 corresponding belt clip installation holes at the rear of the device (just below the camera and BOXCHIP logo).

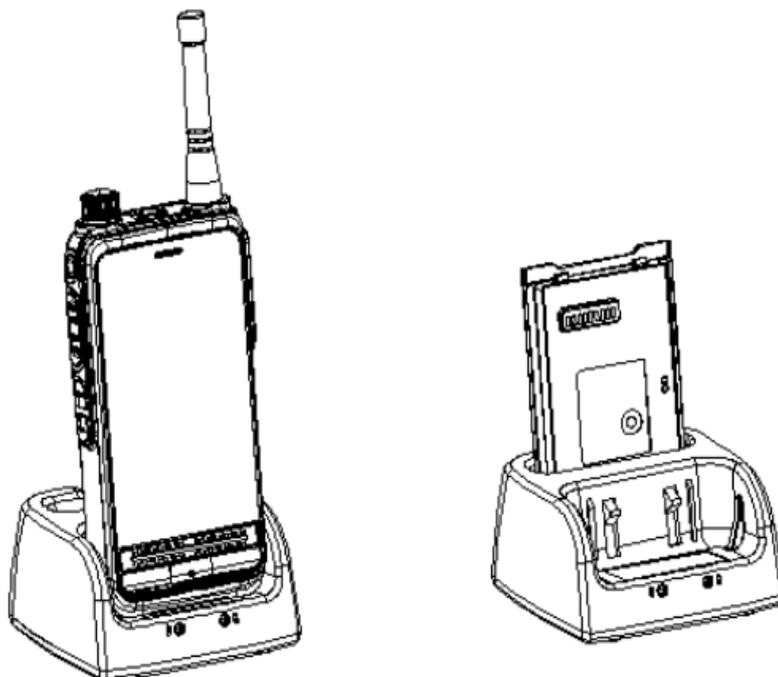**Step 2**: Screw both screws in but do not over tighten.

Dock Charger (Optional Accessory)

Step 1: Plug the appropriate USB C cable into the back of the dock and into the USB wall charging socket.
Step 2: Slot the S900A or battery into the dock as picture.

Important: Please read the information label at bottom of the dock before charging for the first time.

What do the Different LED States Mean?

State in DMR Mode	LED Indication
PTT button is in DMR mode	Breathing Blue
Warning	Quick Blinking Blue
Error	Solid Red
Idle	Breathing Blue
Transmitting (TX)	Solid Blue
Transmission Inhibit/Failure	Quick Blinking Blue
Receiving (RX)	Solid Green
Hang Time Keeping	Breathing Green
Activity Over The Air Detected	Blinking Green
Emergency	Quick Blinking Blue

BOXCHIP BiMR

BiMR is BOXCHIP*'s* powerful proprietary DMR and Analogue Software that allows you to receive or transmit utilising the devices built in VHF or UHF radio.

Configuring the BiMR / BPS Software

To configure your new radio simply download and install the BPS (BOXCHIP Programming Software) on your home computer or mac. The BPS software can be found by visiting the official BOXCHIP website: **www.boxchiptt.com**.

Please Note:
You can find the complete BPS user guide within the BPS software installation folder.
Please read this before programming your radio.

BiMR Icons

Icon	states
DMR **ANA**	Channel type: DMR or Analog
Hi **Lo**	High Power or Low power
.ıll **✕**	signal of DMR

RMO **DMO** **TLK**	DMO（direct mode operation） RMO（repeater mode operation） TLK（talk around mode)
O⎯	encryption
A **B**	time slot A, time slot B(only for DMR)

What PoC Software can be used with BOXCHIP Devices?

For the very best BOXCHIP PoC experience we can confirm full compatibility with the following PoC providers:

      Eschat
      Tassta
      Walkiefleet
      Mobiletorando
      Proptt2
      Realptt.
      Zello (lacks SOS functionality due to software limitations)

More Information

If you require a little more information why not check out our online guides and videos or join the thriving BOXCHIP community - which is free to join!

Instructions / Downloads

To download the latest instructions, firmware or software please visit the link below or scan the QR code.

https://boxchiptt.com/

Accessories

To buy accessories or check out the very latest devices from BOXCHIP please visit the link below or scan the QR code.

https://boxchiptt.com/collections/network-radio

Youtube

For in-depth device reviews and more, check out our latest videos on Youtube.

https://goo.gl/E69wVo

Facebook

Join our online community and stay connected with the latest boxchip news, updates and more. Feel free to share your experiences and suggestions or even just connect with members from around the globe.

https://www.facebook.com/groups/boxchip/

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COMMUNICATIONS. WE ARE COMMITTED TO USING TECHNOLOGY TO CHANGE

THE RELATIONSHIP BETWEEN PEOPLE AND TECH.

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