

AccuTime ARES II

Tour Verification System

Centor.

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ACCUTIME - TIME & ATTENDANCE SYSTEMS

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AccuTime.....Because Time is Precious

INTRODUCTION

The ARES Basic II Tour Verification System was developed to aid the users to efficiently program and supervise activities & watch the watchers. Its main benefit is management will know **When, Where, What, & Who on a daily basis**

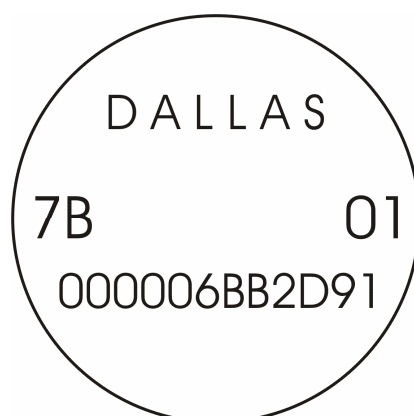
<p>Capabilities:</p> <ul style="list-style-type: none"> ✓ Multiple Employees. ✓ Multiple Recorders. ✓ Multiple Recording Stations. ✓ Password Protected. ✓ Archive Management. ✓ Exports Reports ✓ User friendly software 	<p>Components:</p> <p>Ares Basic II employs state of the art technology:</p> <ul style="list-style-type: none"> ✓ Our portable M6000 Recorder, ✓ Ares Basic II Software ✓ Maxim / Dallas Serial Numbered iButtons.
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iButton

An iButton is a microcircuit, encapsulated in a stainless steel weather resistant button, of great durability and reliability (1,000,000 recordings per button). Each iButton is a guaranteed, unique, never to be repeated, factory programmed ROM. Its 16-character serial number is kept in laser-cut poly-silicon links **not as stored magnetic charge!** Because of its design and the strict control of the manufacturing process, the DS1990A iButton is an identifier that cannot be counterfeited. It is appropriate for applications where absolute identification is required.

Due to its great reliability, the iButton developed and manufactured by DALLAS SEMICONDUCTOR has positioned itself solidly in the international market as a universal identifier of Persons, Objects and Events. iButton dimensions are Height 5mm, Diameter 16mm.

The serial number of each iButton is physically the number that will identify each Guard, Supervisor, Recording Station, etc. The 16 character serial number comes printed on the metallic surface of each button; starts with two big characters (digits or letters) located towards it's middle left, 12 smaller positioned at a lower level and finally 2 big towards it's middle right. This unique number is allocated to each assignment of the proposed tours



M6000 Recorder

It is a portable electronic device designed to "read" and store iButton serial numbers, along with the precise time and date of the readout. The unit is capable of downloading the stored recordings (5460, 64K) into any IBM or compatible PC, Pentium (100 MHz.) or higher processor. It is a sturdy device capable of withstanding harsh environments and impacts. The unit is powered by a 3 AAA batteries.

The reader has a luminous indicator called LED (light emitting diode) and a Buzzer.

To install battery: Open the top of your reader by removing the 2 security screws and connect 3 AAA batteries, preferably alkaline. If the batteries are in good shape the LED will emit 5 **green blinks** with 5 beeps.

To effect recordings: To make recordings of Recording Stations, ID Keys, Incident Booklets, (any iButtons) you need only to touch them with the reader's probe. If a correct recording is effected the reader will emit **2 green blinks with 2 (two) beeps**.

Low battery: The M6000 recorder will signal a low battery status by emitting **1 red blink with 2 (two) beeps**. *A brand new set of batteries will last for one year or 600,000 recordings.*

Full Memory: When the memory of your reader reaches "full" status (5460 recordings), each time you attempt a recording, the reader will emit **1 red blink with 4 beeps**; this means your recorder is not reading anymore. For this case please make a full download of data to your PC and then erase the memory to reset; now your reader will be ready for the next load cycle of 5460 new recordings.

M6000 Setup:

Time & Date Setup

1. **Insert your recorder M6000 into its download cradle.**
2. Select the Recordings data Tab.
3. Press the **Recorder** button.
4. Press the **Prg. Clock** Button.
5. Your M6000 Time & Date and PC Time & Date will be synchronized. Note: Make sure your PC Time & Date (Windows System Time are correct)

Daylight Savings Setup:

1. **Insert your recorder M6000 into its download cradle.**
2. Select the Recordings data Tab.
3. Press the **Recorder** button.
4. Press the **DST** button.
5. Select **Day Light Savings Enabled**. The System will display default settings for the USA. If you desire to change DST settings, please use the provided calendar by a click on the drop list arrow.

