

MINI600 Antenna analyzer



Specification:

Frequency Range: 0.1-600MHz

HF/VHF/UHF continuous coverage HF/VHF/UHF(FM)

In/Out Impedance: 50

Measurement Parameters: SWR, R, +Jx, -Jx, |Z|, Returnloss

Measurement Mode: Single point measurement, Scanning (Frequency Sweep), and TDR Mode

SWR Measurement Range: 1.0-1999 (Single Point Mode), 1.0-20.0 (Scan Mode)

Display Modes: Numerical display, curve display, smith chart

Connector Type: UHF N-type connector N

SMA OPEN-SHORT-LOAD Calibration Kit x 1

LCD size: 480x272 4.3" TFT LCD display

Touch Screen Type: Capacitive

All capacitive touchscreen on the display – no buttons are needed

Power Source: USB or Internal Li-ion

Built-in Li-ion charging circuitry and DC-DC booster

Maximum charging current: 5V/1.5A

External Storage Method: TF card

Dimensions: 133·85·29 mm Does not contain prominent ports.

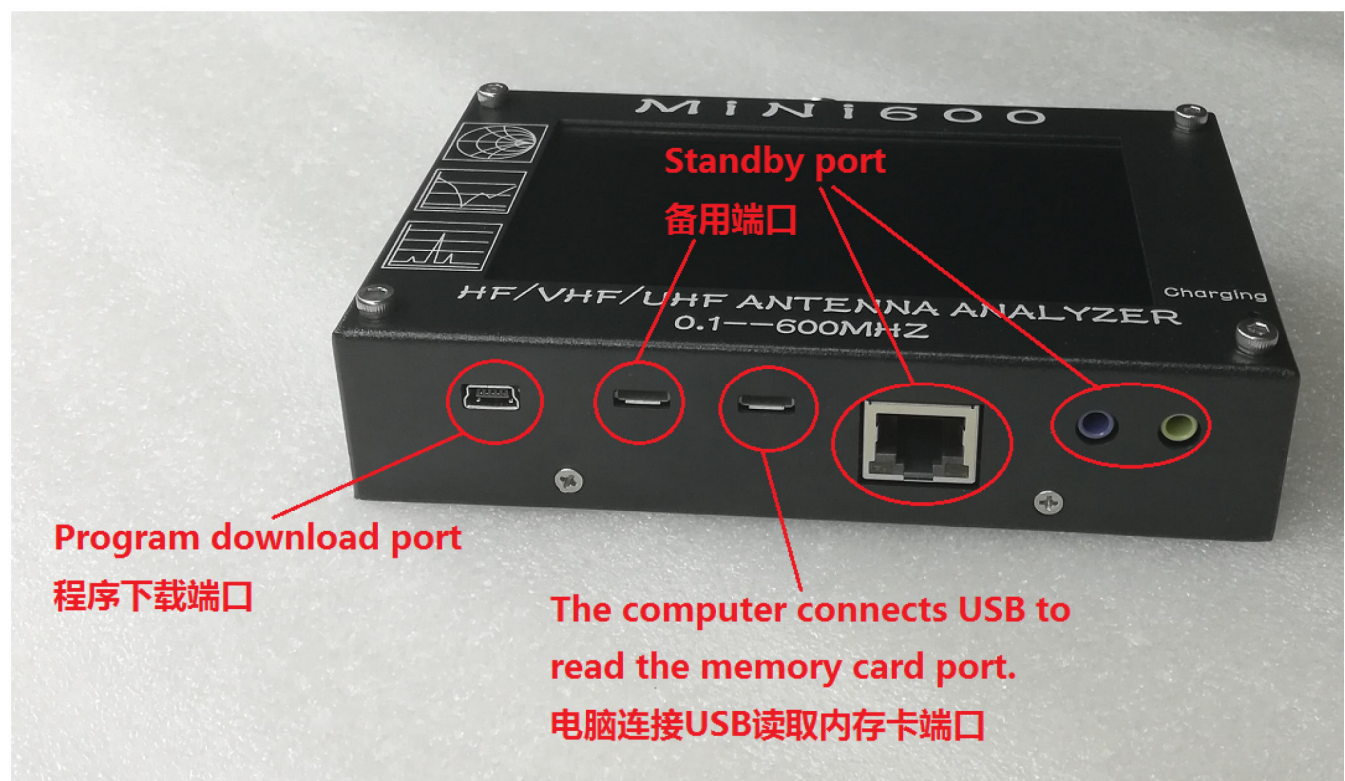
Weight: 550g

Warning: if the product has parameter changes, the actual test will prevail.

