### 1. Software Installation

A. Insert CD and wait until the installation wizard comes up on your screen

Note : Do not connect the X100 Time clock to the computer until you have finished installing the software and the USB driver.



B. If you do not have .NET Framework installed in your computer this window will show, Click Accept to install .NET Framework

_		
ħ	Bioelectronix Setup	
F	or the following components:	
	NET Framework 2.0 (x80	)
F	Please read the following licers ee the rest of the agreement.	se agreement. Press the page down key to
	MICROSOFT SOFTWARE SU	IPPLEMENTAL LICENSE TERMS
	MICROSOFT WINDOWS INS MICROSOFT WINDOWS INS Microsoft Corporation (or based licenses this supplement to you	TALLER 2.0 TALLER 3.1 d on where you live, one of its affiliates) J. If you are licensed to use Microsoft
1	Windows operating system soft this supplement. You may not the software. You may use a c validly licensed copy of the soft	tware (the "software"), you may use use it if you do not have a license for copy of this supplement with each tware.
	View EULA for printing	
ī	)o you accept the terms o	of the pending License Agreement?
	f you choose Don't Accept. ins	stall will close. To install you must accept
	his amagement	

C. Now you will be prompted to install the USB driver for the USB connection between the X100 time clock and the computer. "Click install"



Now the Timekeeper 2000 Software & Drivers will be installed in the computer.

C. Now you will be prompted to install the Bioelectronix Timekeeper 2000 program "Click install"

Application In	nstall - Security Warning
Publisher car Are you sure	nnot be verified. • you want to install this application?
Name:	Bioelectronix TimeKeeper 2000
From:	C:\X100\X100
Publisher:	Unknown Publisher
	Install Don't Install
While a trust th	applications can be useful, they can potentially harm your computer. If you do not ne source, do not install this software. <u>More Information</u>

1

Once you have installed the Timekeeper 2000 Software correctly the user Authentication Window will pop up on the screen.

See User Authentication		
	User Name Administrator	~
	Password 12345	
BIOELECTRONIX	Accept	<u>C</u> ancel

- F. To open the program type 12345 (Factory Default) for the password, and click accept.
- The Timekeeper 2000 looks for updates in our server every time you open it, always install every update when available, if an update is available click OK on the update window so you can have the latest version of the software available.

Jpdate A	vailable		
<b>Applicat</b> i A new to dov	<b>on update</b> version of Bioelectronix TimeKeeper 2000 is available. Do you want Inload it now?		
Name: From:	Bioelectronix TimeKeeper 2000 icspr.no-ip.info		
		Skip	

## 2. X100 Device to PC Communication

- After installing the USB driver and the Timekeeper 2000 software, a connection in the Timekeeper 2000 program will be created in order to download the employee in's & out's from the X100 time clock to the Timekeeper 2000 program.
- A. Turn on the time clock by pressing the OK key and connect it to the computer using the USB cable provided in the box.



Your Computer May Look Slightly Different

B. Next you will need to locate the Comport number assigned to the X100 time clock by the computer. Once you know the Comport number assigned, the next step will be creating the connection on the Timekeeper 2000 program using this Comport number.

Go To the Next Page for Instructions on Locating the Comport Number.

## 3. Locating Comport Number

A. Turn on the X100 time clock, then connect it to the computer with the USB cable that came in the box.



- C. Click on **Settings** then **Control Panel**. (Some operating systems go straight to Control Panel)
- D. Click on System.
- E. Click on Hardware.
- F. Under hardware click on Device Manager.
- G. On the Device Manager window look for Ports.



Note: All computers have different comport settings. This example is showing COM 2, you must select the COM # that is displayed in your computer as shown in the diagram above.

## 4. Creating a Connection Between The Software & The X100 Time Clock

Now that you know the comport number, do the following:

A. Open your Timekeeper 2000 program and log in.

User Name: Administrator Password: 12345 and click accept.

Souther State of the User Authentication	
(ha)	User Name
	Administrator
	Password
	12345
BIDELECTRONIX	Accept Cancel

B. Click on the Reports Tab

Bioelectronix TimeKeeper 2000								
Application Help								
Employee List Edit In/Out	Reports	Employee Control Employee Information						
		Start Date: Monday , Nover						

C. Once you are in the reports section, look for **Device to PC Communicator** and click on it. This will open the communications window.

Bioelectronix TimeKeeper 2000			
Application Help			
Employee List Edit In/Out Reports Employee Control Employee Information	ncomplete In/Out Settings		
		Select the dive range desired and click on report	is to view records. Report
Start Date: Monday , Novem	er 26, 2007 💌	End Date: Sunday , Decemb	ber 02, 2007 💌
Device to PC Communicator			
			-
	<u>.</u>	Bioelectronix Timer eeper 2000 Version 1.2.0.4	4
Hegular	0		
Double Time	0		
Total Hours	0		
Amount	\$0.00		
Preview	he Beport	Print The Benot	Export To Text File
		()	

# X100 Software Installation Guide

Note : In some occasions this error window will appear when opening the device to PC communicator; follow the steps below to fix this problem. If you did not get this error skip the next step & go to step 5 on next page

	prjComm.exe has encountered a problem and needs to close. We are sorry for the inconvenience.	фŊ
4	If you were in the middle of something, the information you were workin might be lost. <b>Please tell Microsoft about this problem.</b> We have created an error report that you can send to us. We will treat this report as confidential and anonymous. To see what data this error report contains, <u>click here.</u> Send Error Benort	ng on at

- 1. Close the Timekeeper 2000 program completely.
- 2. Click on my computer.
- 3. Click on your LOCAL DISK C:
- 4. Click on Program Files.
- 5. Click on folder ETA.
- 6. Click on Base De Datos.
- 7. Double click on the File named registration.bat



