# JMD Handy-Baby User Manual

## Car Key Programmer 8.3.0 Version

King Chip =
JMD6(46)+JMDD(4D/4C)
+JMDG(G)+T5


F-JMDG (G chip)

C-JMD6( 46 chip)

F-JMDD( 4D chip)


Handy Baby KeyProgrammer

A-JMDA01
Audi-754C

A-JMDA02
Audi-754J

A-JMDB
Audi-8E


OBD Assistant by VW

F-JMD8( 48 chip)

**Directly copy another key and support all key lost solution(JMD Chip,46, 4D, 48, G)**

**Language:**
**English/Spanish/Portuguese/Russian/Chinese/Arabic/French/Turkish/Italy/Vietnamese**

**Products list:**

1. **Handy Baby**
2. **Assistant OBD2 adapter (Audi / VW / Skoda) copy**
3. **King Chip ( Instead of C-JMD6 (46) , F-JMDD (4D) , C-JMDG(G) , and including 4C / T5 chips)**
4. **C-JMD6 is 46 chip**
5. **F-JMDD is 4D chip**
6. **F-JMDG is G chip ( 40 and 80 bit DST)**
7. **C-JMD48 is 48 chip**
8. **Audi Remote board**
   **A- JMDA01 is Audi half-smart remote board**
   **A- JMDA02 is Audi Smart remote board**
   **A- JMDB1 is Audi Fold key 8E chip**
9. **JMD Client Software 3.5.0 could make more function (dump eeprom all key lost)**

**New Update handy baby 8.3.0 version and assistant 6.0.0**

**Notice:**

1) Handy Baby for G chip function need extra fees to open. If you need G chip Function, Please send SN and PASSWOARD to us after you get it, and we will activate it for you.

2) This Device can't work together with CN1 or CN2 Chip, need to work with specially designed Handy Baby 4C/4D Chip and Handy Baby ID46 Chip. Special chips (C-JMD6(46), F-JMDD(4D), F-JMD8(48), F-JMDG(G chip)

3) Update Free Online on Official Website

4) We are sure Fo-rd (80bit) which made in China can be copied, but we are not sure Fo-rd in all the countries can be copied, so it may decode fail. Locksmiths from Europe success in copying For-d( 80bit)

5) We Only have red colour in stock now.

**Software V8.2 functions:**

(1)Handy Baby upgrade 8.2.1:

.Hyundai and kia motors decoding for password 46 smart card

.PCF7938 UID write command(just for JMD chip)

.Add identify Changan CS75 8A chip read

.Add F-JMDD(4D)Transfer to another chip function

.Add Zhonghua Car 48 chip generator

.Add DST80 bit password page edit function

.Add F-JMDG generator empty(Blank) chip

Add EEPROM immobilizer data write:

.Kia/Isuzu/Geely/Alpha Romeo/Kawasaki motorcycle/SEAT/Mitsubishi/Jaguar/Dodge/Skoda/ Dacia/Peugeot/Fiat/Lancia/Chrysle/Geep/VM/Toyota/Lexus/Opel/Hyundai/Buick more and more EEPROM.

JMD Assistant upgrade:

.VM for Brazil 4 the generate(add VM FOX/GOL/UP ....4th Copy)

.VM Sagitar 3.5th unlock

(2)The new ID46 transponder is on sale, and you need to upgrade your HandyBaby to at least version 8.2.0, or it can't write with HandyBaby, and it read as C-JMD6A, when you buy chips, be careful about the fake chips(package with plastic), it can't write by HandyBaby.

**Software V8.0 functions:**

(Users can download update in Official website)

1) Able to simulate 46 chip

2) Able to identify 47 (Hitag 3) empty chip, read/write on single password mode.

3) Able to identify 47 (Hitag 3) chip A/G key

4) Add more key chip subdivision (Hi-tag AES, Hitag Pro,etc.)

5) Able to generate 46 chips for Su-zuki, CHANG-HE (Support generating original 46 chips)

6) Able to generate Ho-nda 47 (Hi-tag 3) chip

7) Able to copy V-W 4 48 chips (need JMD Baby Assistant Adapter)

**Software V7.0 functions:**

1) Able to simulate the 4D chip including 4D60/61/62/63/64/65/67/68 /6A/6B/71/60 Plus/ 63 Plus/ 72G

2) Read more types of transponder

3) Able to generate for G-M ID46;

4) Fix the known bug;

5) Able to process the immo data:

Great Wall transportation 46 immo, Gee-ly transportation 46 immo, Che-ry transportation 46 immo, Hai-ma transportation 46 immo,Chong-qing Ji-cheng 4D immo, D-ell-p-hi 48 immo, Sie-mens 46 immo, Lian-chuang 46 immo, Al-to 46, Roe-we, M-G, and other security data processing

**Features:**

1. Transponders copy : 46/4D/4C/64/13/12/11/33/42(online)
2. ID48 copy: vi-ce ID48(changeable uid), dell-phi immo box, part of V-W, Fia-t, Au-di, Vol-vo, Hon-da etc.
3. DST80 copy: To-yota 72G(online), For-d 4D83(online), Huny-dai/K-ia 4D70
4. Chip transfer: 4D60/60 Plus transfer to 4D63/83 cars
5. Transponder simulation
6. Read/write: 46/48/4D/4D Plus/8A
7. Transponders reading: 11/12/13/33/40/41/42/44/46/47/48/60/60 Plus/61/62/63/63 Plus/64/65/66/67/68/69/6A/6B/70/71/72G/73/8A/49 and smart keys etc.
8. Chip generate: 60/61/62/63/64/65/67/68/6A/6B/71/60 Plus/63 Plus/72G etc.
9. Chip generate: different format data of ID46
10. Frequency and modulation mode test(remote)
11. ECU signal/data stream of ID46/key type (all lost) detect
12. Update online

**Key Copy Programmer Recognize and Copy:**

Recognize: Recognize chip 13, 40/41/42/44/45, 4C/46/48, 4D61/62/63/67/68/68 Plus F/71. Able to tell if 48 chip is from original or deputy factory.

