

## Step By Step Guide For M3 Black Use



actual size

**NB**  
  
 changes numeric to alpha  
**KEEP IN NUMERIC**

**TAB & cursor**  
 jumps to  
**Clinical Remarks**



**F4**  
**ESC**  
 backlight  
 On/Off



pops up  
 on screen  
 k/board



pop up menu (on screen)

**HOT KEY**  
 (always ComTag)

**FIND TAG**

**ENTER**

**RESET**  
 (use stylus attached)

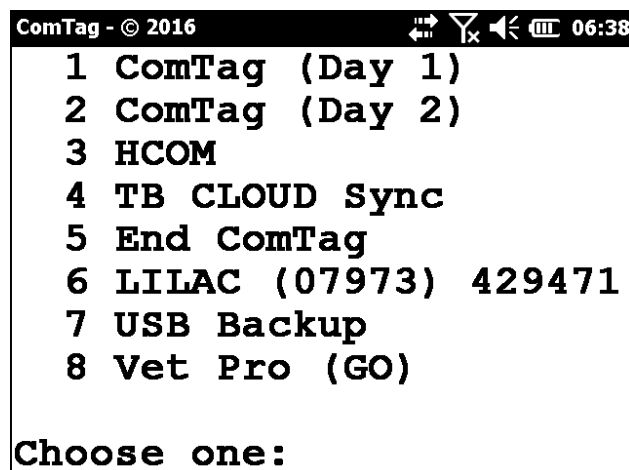
cursor jumps to jumbo tag  
 field under right side of tag no.  
 (for say 1T as above for 1 tag)

Switch on M3 Black by pressing ON/OFF button on the bottom left. It will take a minute to fully turn on if it has been powered down. Wait for the Comtag or Practice screen to appear.


If you press the ON/OFF button the machine will go into sleep mode. Press ON/OFF again and it will wake up to wherever you were last using it. During a break in the test this will spare the battery and the machine will rapidly turn back on once you restart the test.


**The M3 Black has a rechargeable battery which if fully charged will last 10 hours. At the end of the day Power Off fully by pressing and holding the ON/Off button.**

Once the machine is turned on the Testing Menu will appear.



Press **1** to go into Day1 of the test  
Press **2** to go into Day 2 of the test  
Press **3** to enter HCOM mode which allows you to transfer files to your computer.

Once you are in the test programmes pressing "**ESC**"  (on the left, below the screen) will go back a screen e.g. from **Herd Detail Screen** (screen 2) to **Herd List Screen** (screen 1)

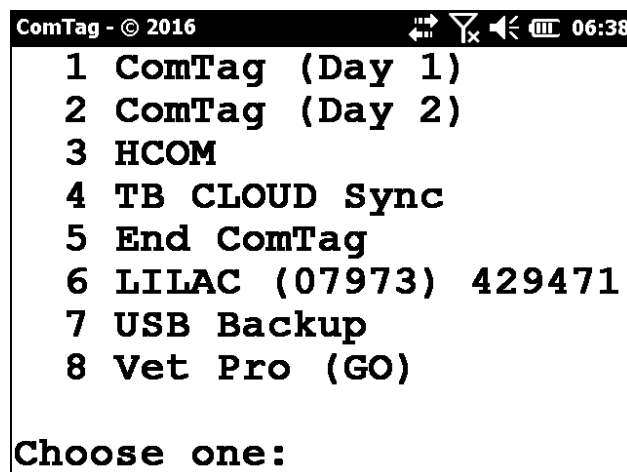
Pressing "**ENTER**"  (bottom right of keypad) will go forward a screen e.g. from **Herd List Screen** (screen 1) to **Herd Detail Screen** (screen 2) & "**ENTER**" again goes onto screen 3 (**TEST SCREEN**)

 "**ENTER**" = forward       "**ESC**" = reverse !

## Loading Test Data from TBMaster

### Preparation of Handheld

Turn the machine on as on page 2 and if the machine was fully powered off it will take a minute to start up. Once it powers up you will see the Testing Menu.