Package Included:

1 x 2018 New 0.1-600mhz HF/VHF/UHF Antenna Analyzer Capacitive Touch Screen

Port specification

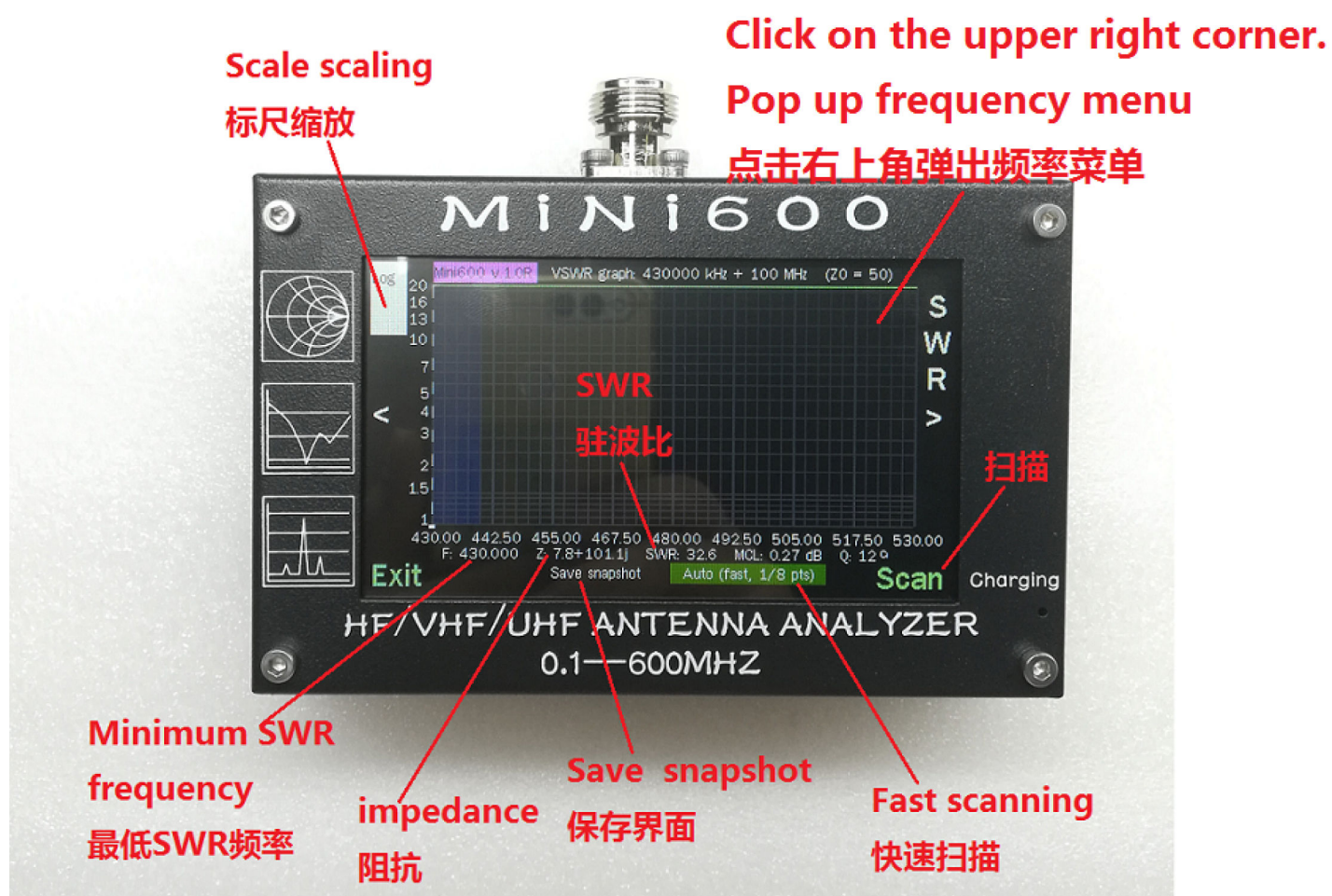


Main menu



Panoramic scan
Measurement
Generator AM, FM
Time Domain
Multi SWR
Setup
Find Frequency
Tune SWR/Sound
View Pictures
USB HS cardrdr usb