Copy: Copy 46, 4D and a partial of original 48 I.E Bui-ck Excell-e, you have to use special GMT46/4D Chips, ID48 chips which can change ID.

**Operation steps:**

Turn on: long press the "On" button.

Turn off: long press the "On / off" button or "On / off" and "OK" button

Steps to operate: follow the tips on the screen, put the original key into the coil, press "OK" to recognize.

For Example:

**1).Steps to copy 46:**

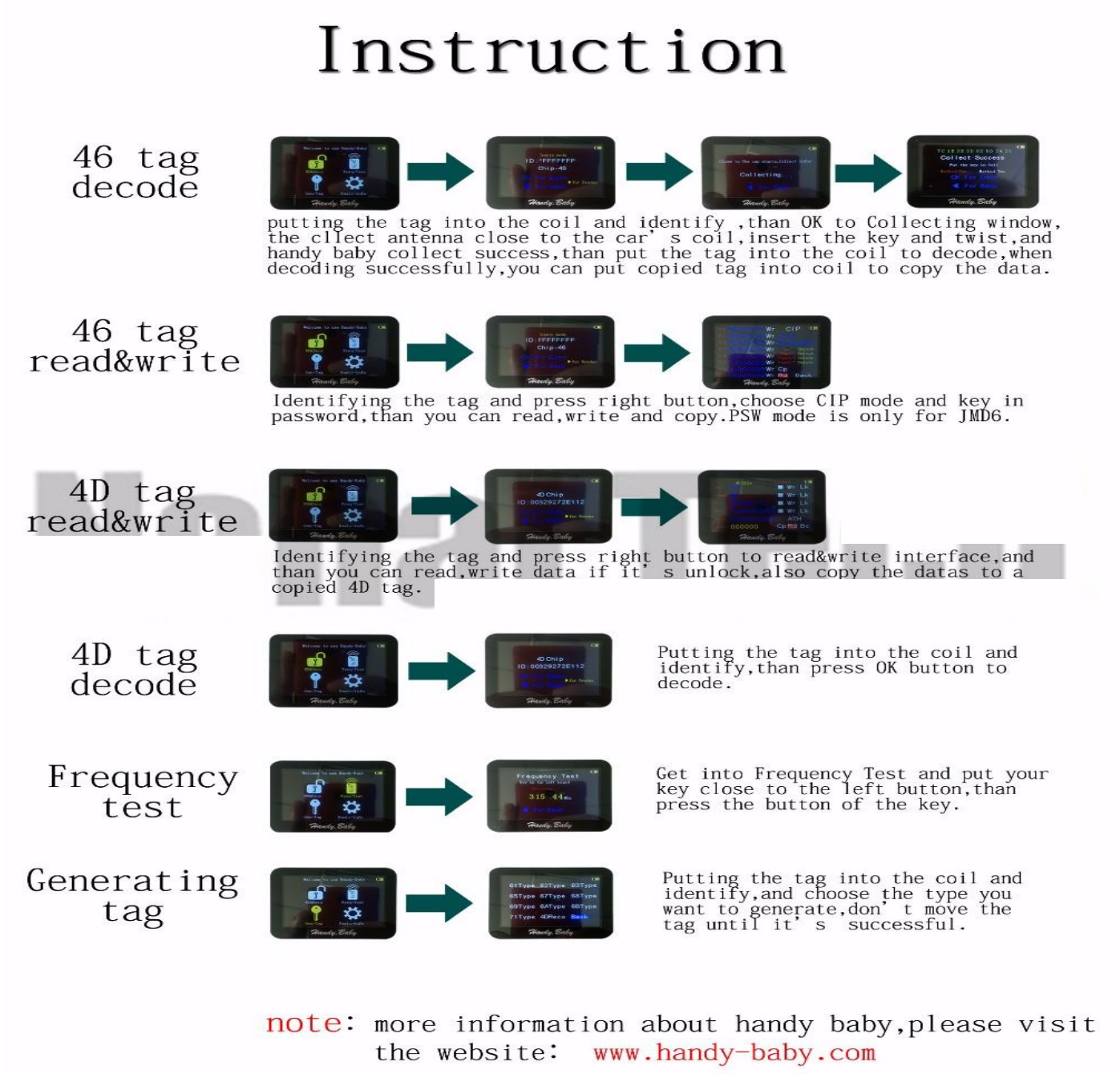
1. Press "OK" to decode
2. Make antenna close to coil
3. Insert and turn the key (collection)
4. Put original key into coil to decode
5. Put new key into coil to copy

**2) Steps to copy 4D:**

Press "OK" to decode, then put new key into coil to copy.

**3).Steps to copy 48:**

Press "OK" to decode, then put new key into coil to copy.




**Handy Baby Key Copy Programmer Initialize:**

Please use with caution: only available for JMD46 / 4D and revisable UID48 chip. The data won't be restored after the chip erased.

**Handy Baby Key Copy Programmer Test Frequency:**

Steps to test the key remote frequency: Enter program, make key close to the surface of left button, meanwhile press remote button, then the frequency will display.