## 5. Entering the Communication Settings

A. Once the communication window appears click Add.

Time and Attenda	nce Machine managem	ent X200_V1.7								Ð
Add Del. Modify	Ca in Connect									
ach. No.	Mach. Name	Connection	COM / IP		Connecting time					
										_
Data on the Time ar	nd Attendance Machine			Operating Items						
Staffers		Fingerprints		Downloa	d Records	Upload	Staffers			
Records		Capacity				-				
1,000140		Capacity /		Downlos	ad Staffers	Upload Fir	ngerprints			
Firmware Ver.	1			Download	Fingerprints	Staffer Pe	rmission			
Mach. No.										
Mach Time				Setting P	arameters	Auto-Co	llect Set			
1014011. 11110										
										1

B. After clicking add on the communication window, the following screen will appear, enter the following information: for Mach No. and Mach Name: enter the serial number located on the sticker in the back of the X100 Time Clock (SN). Example : 00553456. You must enter the serial number for both Mach No. and Mach Name. Then select the communication method, for Comm: you will select COM. Under Com Port: select the comport number assigned by your computer to your X100 time clock. Note: If you do not know your comport number assigned please refer to Locating Comport Number, on section 3 of this guide.





Select Com Here

Enter the Com Port Assigned by Your Computer Here

C. After Entering All Four Fields Correctly Click OK

_						
104 A	dd Time and A	ttendance Ma	ich.			X
	-Connection inform	ation		/	00551100	
	Mach. No.	00551120		Mach, Name	00551120	
	Comm.	JCom	<u> </u>	Com Port	4	
			×			
			<b>√</b> <u>о</u> к	- <b></b>	<u>C</u> ancel	

• The communicator window will look like this after entering the settings correctly.

Mine and Attenda ✓ X 🖆 Add Del. Modify	ance Machine manager (2) (2) Connect Disconnect	ment È Setting Record Exit			
Mach. No.	Mach. Name	Connection	COMMIP	Connecting time	
00551120	00551120	Com	COM4		
Data on the Time ar	nd Attendance Machine	· 	Operating items	·	
 Ctoff		E in a supplicate			

D. Now in order to connect to the X100 time clock, click on the serial # until the line is highlighted in blue then click connect.

🙀 Time and Attendanc	ce Nachine managen	nent			- 🗆 ×		
🗸 🗙 🖻	C 10	🕅 🗋 📑					
Add <u>D</u> el. <u>M</u> odify <u>C</u>	onnect Disconnect	<u>S</u> etting <u>Record</u> <u>E</u> xit					
Mach. No. M	1ach. Name	Connection	COM / IP	Connecting time			
00551120 0	0551120	Com	COM4				
Data on the Time and Attendance Machine							
Staffers		Fingerprints	Download	Records Setting F	'arameters		

E. At this step you will be prompted to enter the managing password. The management factory default password for your time clock is "09999", you must add a zero "0" before the "9999", the password to be entered will be "09999" then click OK.

🚧 Managing Permission	
Please input the Managing password:	
09999	
L OK	

Once you have successfully connected to the time clock you will see the information from the time clock displayed on the screen and also a success confirmation, now while connected you will be able to use the commands to download records, download fingerprints, setting parameters from the time clock, and auto collect set, ETC.

🙀 Time and Attendance Machine manager	ient			- 🗆 ×
Add Del. Modify Connect Disconnect	È D D D D D D D D D D D D D D D D D D D			
Mach. No. Mach. Name	Connection	COM/IP	Connecting time	
Dubs 1120 Dubs 1120	Cum	Operating items	11,13,44	
Staffers 0000 Fingerprin Records 000000 New Record		Download	Records Setting	Parameters
Firmware Ver. V3.03	Capacity 512	Download	Staffers Uploa	Fingerprints
Mach. No.   50112 Mach. Time   07-12-1118:56:			Auto-Collect Set	
Connected 00551120 succes				

## 6. Synchronizing the Computer's Date & Time with The Time Clock

- This procedure will sync your computer's date and time to the time clock
- A. Open The Timekeeper 2000 program and log in.
- B. Click on the **Reports** tab.

C. Once in reports look for **Device to PC Communicator** and click on it. This will open the communication window.

- D. Highlight your connection and connect to your time clock.
- E. While connected click on Setting Parameters.

/

✓ X ≧ <sup>*</sup> dd <u>D</u> el. Modify	(≥ ≤) Connect Disconnect	🔏 🛕 Setting Record	<mark>.</mark> <u>E</u> xit			
ch. No.	Mach. Name	Connection		M/IP	Connecting time	
61120	00551120	Com		M4	11:12:44	
Data on the Time a	nd Attendance Machine			Operat	ting items	
Staff	fers 0000	Fingerp	rints 0000		Download Records	Setting Parameters
Dete	000000	New Dec	0	_		<u> </u>
Reco	irus i	New Rec	urus)	_	Download Staffers	Upload Staffers
Firmware \	/er. V3.03	Capa	acity 512	_		<u></u>
				_	Download Fingerprints	Upload Fingerprints
Mach. I	No. 1			_     =		·
	07-12-11 18:55:				Auto-C	ollect Set

E. The settings window will appear now, check mark Synchronize the terminal's time with computer's time and click OK.

)ata management			
Initialize System	Clear Records	Dele	ete Staffers
tems of Time and Attendance Machine paramet	ter settings		
C Admin Password(00001-09999)	09999		
🔲 The fingerprint matching precision		General	Ŧ
Terminal time error adjustment in every 24	hours	-60	Second
Now long change to sleeping status		10	Minute
Synchronize the Terminal time with the co	omputer's time		