1. Panoramic scan



2.Measurement



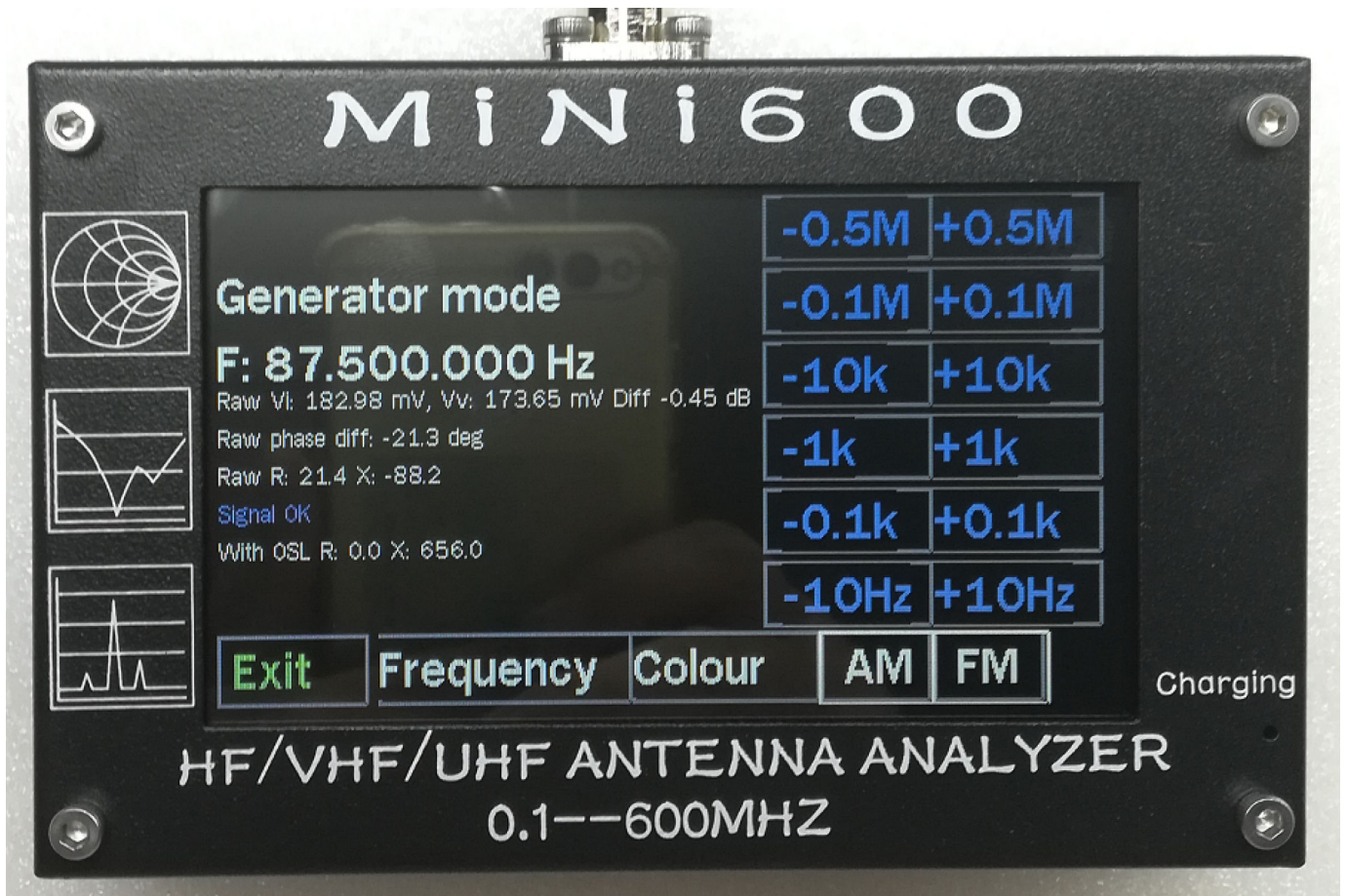
The buttons on top of the screen, the frequency can be changed stepwise. Set Frequency leads to the frequency selection

window as in Panoramic scan , The outlined area with the SWR display also includes the values of equivalent series

connection of the measured impedance. Touching this area switches to the equivalent parallel circuit:

Tapping the Smith chart shows the dimensioning of the 2 possible LC matching networks in order to transform the measured impedance to 50 Ω :