**Handy Baby Key Copy Programmer Data read and write:**

**1) Read and write 46 chip**

1. Please select correct chip mode and password in order to read & write chip correctly. The device default chip mode and password is 46 chip blank.
2. Select chip mode: move mouse cursor to "Mode", I.E "Plaintext mode", press "OK", the fonts turn black from white to indicate the selection mode, press "Up" and "Down" to select the Plaintext mode or password mode.
3. Enter password: move cursor to the password box under the mode, press "OK" to proceed, press "Up" and "Down" to select the data (0`F), press "Left" and "Right" to transfer password.
4. After finish press "OK" to exit, then move cursor to "Read all" to read out data.
5. Read all: read out all data for 46 chip and display the status of locked or unlocked.
6. Write: write the corresponding data; make sure 46 unlocked before writing data.
7. Enter data: the way to enter data is as the same as to enter password.

**2) Read and write 48 chip**

1. Read: read out 48 chip UID, user 1 and user 2 data, and display 48 chip type as well as the status of locked or unlocked.
2. Write: write the corresponding area data; make sure 48 unlocked before writing data.
3. Enter data: move cursor to the data input box, press "OK" to proceed, press "Up" and "Down" to select the data (0`F), press "Left" and "Right" to transfer password. After finish press "OK" button to exit, move cursor to "Write" to write data.
4. Unlock: if the chip is locked, then it needs to be unlocked before writing into data.
5. Steps: when the chip is read out locked, please enter PIN code which is the code of 48 chip, move cursor to "Unlock", press "OK" to unlock.

**3) Read and write 4D chip**

1. Read: read out 4D chip password, recognition and ID data, also display their status of unlocked or locked.
2. Enter data: move cursor to the data input box, press "OK" button to proceed, press "Up" and "Down" to select the data (0`F), press "Left" and "Right" to transfer password. After finish press "OK" to exit, move cursor to "Write" to write data.
3. Write: write the corresponding area data; make sure 4D unlocked before writing data.
4. Lock: lock the corresponding area, note: it is unable to unlock after locked.
5. Car ignition check: enter the verification code, then it will return corresponding signature.

**4) Other chips**

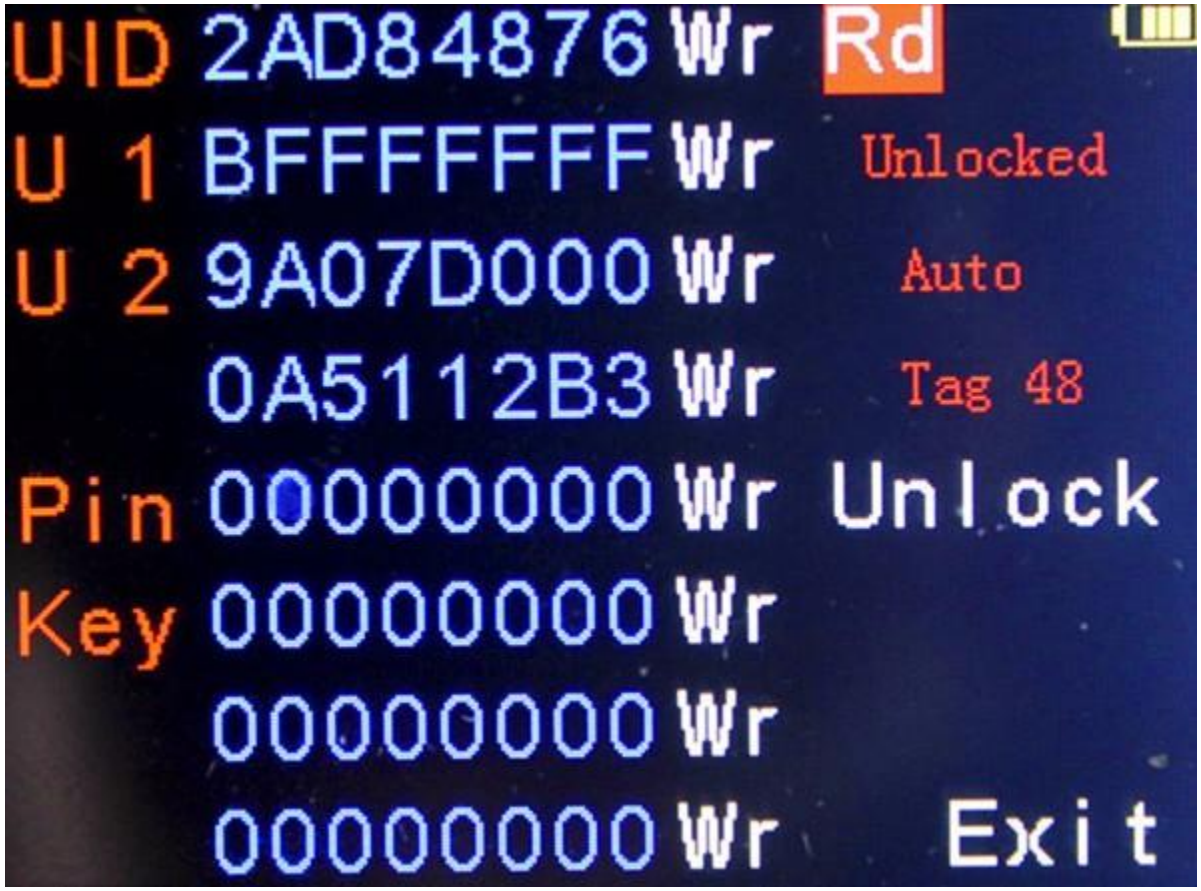
Able to recognize chip 13, 40/41/42/44/45, 4C/46/48, 4D61/62/63/67/68/68 Plus/71
Able to use T5575,em4305 and the compatible cards to copy 13 chip.