If you switch the machine on and you are on one of the test screens press "**ESC**" until you get to the Herd List Screen. It sometimes takes a while to move from the **Herd Details Screen** to the **Herd List Screen** so be patient!

Once at the Herd List Screen press the **Menu** symbol on the touch screen. A list of options will appear. Choose option 8 End ComTag by pressing the number 8 on the keypad. You will be prompted with a small box on the screen saying "End Comtag". Press "**ENTER**".

This will get you to the Testing Menu

Press “**3**” and the Comtag File Transfer programme will start. This is the programme which allows the Handheld to communicate with your computer. You should now ensure that the handheld placed securely in the docking cradle and connected to your computer using the cable provided.

### **Preparation of TBMaster**

On your computer open TBMaster and choose the Test that you want to put onto the Handheld. Import the SAM Import so that all the test data is available.

Click the **Export** button at the bottom of the screen and choose **Handheld File**

You will be prompted to create file name for the file to be exported. The default file name is the seven numbers of the WSA number. You can alter this but bear in mind that the length of the name must be 8 letters or less!

Click on “**OK**” and you will be prompted to ensure that you have connected the Handheld to the computer ready for transfer. Click “**OK**” again and the file will be transferred. The data is now on the Handheld.

On the Handheld press “**ESC**” and you will be taken back to the Testing Menu.

## Handheld Day 1

At the Testing Menu prompt press “**1**” to start the DAY 1 programme.

This will take you to the **Herd List Screen**.

List of herds displayed on screen


Arrow up/down to farm required

Press **ENTER**

Details of chosen herd displayed on screen

Press **ENTER**


List of animal ear tags displayed on screen

To put readings in press the **SEARCH** button  (centre below the touch screen) to search for an ear tag. Enter the last 3 or 4 digits of the ear tag and press **ENTER**.

If you have more than one matching number a list of matching numbers will appear. Move down the list using the arrow keys and when the number you want is highlighted press **ENTER**.

Then add **avian number** and press **ENTER** then **bovine number** and press **ENTER**

After the first Avian number is entered a box will appear for you to enter the name of the group to which the animal belongs. To leave this blank just press **ENTER**.

You can enter any name you wish for the group e.g. "DRY COWS". To enter text you can either activate the touch screen keyboard by pressing the button on the top right side of the machine or you can change the keypad to text entry by pressing the  button to the right of the escape button.

This button allows you to use the numeric keys for text entry but remember to switch it back when you've finished entering text!

By default the animals will be put into group A and the name that you put in that box will appear in the Remarks column of the TB52A

## **Changing Groups**

When you get to the end of a group of animals and want to change to a new group press the **Funct...** symbol on the touch screen and choose **Batch**. You will be asked if you want to finish Group A and start Group B. Press **ENTER** and you will be prompted to enter the name of the new group.

## **Warnings**

If you choose an animal that has been tested within the last 60 days you will hear a warning sound. A window will appear telling you that the animal was tested recently. You will have to press '1' to continue. If you have already injected the animal you can continue to enter the skin readings as usual. If you have not injected the animal then after pressing '1' to continue you can press the Search button.

Similar warnings will occur for animals that are below 42 days old, were inconclusive reactors at the previous test or are due for a Tracing test.

You can create your own warnings by entering a message in the Clinical Remarks field. You can use the Right Arrow button to move across to this field or you can press the **TAB** button (below **Esc**).

### **Recording Tuberculin Batch Numbers**

You can enter the Tuberculin batch numbers on the Herd Details Screen. Use the Arrow keys to move to the Tuberculin Fields and enter the numbers.



**To put new animals on; -**

Whilst on screen which has ear tag numbers on press **Funct...** on the touch screen and choose **New Animal** this will take you to the bottom of the animal list

Type in first part of **ear tag**

Press **ENTER**

Type in second part of **ear tag**

Press **ENTER**

Type in short version of **breed**

Press **ENTER**

Type in **sex**

Press **ENTER**

Type in **age**

Press **ENTER**

Put in readings

If the breed, sex, age are all the same as the animal above you don't have to retype just press **ENTER** and the information will be repeated.