3. Generator AM, FM



Color changes the screen colors

AM modulates the carrier at 500 Hz

AM 500HZ

FM causes a frequency shift of ± 150 Hz with 500 Hz

FM 500HZ , -+150HZ

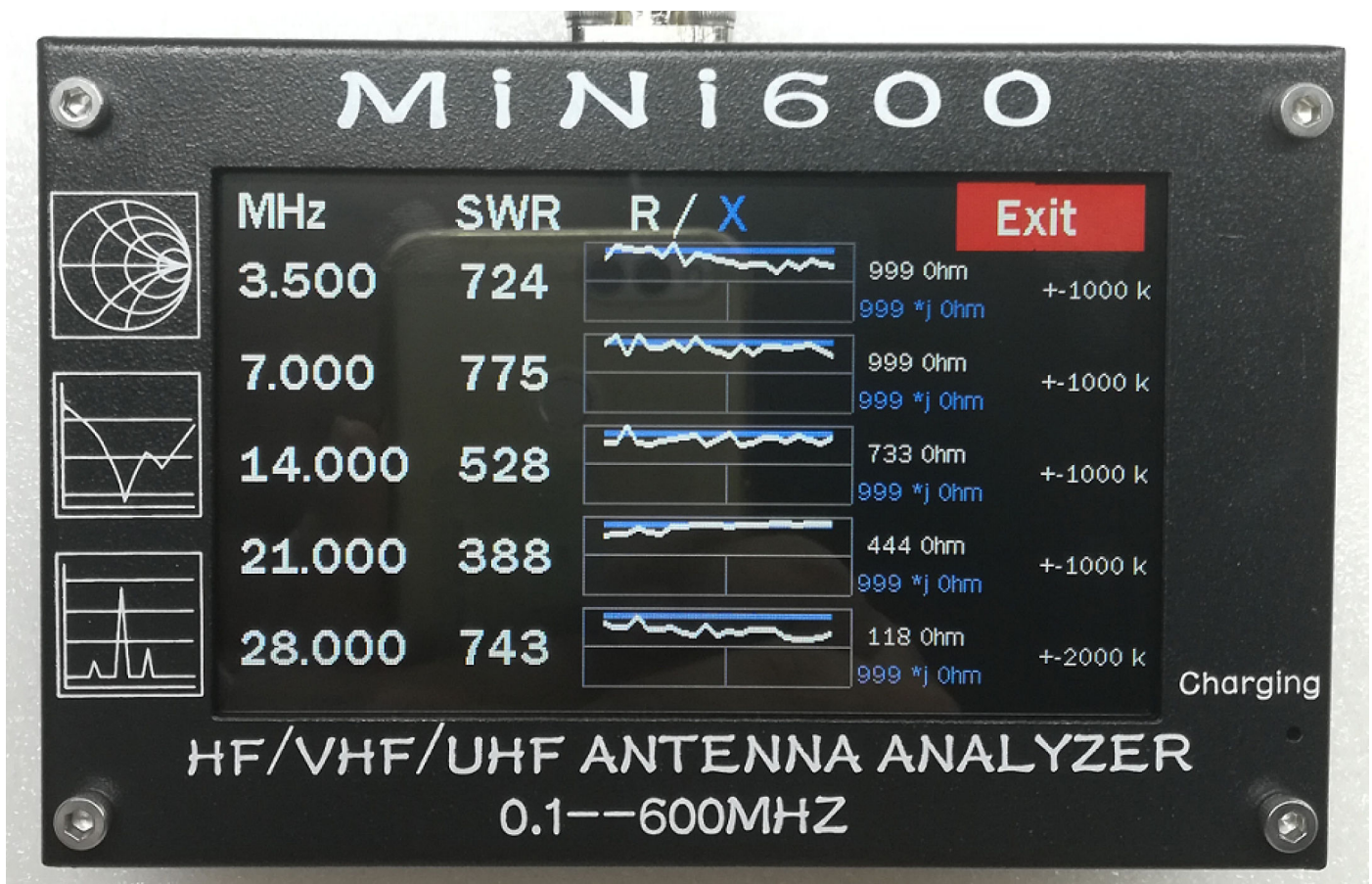
4. Time Domain



Cable Length

To determine the electrical length of cables or to locate cable faults. The cursor is automatically at the point of maximum discontinuity. The velocity factor can with CHF. Vf be changed. Store volatile stores it only for current measurements, Store permanently however, permanently.