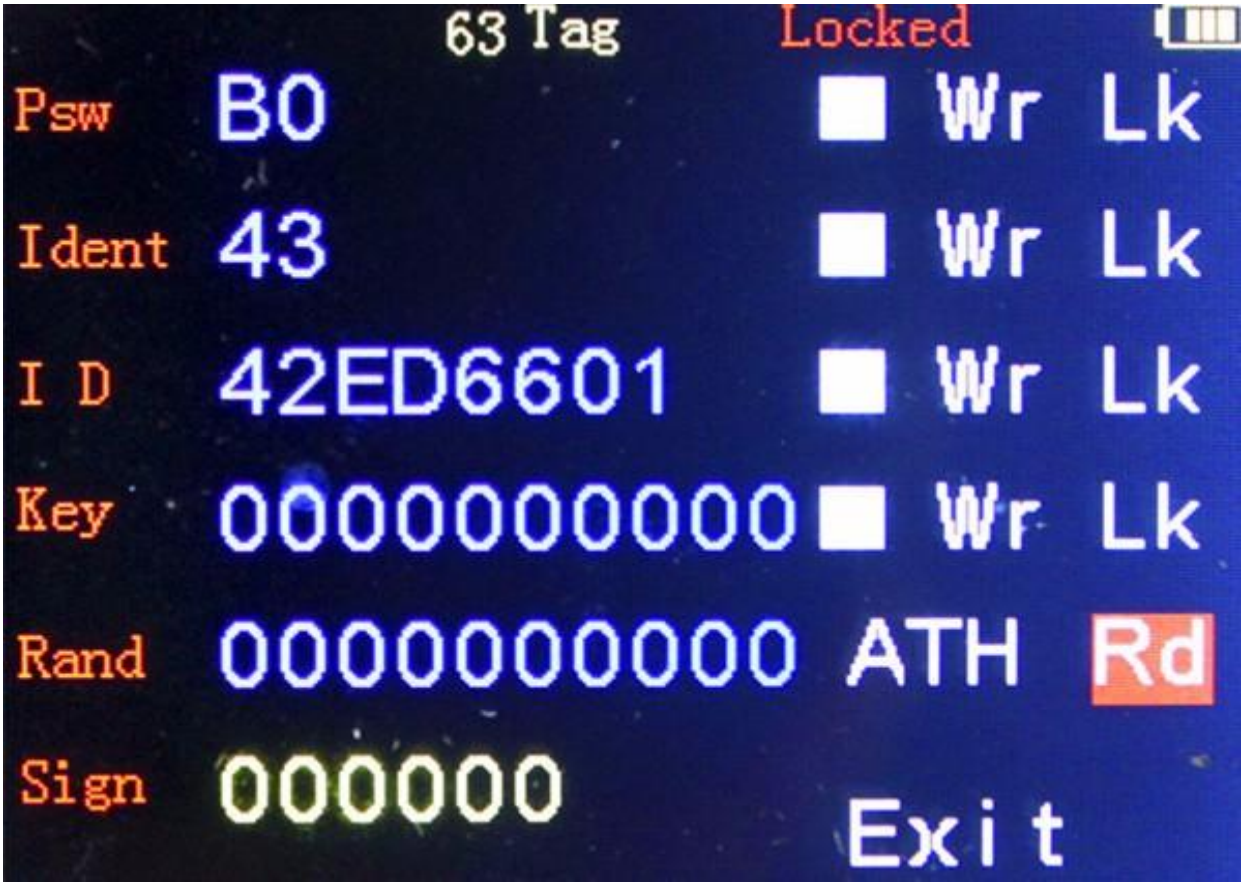
**5) Generate chip**

Chip 67 and 68: need the unlocked 4D chip to generate.
Specialized 48 chip: able to generate chip for only Sea-ttle TA, V-W TA, Sko-da TA, Au-di TA, SE-AT TP, V-W TP, Sko-da TP, Au-di TP and Je-tta