If you are not adding any more animals, on the last reading you put in **do not** press ENTER; press the **SEARCH** button to search for your next animal. If you do press ENTER then it will take you to the next blank ear tag. Arrow up to previous animal then start search for next ear tag.

If you start to enter an animal by mistake and want to stop do the following:

Press **Funct...** on the touch screen

Choose "**Delete animal**"

Press **ENTER**

If you don't have the full details of the animal because it have lost its tag then enter an identifier such as FB

293 so that you can sort it out later. Make FB the first part of the ear tag and 293 the second part because you have to put something in both parts to continue.

## **Day 2 (Reading the test)**

If screen was left on previous readings then press **ESC** back through the screens to where the list of herds are.

Press **Menu** on the touch screen and 8 to END  
COMTAG

END COMTAG?

Press **ENTER**

On the Testing Menu Type in 2

List of herds now displayed

**Arrow up/down** to farm required

Press **ENTER**

Chosen herd details displayed

Press **ENTER**

List of ear tag and first days readings displayed

You are now ready to put in day two's readings

If you need to change the interpretation to Severe press **Funct...** on the touch screen and choose **Interpretation** then choose the required interpretation from the dropdown list. This can be done at any time during the test and you will be prompted to reinterpret previous results.

To enter the day 2 readings find the animal as you did on Day 1 and enter the readings. You can also enter 'so' or 'c' in the description field by pressing '1' or '2'. If you do nothing it will default to 'c'.

## **Menu Options**

When you are in the Animal Screen you get a menu if you press **Menu** on the touch screen. Not all of these menu items are applicable in the UK. The following are:

### **Delete Animals!**

This option allows you to delete any animals that were not tested. If you select this option you will see the following message:

Delete ALL untested cattle?

If you press **ENTER** you get the message:

Are you sure?

If you press **ENTER** again all untested animals will be deleted.

### **Report**

This brings up a secondary menu of reports that you may find useful.

- a) Results: brings up a summary of the results of the animals you have tested so far
- b) Not in Group: shows a list of animals not included in any group
- c) Invalid Tags: Lists any tags that have failed the validation test
- d) Untested: TB Init – Animals not tested on Day 1
- e) Untested: TB 72hr – Animals not tested on Day 3
- f) Inconclusive (Std) – Lists any animals that were inconclusive at Standard Interpretation
- g) Positive Reactors – Lists all animals deemed to be reactors under the current machine setting
- h) Untested Blood: Lists all animals not blood tested

- i) Tested TB: Lists all animals tested for TB
- j) Tested Blood: Lists all animals blood tested
- k) Repeat Report: Repeats the last report you did.

### **Batch Report**

This option allows you to do the same series of reports for any individual batch. This can be useful to, for example, check that you have examined all animals in a particular group of animal on Day 3.

### **Totals**

This gives you a summary of the totals of animals tested.

### **View Batches**

This provides a summary of the batches tested

### **Other**

This allows you to enter a Reactor Tag for the currently selected animal.

## **Blood Sample Recording**

If you want to record blood sample details at the same time as a TB test you have to alter the test type before you start.

At the Comtag Menu prompt select “1” to enter the Day 1 programme. On the **Herd List Screen** select the herd that you will be testing using the arrow keys and press ENTER to take you to the **Herd Details Screen**

Press the Arrow keys until the Test field is highlighted (Test: ) **TB**

Press “0” and a menu will appear which allows you to do TB, Blood or Both.

Arrow down to your selection and press **ENTER**.

Now continue on to the Test Screen by pressing **ENTER** again.

The handheld can be programmed to prompt you for a blood tube for whichever animals you want to test.

Arrow down to the **Blood** field and press ‘0’. You will see a menu allowing you to select which animals you want to test.

After you have entered the Bovine skin reading for an animal the BldBot field will be selected (i.e. become shaded) if the animal meets the criteria you’ve set.

For the first animal that you blood test you will have to enter the full Blood Tube Number e.g. AB123 0101 and press **ENTER**. The next time that an animal has to be blood tested pressing **ENTER** when the BldBot

field becomes highlighted (shaded) will enter the next number i.e. AB123 0102. To accept this number simply press **ENTER** again. If you have broken a tube and wish to change the number you can use the "**BKSP**" button (above the **ENTER** button) to take off the last digit of the Blood Tube Number so that you can easily enter the correct number.