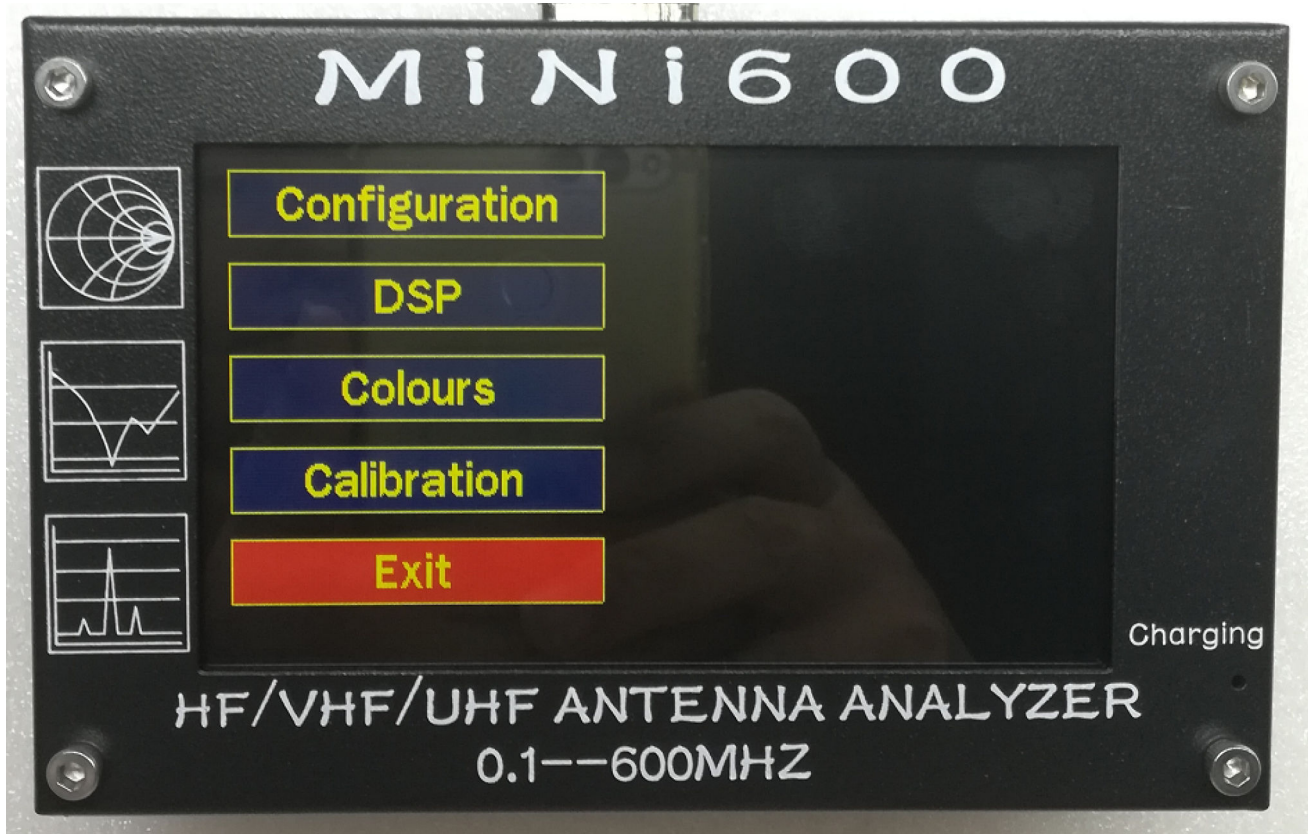
5.Multi SWR



Changing or adding positions: tapping the frequency respectively of an empty field.

- Delete a location: Touch-frequency field and in the frequency menu Cancel choose
- The selected frequencies are stored.

6.Setup



Configuration

DSP

indicates the noise level at the input of the controller board.

Colors

Changing screen colors.

Calibration

OSL Calibration

The OSL required test resistors: 0 Ω (short circuit), 50 Ω (reference impedance), fire plugs (idle).

5R , 50R, 300R

7.Find Frequency



automobile : Continuous scan on / off

Frequency : Choice of frequency and scanning

test : 3.5 MHz generator on /
3.5MHZ

Spectrum : Spectrum display on / off

8.Tune SWR/Sound



Single SWR measurement
Some features are not open

9.View Pictures



View screenshots

10.USB HS cardrdr usb



Connecting USB to the computer, you can view memory card information.

USB

Warning:

If the software is modified,

No further notice.

Taking product physical property as the criterion.