**Screenshot**

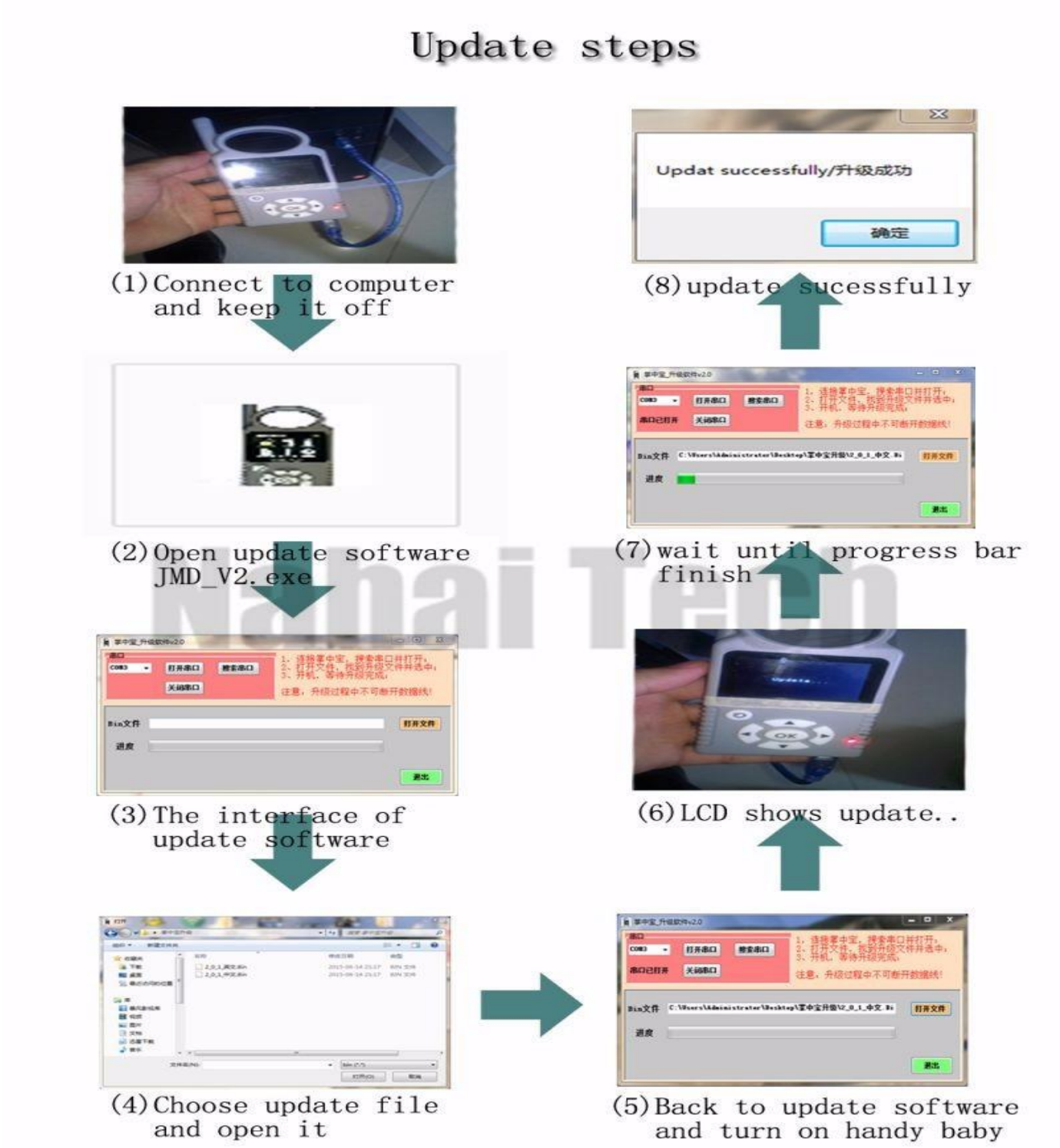

Welcome to use Handy-Baby
RD&Deco
Signal-test
More-fun
Basic-info


UID 2AD84876 Wr Rd
U 1 BFFFFFFF Wr Unlocked
U 2 9A07D000 Wr Auto
0A5112B3 Wr Tag 48
Pin 00000000 Wr Unlock
Key 00000000 Wr
00000000 Wr
00000000 Wr Exit


63 Tag
Locked
Psw
B0
Wr Lk
Ident
43
Wr Lk
I D
42ED6601
Wr Lk
Key
0000000000
Wr Lk
Rand
0000000000
ATH
Rd
Sign
000000
Exit

**PCB Display**

**Update Steps**




**Q&A about Upgrating**

1) How to upgrade to the latest version?

A: To download update software from official website.

2) Can't open update software.

A: Your computer hasn't install upgrade software driver, please download it from official website and install it.

3) Can't see serial port (isn't com0) when opening update software, and can't upgrade.

A: Handy baby upgrading needs to install Serial port driver software, please download from official website. Installation steps:  right click on "my computer" -> "Device manager" ->"Port(COM and LPT)", next and find out "CP201X" and right click -> open update driver software-> find out driver software in your computer-> next and finish.

4) Fail to upgrade.
A:Follow the tips show on update software, open update software -> connecting handy baby to computer(note: keep handy baby off) -> turn on serial port and choose upgrading file -> turn on handy baby and wait until it's finish.

5) Chinese version can not upgrade to English version or another language.(language not replace and exchange)
A: It's not support to upgrade a language version to another.

6) Fail to upgrade to lower software version.
A:It's not support to upgrade to lower software version.

## Functions Describe:

## RD & Deco (Chips type identify and Page read , write, copy, etc……)

### Type ID46


**Function:**

RD&Deco

Chips identify


**Identify the original car key:**

**Original car key put into Identification antenna, Press "OK" to decode**

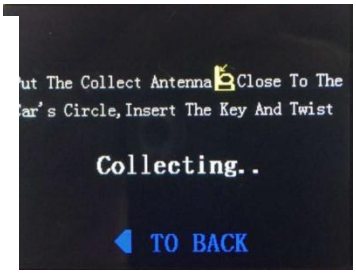

**Collecting:**

**Mode selection**

***Transponder**

***Handy Baby**

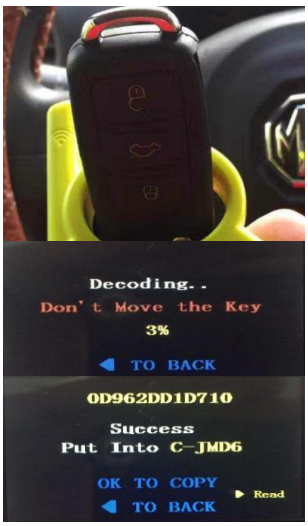
**Antenna**




**Collecting:**

**1st: collecting antenna near ignition switch**

**2nd: Original key starter (power on) (ID48 need to**



**Decoding:**

**1st: Collecting success**

**2nd: Original key put into Antenna circle and "OK" don't move original key**

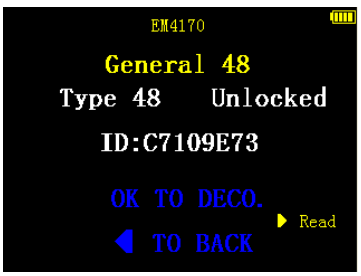
**3rd: Decoding success and clone new key**