How to Download Recordings:

1. **Insert your recorder M6000 into its download cradle.**
2. Select the Recordings data Tab.
3. Press the **Recorder** the button.
4. Press the **Download** the button.

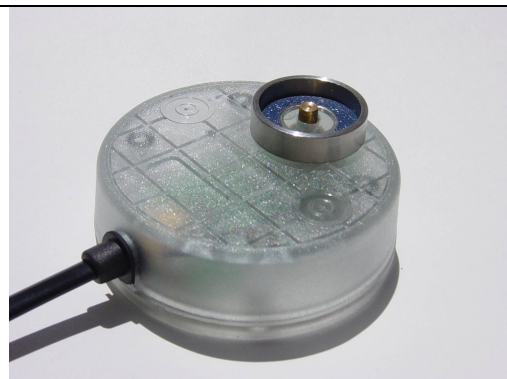
Memory Delete (Reset)

1. **Insert your recorder M6000 into its download cradle.**
2. Select the **Recorders** or the **Recordings** Tabs (either of the two).
3. Press the **Recorder** button.
4. Select **Erase**.

A normal "full" Download (5460 recordings) will take about 3 minutes and will advise you of its progress and function status.



M6000 Recorder



P6000 Download Cradle



How to Insert M6000 into P6000

Assignments

Preparation:

Before you begin to insert assignments into the software please read the sequence below

1. Make a sketch of the site\’s and name all the points (**recording stations**) where the iButtons will be screwed to the wall e.g. front door, back door, etc. etc. Include on the sketch a list of all persons you want to control and the names required for the wallet iButtons.
2. The sketch will be useful when you assign the iButtons in the PC software, and will be of utmost importance to the person physically screwing the correct iButtons at the correct recording station points
3. iButtons can be installed on site discretely or on full show, depending on the circumstances. iButton mounts can be screwed to walls, doors, furniture, fences, metal surfaces, trees, etc.
4. Referring to “the sketches named points” (proposed recording stations) the iButtons can now be assigned the same name in the software, it is important to label them as they are being assigned, perhaps dropping each assigned iButton into a sealed named envelope, the person fixing them to the walls will then be 100% sure the correctly named iButtons will be installed in the correct places of the proposed tour.
5. If the wrong iButtons are screwed to the wall on the “wrong tours” in positions different from “the sketch” the resulting tour information will be useless

The Assignments data Tab was designed for simplicity; with it you will be able to effect all assignments of Recording Stations, Guards, Supervisors, plus whatever elements you desire to control.

Pre-assigned System Messages:

