Battery Tester With Color LCD Display MDXT-600
User Manual

Thank you for purchasing our battery tester , please read this manual carefully and save it for reference before using !

MDXT-600 battery tester is our newest version with color LCD Display. And it has a feature of review the latest 20 groups data. With the world's most advanced conductance testing technology, it can easily, quickly and accurately measure the actual cold cranking amps capability of the vehicle starting battery, healthy state of the battery, which can achieve quick vehicle repair.

Product specification:

1. Application：12V batteries and 12V&24V car system test
2. Measure Range：

Measure Standard	Measure Range
CCA	40-2000
BCI	40-2000
CA	40-2000
MCA	40-2000
JIS	26A17--245H52
DIN	40-1400
IEC	40-1400
EN	40-2000
SAE	40-2000
GB	3-220Ah

3. Working Environment Temp:-18℃-50℃
4. Special test clip：Double conductor Kelvin clamp
5. Housing Material：Acid-resistant ABS plastic
6. Measure Range: 3-220Ah
7. Voltage Measure Range：7-30VDC

Main functions:
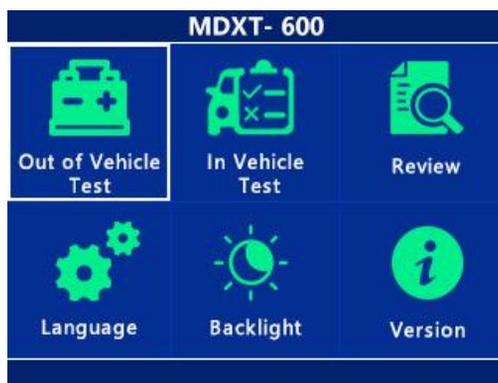
According to the tester, you can press UP/DOWN key to choose:
① Out of Vehicle Test
② In Vehicle Test
③ Review
④ Language
⑤ Backlight
⑥ Version

How to use:

1. CONNECTION
Connect the red test clamp with battery anode and the black one with cathode, the tester will power on automatically. Voltage battery below 7.0VDC can't be tested properly, then press ENTER key to continue.

2. OUT OF VEHICLE TEST
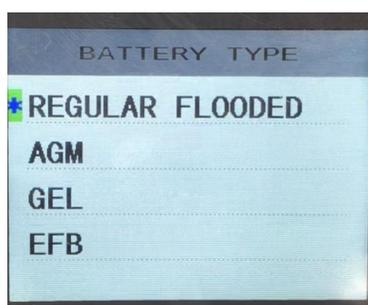
1).Select the battery type   2).Input rate capacity   3).Battery test result

Battery Test

3. IN VEHICLE TEST

TEST RESULT	
GOOD BATTERY	
HEALTHY 100%	785A
CHARGE 100%	12.66V
INTERNAL R	3.81mΩ
RATED 550A	CCA

Battery Test

CRANK ING TEST
CRANK ING V NORMAL
CRANK ING TIME
2257ms
11.52V

Cranking Test

CHARG ING TEST	
CHARG ING V NORMAL	
LOADED V	13.92V
UNLOADED V	14.30V
RIPPLE V	10mV
RIPPLE V	OK
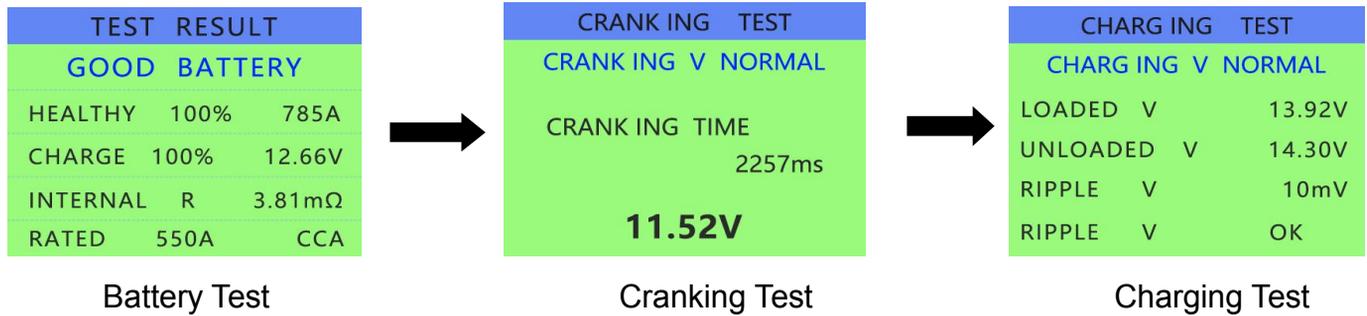
Charging Test

Notes:1). If you only want to check battery healthy, choose Out of vehicle test function
2). Cranking and Charging System Test, choose In vehicle test function

4. REVIEW
Choose Review and press ENTER, you can see 20 groups of data

DATA 16	
GOOD BATTERY	
HEALTHY 91%	555A
CHARGE 98%	12.59V
INTERNAL R	5.37mΩ
RATED 580A	CCA

5. LANGUAGE
English, French, German, Spanish, Italian, Portuguese, Russian

Notes:1). Other languages can be customized

6. BACKLIGHT
Choose IN THE ROOM or OUTSIDE, the backlight can be adjusted automatically.

BACKL IGHT SET
IN THE ROOM
OUTSIDE
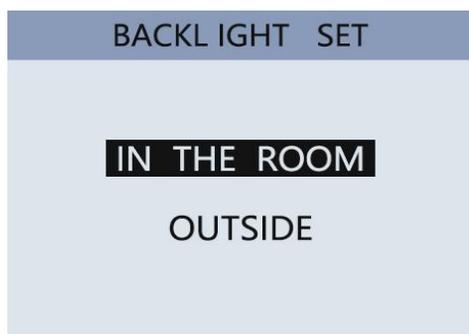
After-sale warranty

1.One Year warranty
2.The product passed CE, RoHS certification with quality and safety assurance
3.Add: 55# Gangda Avenue, North Section, Modern Industrial Port, Pixian, Chengdu, China
4.website:www.lancol.com