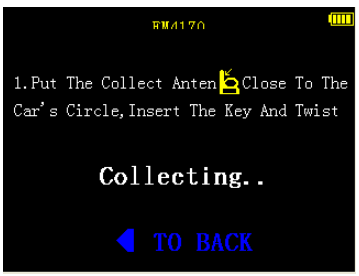
**4th: JMD special chips (C-JMD6, F-JMDD,F-JMDG,C-JMD48) to copy**

**5th: Could copy so much if you need just put new JMD chip**

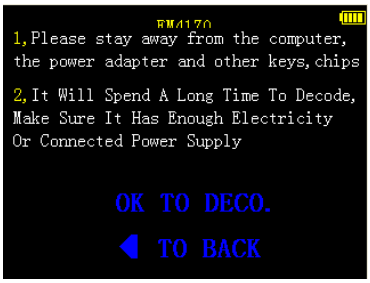
## The difference chips type decoding icon:

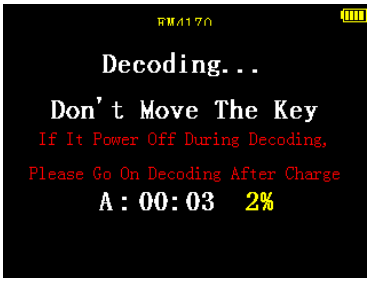
### Type 48

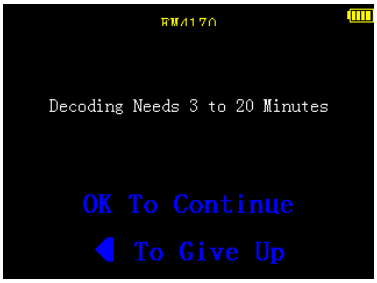


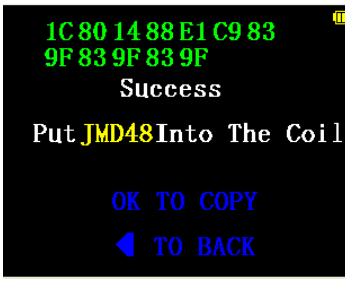



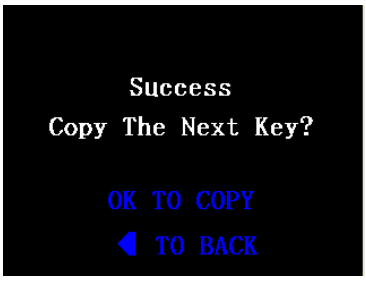




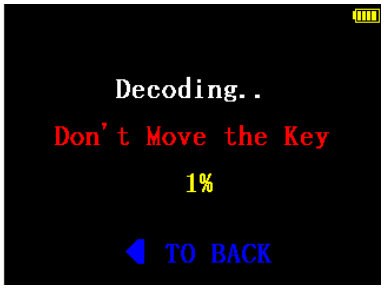



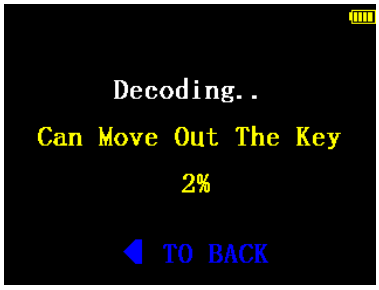



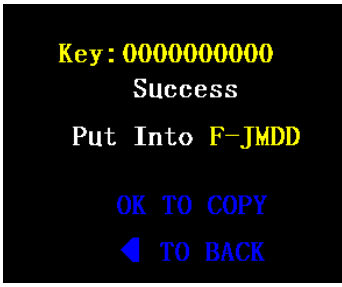



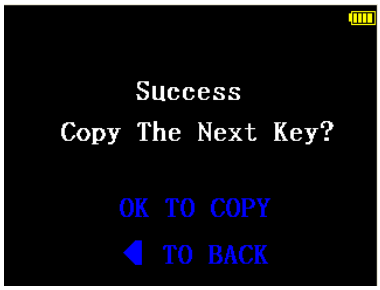

## Type 4D






## Type 4C / 42 / 83 / G / 70 (Ignore here)

## Please JMD Handy Baby Device or Contact Sales Service.

## Signal-test

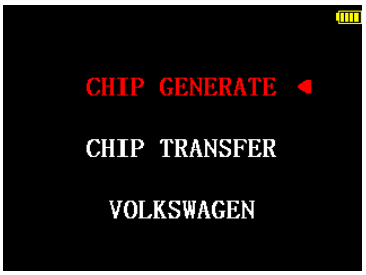


**Remote and ECU detector:**

***Remote control frequency detect (remote need near by left button**

***Ignition ECU detect**

## More-fun

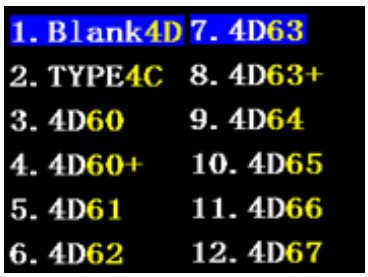

**More Functions:**

***Chip Generate (4D, 46, 48, T5, 47)**

***Chip Transfer**

***Volkswagen**

## Chip generate and simulation type 4D:



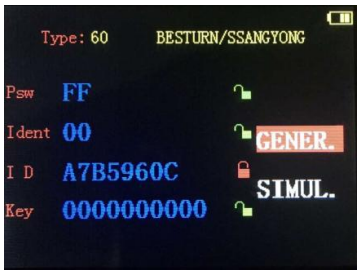
**4D Chip:**

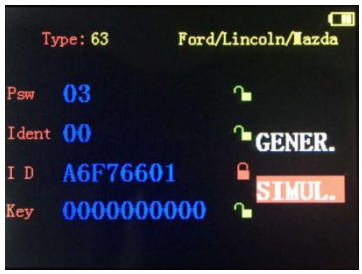
*4D66/67/68 used F-JMDD or Blank 4D to generate