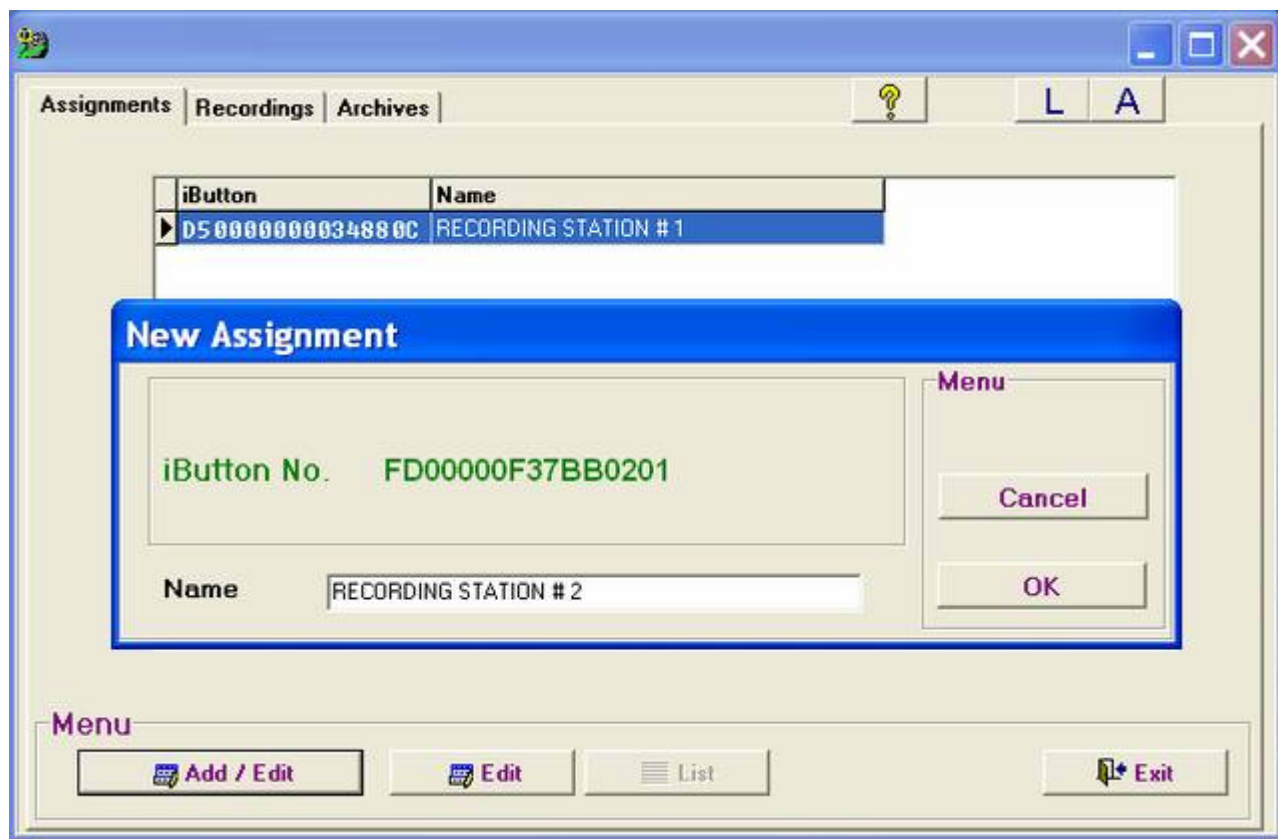
At first hand you will see 2 pre-assigned messages:

- **Battery Disconnected:** Each time the battery of any of your recorders is disconnected, the recorder will record the Time & Date of the event. This message will appear on the **Recordings Screen** confronted with the recorder’s ID number and the time & Date of the event.
- **Low Battery:** Every time any of your recorders enters a low battery status, the recorder will record the Time & Date of the event; this message will appear on the Recordings Screen confronted with the Recorder Serial number and the Date & Time of the event.

How to add an assignment (Recording stations, elements, etc.).

1. Select the Assignments Tab.
2. Press the “**ADD EDIT**” button located in the button bar.
3. Read/Touch with your P6000 Cradle, the iButton you want to assign.
4. In the window “**Name**”, key in the Recording Station name, Watchman name, Supervisor name, Vehicle Registration Tag number or the name and/or number of whatever person or element/site you want controlled.
5. **Once this procedure is completed you can proceed to install your iButtons (recording stations) at all the points on “the sketch”**



