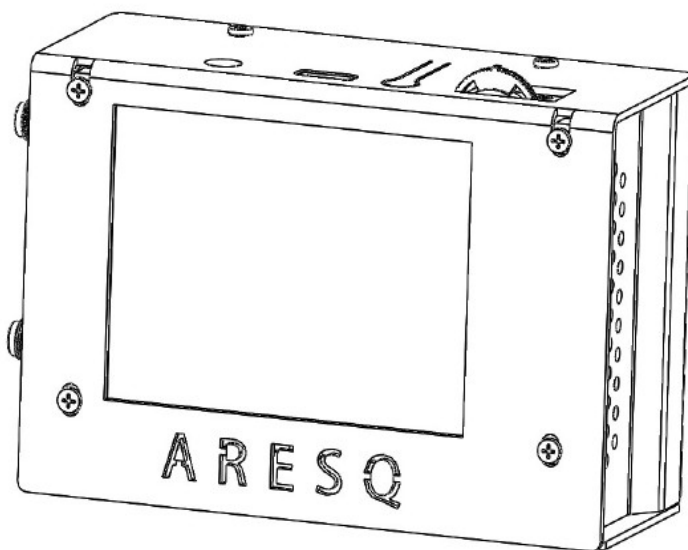


ARESQ AQ1 FM/LW/MW/SW-SSB DSP Radio



Model: ARESQ AQ1

FM:64-108 MHz

MW:522-1620(520-1710)kHz

LW:153-513kHz

SW:1711-29999kHz

Battery:3.7v 18650 2500mAh

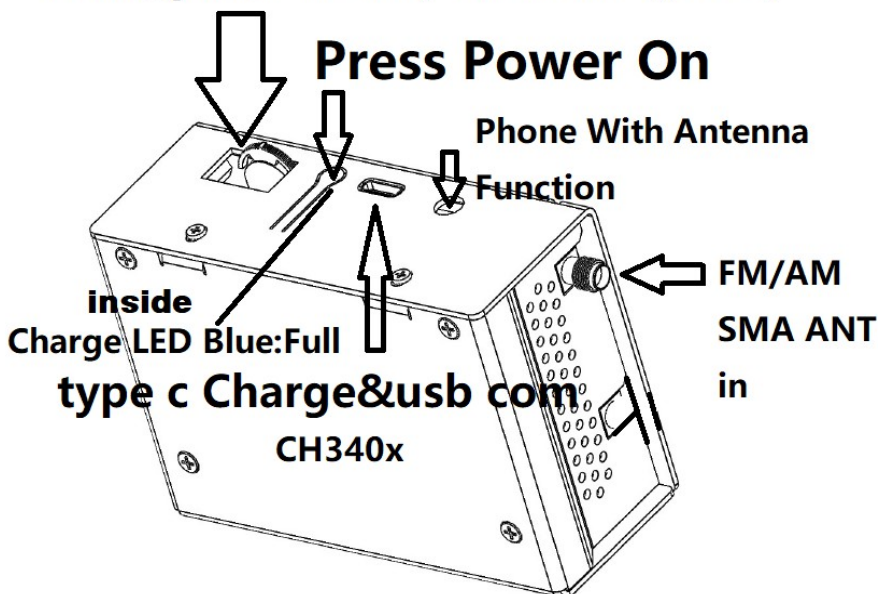
DC in: type c @5V 1A Max

HW:2.8inch 9341 spi touch xtp2046

MCU is ESP32 si4732 pam8406

ARESQ AQ1 FM/LW/MW/SW-SSB DSP Radio

FREQ/Vol Rotary encoder (press)



Touch Screen Button Functions:

HAM-Select ham band 10M-630M

BAND-Band Select FM LW MW CB SW 11M-120M

FREQ-Freq input Then Press OK X Exit

BFO-Enable On HAM band +/- 975Hz Max (frequency deviation Adjust) or Long Press Encoder

STEP-100K/10K on FM 1k/5k/9k/10k on AM/MW/SW 1k on USB/LSB Ham Band

ARESQ AQ1 FM/LW/MW/SW-SSB DSP Radio

BANDW-SSB Filter 0.5/1/1.2/2.2/3/4khz

AM Filter 1/1.8/2/2.5/3/4/6 Khz

MODE-LSB/USB/AM/CW

AGC-Auto Gain Control ON/OFF

OFF-Power OFF the Radio

VOL-Volume set 0-63 50-60 is better

RETRO-Old Radio Theme

MEMO-75 Memory BANK EDIT ADD DEL

Click to Select FREQ in Memory

SETUP-Vertical screen/Bright Disp power (10 min power save mode off screen)

>>**UP**-Freq scan UP and Down

LIGHT-Back Light 0-100% when save 0% you can't see anything,Long Press Encoder then Press Power On to Slove

SCAN-frequency spectrum scan mode

CHIP-Firmware Information

INFO-Software version v3.4 Mode freq RSSI

SNR Power Supply EEPROM SIZE

Add Follow GPIO for AQ1 HW

27 Mute | |LOW is Mute conn PAM8406 | | Change for AQ1

26 PWR_K| |Power Key Input Press is LOW | Add for AQ1

13-ONOF_MOS |When Power On Keep High to Let Pow On | Add for AQ1