The blood tube number sequence will then continue from the new number.

If the BldBot field becomes highlighted for an animal which you are not going to blood test simply press the **BKSP** button followed by **Esc** and the Handheld will go back to FIND mode ready to find the next animal.

If the BldBot field does not become highlighted for an animal which you are blood testing i.e. it goes back into FIND mode after you have entered the Bovine Skin reading, press **Esc** to get out of FIND mode and arrow across to the BldBot field and proceed as before.

## Downloading Test Data from the Handheld into TBMaster

### Preparation of Handheld

After switching the machine on press “**ESC**” until you get to the Herd List Screen. It sometimes takes a while to move from the **Herd Details Screen** to the **Herd List Screen** so be patient!

Once at the Herd List Screen press the **Menu** on the touch screen. Choose option 8 to End Comtag. You will be prompted with a small box on the screen saying “End Comtag”. Press “**ENTER**”.

This will get you to the Testing Menu

Press “**3**” and the Comtag File Transfer programme will start. This is the programme which allows the Handheld to communicate with your computer. You should now ensure that the handheld is firmly placed in the docking station and connected to your computer using the cable provided.

## **In TBMaster**

On your computer open TBMaster and choose the Test that you want to download from the Handheld. Go to the TB52A screen and from the bottom line of buttons choose **Import** and from the list of options choose **Download from Handheld.**

Click on “**OK**” and you will see a series of messages as the file is downloaded after which the list of animals together with their skin readings will appear on the screen.

Click on the **Check Data** button (top right hand side below the **Day 1** and **Day 2** buttons) and when prompted click **ENTER**

Then click the ‘**Recalculate**’ button

TBMaster will now interpret the results and at the bottom of the screen you will see a count of the number of Reactors and Inconclusive Reactors.

Your TB52A will now be ready to print or to export to SAM.

On the Handheld press “**ESC**” and you will be taken back to the Testing Menu.



## Preparation before the test

Download from SAM and import into TBMaster.

### On the Handset

ON/OFF

If you are at the Testing Menu:

Press 3

If the handheld is in a test screen press **ESC** until you get to the list of herds the press

**Menu** then Press 8

END COMTAG? – **ENTER**

Press 3

PLACE THE HANDSET IN THE DOCKING STATION WHICH MUST BE PLUGGED IN AND COMNNECTED TO THE COMPUTER.

### ON THE COMPUTER:

FILE EXPORT Handheld File

FILE NAME

Eg MIL1214 (name-date-month-year) OK

Receiving file on Handset

Reception complete

**ESC** – Testing Menu

Detach handset

PRESS 1 - Check on list of farmers

COMPUTER - CLOSE DOWN THE FINISHED TBMT0HRD BOX

COMPUTER - PRINT WORKSHEET

Leave machine on Testing Menu to do this press **Menu** then 8 then **ENTER**

TURN OFF

## WHEN VETS BRING BACK IN

ON/OFF

If you are at the Testing Menu:

Press 3

If the handheld is in a test screen press **ESC** until you get to the list of herds the press

**Menu** then Press 8

END COMTAG? – **ENTER**

PLUG IN HANDSET

COMPUTER: -

Open the test you are looking for and go to the TB52A so that you can see the list of animals.

IMPORT at bottom

TYPE OF IMPORT – DOWN LOAD from HANDHELD – OK

ANIMALS DETAILS EXIST DELETE – ENTER

HANDSET CONNECTED – ENTER

TRANSMISSION COMPLETE

NUMBER OF ANIMALS – OK

Disconnect HANDSET leave machine showing the Testing Menu

- If any problems transmitting check CPH, DATE, TEST REASON, TEST INTERPRETATION are the same on HANDSET as computer.

COMPUTER:-

**CHECK DATA**

**RECALCULATE**

You may want to check that the Batch Numbers Officer Testing boxes are filled in on the TB52

**EXPORT – SAM EXPORT**