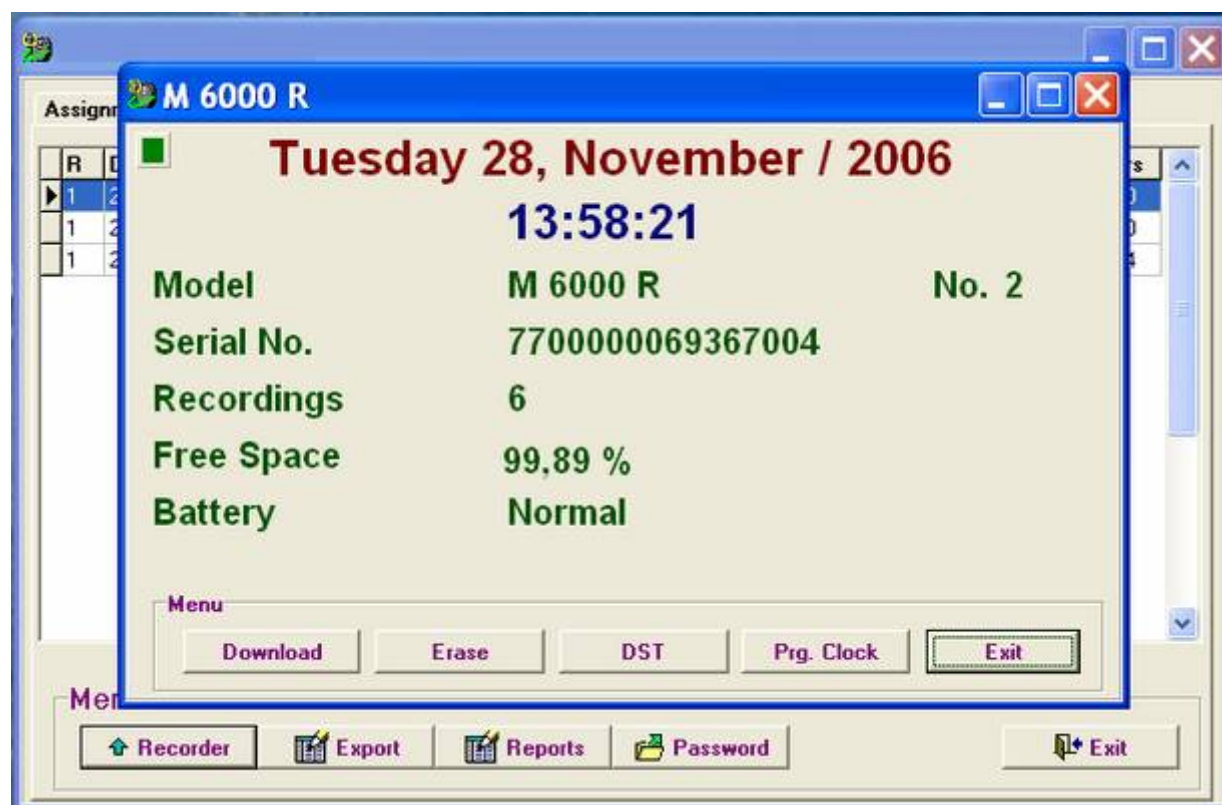


Recordings

The Recordings module will enable the user to download recorded data and view reports.

How to Download Recordings:

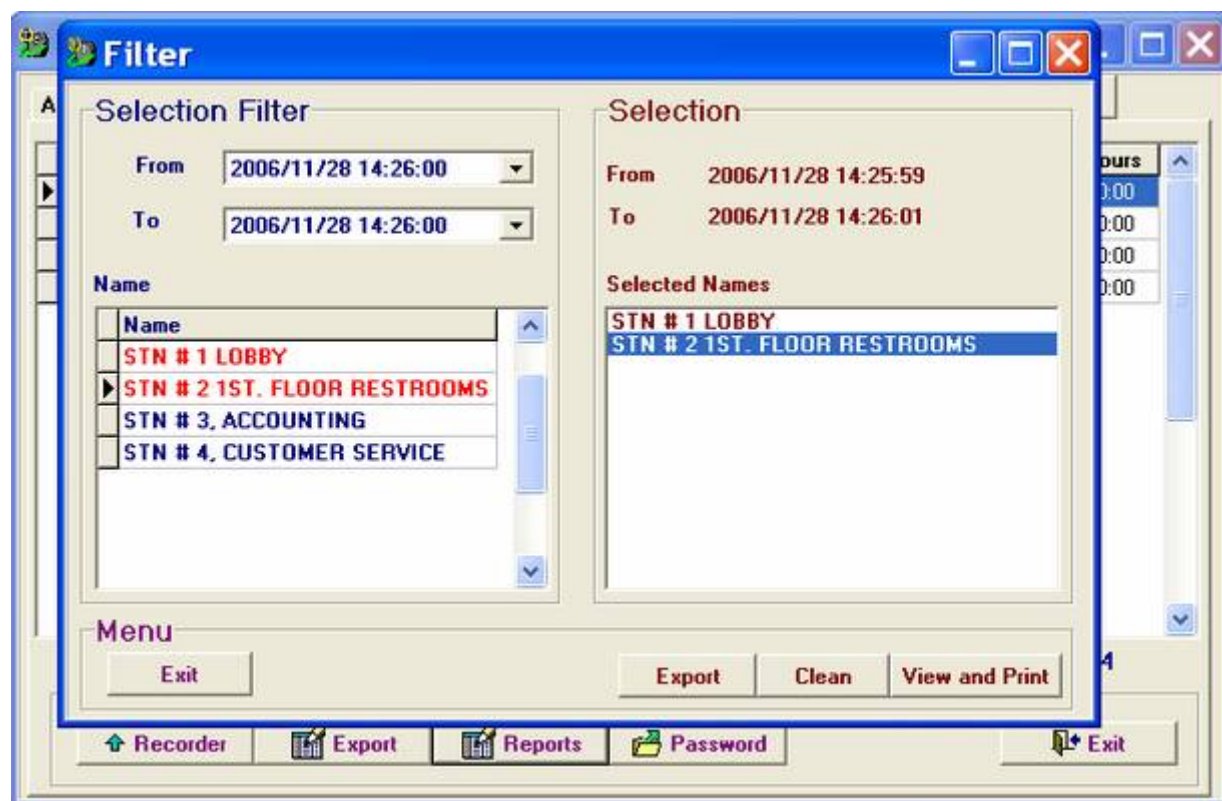
1. Insert your recorder M6000 into its download cradle.
2. Select the Recordings Tab.
3. Press the Recorder button
4. Select Download.
5. A normal "full" Download will take about 3 minutes and will advise you of its progress.