*4D60+/63+/72 used F-JMDG to generate

*Other chip type used

## Page edit:




**Generate and Simulation:**

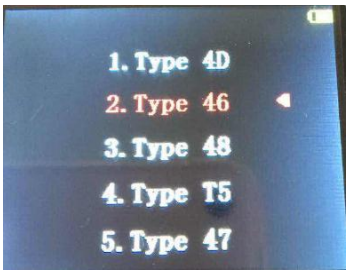
***JMD-4D or blank 4D put into antenna and push "OK"**

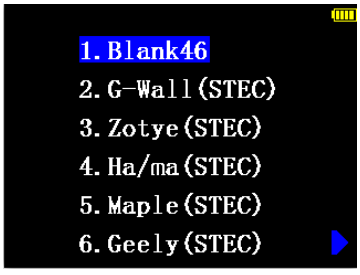
***If you no chips could use handy-baby to simulation 4D63 chip and next step**

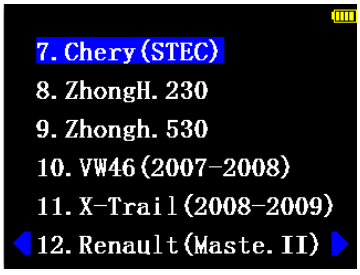
***using ▲ ▼ ◀ ▶ button and "OK" choice and**

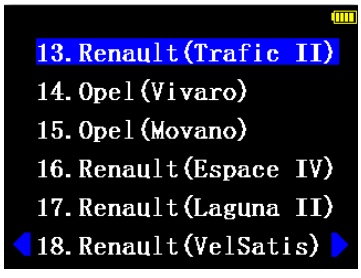
## Chip generate and simulation

## Type 46:

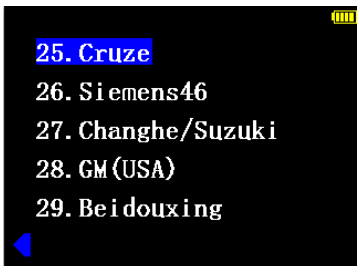


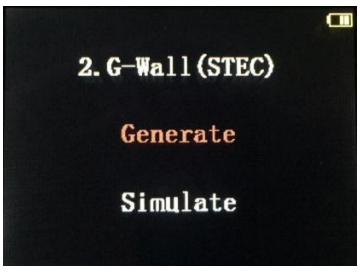



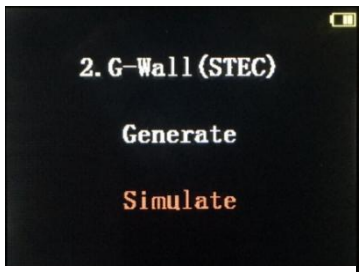








**46 Chip:**

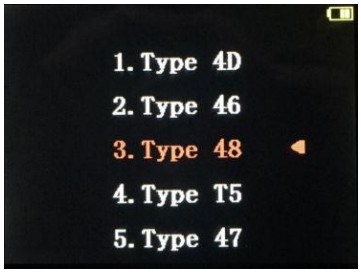
*** JMD-46 put into Identification antenna and push "OK"**

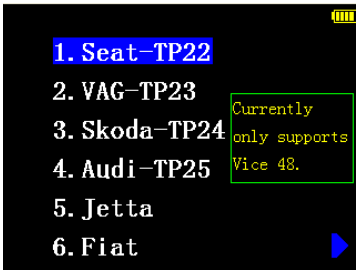
*** If you haven't G-Wall chip , you can used handy-baby to simulation**

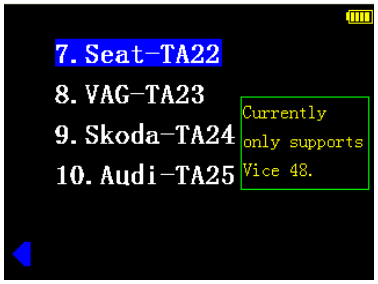
Etc... Any question keep a touch sales service

## Type 48

**48 Chip: (Only supports vice 48)**

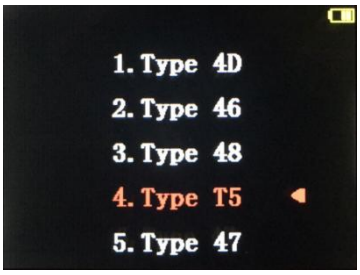


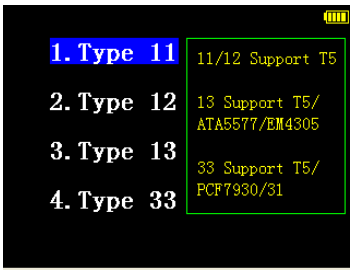



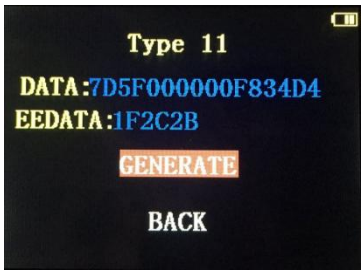




## Type T5

**T5 Chip:**

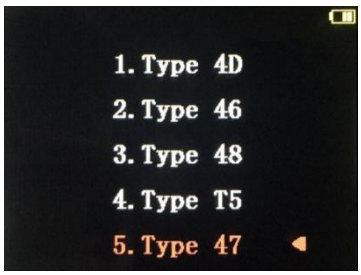


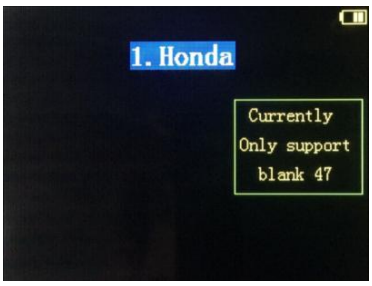




**11/12 support T5 / 13 support T5/ATA5577/EM4305 / 33 support T5/PCF 7930/31**

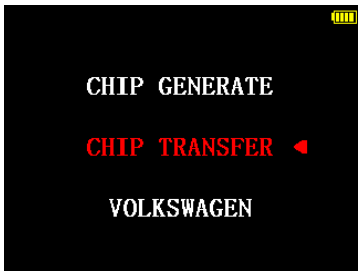
## Type 47

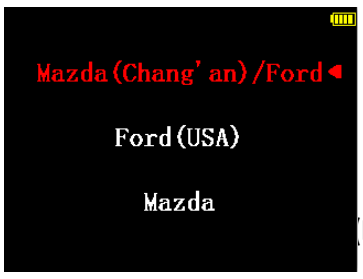



**Type 47 currently only support blank 47**

## CHIP TRANSFER




**This function is transfer Mazda (Chang ' an)/ Ford , Ford (USA) and Mazda (Imported)**

**VOLKSWAGEN ( VW 4th Generate need use OBD Assistant)**

**1st: , the key insert ignition switch and turn to "ON".**



**2nd: handy-baby assistant insert OBD .At this**

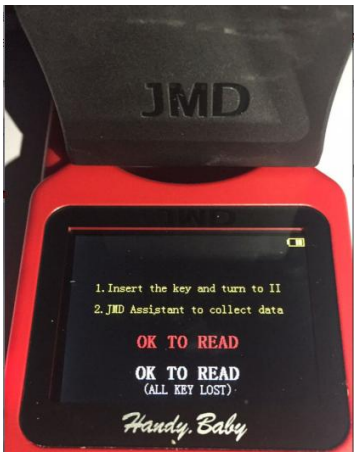
**dashboard lamp go out**

**3th: , observation dashboard lamp light up**

**and pull out assistant Assistant on the antenna, press "OK" to read**

**Handy-Baby OBD Assistant (Please see assistant user manual)**

**Don't worry car broken down, just offline download data by OBD assistant.**




**Basic-info**



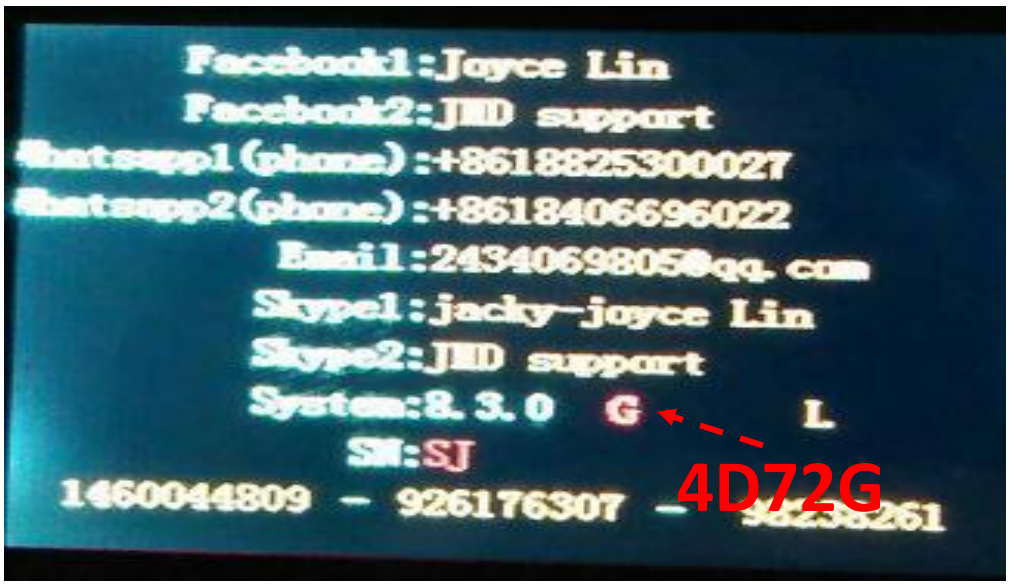
**Basic information:**

*Hardware ID

*System Version (The Latest version 8.3.0)

*SN: # and G function label

Hint : always keep system version is newly



**Part No. : C-JMD6(46) , F-JMDD(4D) , F-JMDG(G chip)**

**Product: Wedge**

Here will show which one type chips

G = G chip(wedge)

6 = 46 chip(wedge)

D = 4D chipwedge)

8 = 48 chip(glass tube have coating)

King Chip = C-JMD6 + F-JMDD+F-JMDG+T5

**Mechanical dimension**

| | |
|---|---|
| Type | Wedge |
| Dimension | 6.0mm x 12.0mm ( W x L ) |
| Thickness | 3.0mm |
| Weight | 0.41±0.1g |
| Casting material | Polymer (Ceramic) |

**Electrical characteristics**

| | |
|---|---|
| Operating frequency | 125KHz +- 4 K, 134.2KHz |
| Memory Type | Read / Write, 256 Bits EEPROM |

**General characteristics of transponder**

| | |
|---|---|
| Operating temperature range | -40 ºC ~ 85 ºC |
| Storage temperature range | -55 ºC ~ 125 ºC |
| Protection class | IP67 |
| Magnetic flux density | 0.2T |
| Temperature humidity resistance | 60 deg C, 95%RH ,168hr |
| ESD voltage immunity | +/- 2Kv peak |
| Memory storage | >10yrs, according to chip specifications |

**Fake chip so much in the market please hint again.**