Reports

How to make a Report

1. To generate reports select the Recordings tab.
2. Press the **Reports Button**.
3. The system will prompt you with a selection "Filter" window.
4. To filter (poll) by a particular station or item click on the item (it will turn to red color).
5. To reset filtering select the "**Clean**" Button.
6. To send the report to a printer press **View / Print**.
7. Before printing, the system will display a Print Preview.
8. To print select the printer Icon.



How to export a report

1. Select the "Recordings" tab.
2. Click on the **Reports Button**.
3. The system will prompt you with a Selection Filter Window.
4. To filter (poll) by a particular station or item click on the item (it will turn to red color).
5. To reset filtering select the "**Clean**" Button.
6. To export your report, select the "**Export**" button.
7. **The report will be generated at C:\Program Files\Centor\Ares Basic II \Exports**

Password:

If you desire to protect your data, select the **Password** button, enter your password, verify it and press OK. The next time you attempt to enter the program it will request you to key-in the password you previously selected

Archives:

Every time a Recorder M6000 is downloaded an automatic backup of the said download will be generated at the Archives module. The name of this backup will be composed by the following:

Recorder Number expressed as R_1, R_2, R_3, etc.

The time span of the recordings contained in the download expressed as From.... To with the yyyy mm dd hh mm format (Year, Month, Day, Hours and Minutes).

FCC Compliance:

Our M6000-R iButton Recorder, T6000 Portable Transfer Station and P6000 Download Station, comply with Part 15 Class B of the FCC Rules. Non Intentional Radiators, Class B Digital Devices.

Operation is subject to the following two conditions: (1) this devices may not cause harmful interference, and (2) this devices must accept any interference received, including interference that may cause undesired operation.

Harmful interference (definition): Any emission, radiation or induction that endangers the functioning of a radio navigation service or of other safety services or seriously degrades, obstructs or repeatedly interrupts a radio communications service operating in accordance with FCC rules.

Changes or modifications to the above mentioned devices not expressly approved by Centor & Cia. S EN C will void the user's authority to operate the equipment.

EC Compliance:

Our M6000-R iButton Recorder, T6000 Portable Transfer Station and P6000 Download Station, comply with EC Regulations for non Intentional Radiators, Class B Digital Devices (f) information technology equipment.

Council Directive 89/336/EEC of 3 May 1989 on the approximation of the laws of the Member States relating to electromagnetic compatibility.

ANNEX III

Illustrative list of the principal protection requirements:

The maximum electromagnetic disturbance generated by the apparatus shall be such as not to hinder the use of in particular the following apparatus:

- (a) domestic radio and television receivers
- (b) industrial manufacturing equipment
- (c) mobile radio equipment
- (d) mobile radio and commercial radiotelephone equipment
- (e) medical and scientific apparatus
- (f) information technology equipment
- (g) domestic appliances and household electronic equipment
- (h) aeronautical and marine radio apparatus
- (i) educational electronic equipment
- (j) telecommunications networks and apparatus
- (k) radio and television broadcast transmitters
- (l) lights and fluorescent lamps.

Apparatus, and especially the apparatus referred to in (a) to (l), should be constructed in such a way that it has an adequate level of electromagnetic immunity in the usual electromagnetic compatibility environment where the apparatus is intended to work so as to allow its unhindered operation taking into account the levels of disturbance generated by apparatus complying with the standards laid down in Article 7.

The information required to enable use in accordance with the intended purpose of the apparatus must be contained in the instructions accompanying the apparatus.

Changes or modifications to the above mentioned devices not expressly approved by Centor & Cia. S EN C will void the user's authority to operate the equipment.